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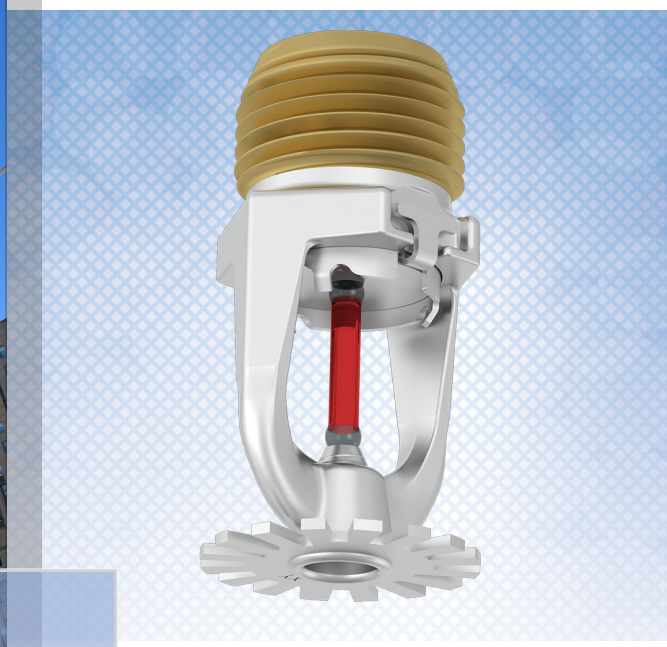
Fire Protection Products | List Price Book

January 2019



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TESTanDRAIN® is a registered trademark of AGF Manufacturing.

Viking Item Price Groups

Item Price Group	Description	Multiplier
V101	K5.6 Standard Response Upright and Pendent, Brass, Chrome, White, and Black finishes	
V102	K5.6 Standard Response, Wax finish	
V103	K5.6 Standard Response Upright and Pendent, Brass, Chrome, White, and Black finishes, High Pressure	
V104	K2.8 Standard Response Horizontal Sidewall, Brass, Chrome, White, Black finishes, 155° High Pressure	
V105	K5.6 Standard Response Upright and Pendent, Brass, Chrome, White finishes, Fusible Link	
V106	K5.6 Standard Response Upright and Pendent, Brass, Chrome, White finishes, Fusible Link, Wax	
V107	K5.6 Standard Response Horizontal and Vertical Sidewall, Brass, Chrome, White, and Black finishes	
V108	K5.6 Standard Response Upright and Pendent, Brass, Chrome, White, and Black finishes, 500°	
V109	K5.6 Upright and Pendent, High Pressure, 500°	
V110	K5.6 Standard Response/Quick Response, Upright and Pendent, stainless steel	
V111	K5.6 Standard Response Flush Pendent, Chrome and White finishes	
V112	K5.6 Standard Response Concealed Pendent	
V113	K8.0 Standard Response Upright and Pendent, Brass, Chrome, White, and Black finishes, 1/2"	
V114	K8.0 Standard Response Upright and Pendent, Brass, Chrome, White, and Black finishes	
V115	K8.0 Standard Response Upright and Pendent, Wax	
V116	K8.0 Standard Response Upright and Pendent, Brass, Chrome, White finishes, 1/2" Fusible Link	
V117	K8.0 Standard Response Upright and Pendent, Brass, Chrome, White finishes, 1/2" Wax	
V118	K8.0 Standard Response Upright and Pendent, Brass, Chrome, White, Black finishes, 500°	
V120	K8.0 Standard Response Upright and Pendent, Brass, Chrome, White, and Black finishes	
V121	K8.0 Standard Response Upright and Pendent, Brass, Chrome, White, Black finishes, High Pressure	
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V124	K2.8, 5.6 Quick Response Upright and Pendent, Brass, Chrome, White finishes, Fusible Link	
V125	K2.8, 5.6 Quick Response Horizontal Sidewall, Brass, Chrome, White, Black finishes, High Pressure	
V126	K2.8, 5.6 Quick Response Horizontal Sidewall, Brass, Chrome, White, Black finishes	
V127	K5.6 Quick Response Concealed Horizontal Sidewall	
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V146	K14 ESFR Pendent, Brass finish	
V147	K16.8 ESFR Pendent, Brass finish	
V148	K22.4 ESFR Pendent, Brass finish	
V149	K25.2 ESFR Pendent, Brass finish	
V150	K28 ESFR Pendent, Brass finish	
V151	K14 ESFR Dry Pendent, Brass finish	
V152	K16.8 ESFR Dry pendent, Brass finish	
V153	K19.6 CMSA Pendent, Brass finish	
V154	K11.2 Large Drop 1/2", Brass finish	

Viking Item Price Groups

Item Price Group	Description	Multiplier
V155	K11.2 Large Drop 3/4", Brass finish	
V156	K16.8 Standard Response Uprght, Brass finish	
V157	K25.2 Standard Response Upright, Brass finish	
V158	K25.2 Standard Response Upright and Pendent, Brass, Chrome, White, Black finishes	
V159	K11.2 Standard Response Upright and Pendent, Brass, Chrome, White, Black finishes	
V160	K11.2 Standard Response Upright and Pendent, Wax	
V161	K11.2 Quick Response Upright and Pendent, Brass, Chrome, White, Black finishes	
V162	K11.2 Quick Response Upright and Pendent, Brass, Chrome, White, Black finishes, Fusible Link	
V163	K11.2 Quick Response Upright and Pendent, Brass, Chrome, White, Black finishes, 1/2"	
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V167	K5.6, 8.0 Quick Response Upright Intermediate Level with Shield, Brass finish, Fusible Link	
V168	K5.6, 8.0 Standard Response Upright and Pendent with Guard, Brass finish	
V169	K5.6, 8.0 Standard Response Upright and Pendent with Guard, Brass finish, Fusible Link	
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V171	K5.6, 8.0 Quick Response Upright and Pendent with Guard, Brass finish, Fusible Link	
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V178	K5.8, 7.4 Residential Pendent, Brass, Chrome, White, Black, ENT finishes	
V179	K3.0, 4.0, 5.8 Residential Horizontal Sidewall, Brass, Chrome, White, Black, ENT finishes	
V180	K4.2 Residential Horizontal Sidewall, Brass, Chrome, White, Black, ENT finishes	
V181	K4.0, 5.8 Residential Concealed Horizontal Sidewall, Brass, Black, ENT finishes	
V182	K4.9 Residential Concealed Pendent, Brass, ENT finishes	
V183	K3.0, 5.8 Residential Concealed Pendent, Brass finish	
V184	K4.9 Residential Upright, Brass, Chrome, White, Black, ENT finishes	
V185	K3.8, 4.9 Residential Flush Pendent, White, Wood Beam, Black finishes	
V186	Residential Lead Free Sprinklers	
V187	Dry Sprinklers	
V188	Dry ENT Sprinklers	
V188.A	ENT Sprinklers	
V189	Dry Flush Sprinklers	
V190	K11.2 Dry Sprinklers	
V192	Stainless Steel Cover Plates	
V200	10mm, 1/2", 3/4" Recessed Escutcheon, Chrome and White finishes	
V201	1/2", 3/4" Recessed Escutcheons, Black, Bright Brass, stainless steel finishes	
V202	1/2" Flat Escutcheons, Chrome, White, Bright Brass, Black finishes	
V203	G-1 1/2", 3/4" Sloped Ceiling Escutcheon, Chrome, White, Black, Bright Brass finishes	
V204	Standard Adjustable Pendent Escutcheon Ring, Chrome and White finishes	
V205	Tools, Sprinkler Cabinets, Insulating Boot Assemblies, Protective Cover Assemblies	
V206	F-1 1/2" Pendent Water Shield	
V207	Sprinkler Wrenches, Frame Style	
V208	Small, Large, ELO Cover Plate, White and Chrome finishes	
V209	Small, Large, ELO Cover Plate, Ivory, Black, Bright Brass, Brushed Brass, Antique Brass Brushed Copper, Brushed Chrome	
V210	Square Cover Plate, Polished Chrome, White, Ivory, Black, Bright Brass, Brushed Brass, Antique Brass, Brushed Copper, Brushed Chrome	
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V212	Model B Concealed Cover Plate	

Viking Item Price Groups

Item Price Group	Description	Multiplier
V213	Horizontal Sidewall Cover Plate	
V214	Domed Cover Plate, Pendent and Horizontal Sidewall	
V215	Special Color Cover Plates	
V216	Model E Spray Nozzles	
V217	Window Sprinklers	
V218	M Frame Nozzles	
V219	A-D spray Nozzle, Brass, Nickel finishes	
V220	Check Valves	
V22.1	Spray Nozzles, Model E	
V221	Easy Risers, Pre-Trimmed	
V222	Easy Riser Trim, Galvanized	
V223	Alarm Valves	
V224	Alarm Valves, Pre-Trimmed	
V225	Alarm Valve Trim, Galvanized	
V226	System Accessories	
V227	Wet System Brass Trim	
V228	Dry Valves	
V229	Dry Valve Trim, Loose	
V230	Dry Valve Trim, Modular	
V231	Model F Dry Valve, Pre-Trimmed	
V232	Model G Dry Valve	
V233	Deluge Valves	
V234	TrimPac® Products	
V236	Conventional Deluge Valve Trim, Galvanized	
V237	Conventional Deluge Valve Trim, Brass	
V238	Releasing Trim	
V239	Releasing Trim, Brass	
V24.3	K17 Upright Sprinkler (Storage-Density/Area)	
V240	Solenoid Valves	
V241	Release Control Panels	
V242	PORV	
V243	Model G Preaction Systems	
V244	Flow Control Valves	
V245	Flow Control Trim	
V246	Flow Control Trim, Brass	
V247	Release Models / Pilot Reg Brass and Stainless Steel	
V248	Firecycycle Accessories	
V249	Replacement Parts	
V250	Deluge Trim, Pre-Assembled	
V251	Deluge Trim, Stainless Steel	
V252	Pressure Regulators, Special	
V253	EasyPac® Standpipe Assemblies	
V254	Electric Release Flow Control Valve and Trim	
V255	Dry Valve Trim Package - Other	
V256	TotalPac® Systems	
V257	Deluge Trim EZ, Galvanized	
V258	Deluge Trim EZ, Brass and Stainless Steel	
V259	Check Valves, Brass	
V260	Multijet Controller	
V261	Commercial Riser Assemblies	
V262	Floor Control Assemblies	
V263	Residential Riser Assembiles	

Viking Item Price Groups

Item Price Group	Description	Multiplier
V300	Foam Concentrates	
V301	Foam Bladder Tanks	
V302	Foam Ratio Controllers	
V303	Foam In Line Balance Proportioners	
V304	Foam Inductors	
V305	Foam Chambers and Accessories	
V306	Foam Makers and Accessories	
V307	Foam Grate Nozzles	
V310	FoamPak Pump Skids and Accessories	
V311	Foam Double Wall Tanks	
V312	Foam Single Wall Tanks	
V313	High Expansion Foam Generators	
V314	Foam System Trim	

Contact Viking's Technical Services Department (techsvcs@vikingcorp.com) or your Viking SupplyNet representative for Clean Agent Suppression System Item Price Groups.

Section A - Sprinklers
Standard Coverage, Standard Response

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Notes

1. Unless otherwise indicated, all cover plates and escutcheons are sold separately.
2. Cover plates, escutcheons, and frame-style sprinklers are available in custom colors at an additional charge. See pages F-8 for details.
3. Refer to Viking technical data pages for complete product specifications. You may print or download technical data by visiting www.vikinggroupinc.com.
4. List prices effective January 12, 2019. Supersedes June 2018 list price book.
5. All sales by Viking are subject to the Terms & Conditions found on the last page of this book.

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Micromatic® Model M
Standard Response
Standard Coverage
Glass Bulb
Upright

SIN:	VK100
K Factor:	5.6 (81)
Thread Size:	1/2 inch NPT
Base Part #:	12986

Finish	Temp	Part #	IPG	List Price
Standard Brass	155°F	12986AB	V101	$22.67
Standard Brass	175°F	12986AD	V101	$22.67
Standard Brass	200°F	12986AE	V101	$22.67
Standard Brass	212°F	12986AM	V101	$22.67
Standard Brass	286°F	12986AG	V101	$22.67
Standard Brass	360°F	12986AH	V101	$22.67
Chrome	155°F	12986FB	V101	$36.36
Chrome	175°F	12986FD	V101	$36.36
Chrome	200°F	12986FE	V101	$36.36
Chrome	212°F	12986FM	V101	$36.36
Chrome	286°F	12986FG	V101	$36.36
Chrome	360°F	12986FH	V101	$36.36
White-Polyester[1]	155°F	12986MB/W	V101	$36.36
White-Polyester	175°F	12986MD/W	V101	$36.36
White-Polyester	200°F	12986ME/W	V101	$36.36
White-Polyester	212°F	12986MM/W	V101	$36.36
White-Polyester	286°F	12986MG/W	V101	$36.36
White-Polyester	360°F	12986MH/W	V101	$36.36
Black-Polyester[1]	155°F	12986MB/B	V101	$56.67
Black-Polyester	175°F	12986MD/B	V101	$56.67
Black-Polyester	200°F	12986ME/B	V101	$56.67
Black-Polyester	212°F	12986MM/B	V101	$56.67
Black-Polyester	286°F	12986MG/B	V101	$56.67
Black-Polyester	360°F	12986MH/B	V101	$56.67
Wax Coated[2]	155°F	12986CB	V102	$43.34
Wax Coated	175°F	12986CD	V102	$43.34
Wax Coated	200°F	12986CE	V102	$43.34
Wax Coated	212°F	12986CM	V102	$43.34
Wax Coated	286°F	12986CG	V102	$43.34
Polyester & Wax	155°F	12986VB/W	V102	$49.36
Polyester & Wax	175°F	12986VD/W	V102	$49.36
Polyester & Wax	200°F	12986VE/W	V102	$49.36
Polyester & Wax	212°F	12986VM/W	V102	$49.36
Polyester & Wax	286°F	12986VG/W	V102	$49.36
Nickel PTFE (ENT)[3]	155°F	12986JNB	V188.A	$65.62
Nickel PTFE (ENT)	175°F	12986JND	V188.A	$65.62
Nickel PTFE (ENT)	200°F	12986JNE	V188.A	$65.62
Nickel PTFE (ENT)	286°F	12986JNG	V188.A	$65.62

Micromatic® Model M
Standard Response
Standard Coverage
Glass Bulb
Pendent

SIN:	VK102
K Factor:	5.6 (81)
Thread Size:	1/2 inch NPT
Base Part #:	12987

Finish	Temp	Part #	IPG	List Price
Standard Brass	155°F	12987AB	V101	$27.86
Standard Brass	175°F	12987AD	V101	$27.86
Standard Brass	200°F	12987AE	V101	$27.86
Standard Brass	212°F	12987AM	V101	$27.86
Standard Brass	286°F	12987AG	V101	$27.86
Standard Brass	360°F	12987AH	V101	$27.86
Chrome	155°F	12987FB	V101	$30.69
Chrome	175°F	12987FD	V101	$30.69
Chrome	200°F	12987FE	V101	$30.69
Chrome	212°F	12987FM	V101	$30.69
Chrome	286°F	12987FG	V101	$30.69
Chrome	360°F	12987FH	V101	$30.69
White-Polyester[1]	155°F	12987MB/W	V101	$30.69
White-Polyester	175°F	12987MD/W	V101	$30.69
White-Polyester	200°F	12987ME/W	V101	$30.69
White-Polyester	212°F	12987MM/W	V101	$30.69
White-Polyester	286°F	12987MG/W	V101	$30.69
White-Polyester	360°F	12987MH/W	V101	$30.69
Black-Polyester[1]	155°F	12987MB/B	V101	$56.67
Black-Polyester	175°F	12987MD/B	V101	$56.67
Black-Polyester	200°F	12987ME/B	V101	$56.67
Black-Polyester	212°F	12987MM/B	V101	$56.67
Black-Polyester	286°F	12987MG/B	V101	$56.67
Black-Polyester	360°F	12987MH/B	V101	$56.67
Wax Coated[2]	155°F	12987CB	V102	$43.34
Wax Coated	175°F	12987CD	V102	$43.34
Wax Coated	200°F	12987CE	V102	$43.34
Wax Coated	212°F	12987CM	V102	$43.34
Wax Coated	286°F	12987CG	V102	$43.34
Polyester & Wax	155°F	12987VB/W	V102	$49.36
Polyester & Wax	175°F	12987VD/W	V102	$49.36
Polyester & Wax	200°F	12987VE/W	V102	$49.36
Polyester & Wax	212°F	12987VM/W	V102	$49.36
Polyester & Wax	286°F	12987VG/W	V102	$49.36
Nickel PTFE (ENT)[3]	155°F	12987JNB	V188.A	$65.62
Nickel PTFE (ENT)	175°F	12987JND	V188.A	$65.62
Nickel PTFE (ENT)	200°F	12987JNE	V188.A	$65.62
Nickel PTFE (ENT)	286°F	12987JNG	V188.A	$65.62

Installation Wrenches			
Wrench - Std Upright / Pdt	21475M/B	V207	$75.37
Wrench - Wax Coated Spk	13577W/B	V207	$145.25
Wrench - Recessed Pndnt	13655W/B	V207	$145.25

Select Escutcheons - Recessed Pendent Sprinklers*			
E1 push-on (chrome,½ in)	06419AF	V200	$8.04
E1 push-on (white,½ in)	06419AM/W	V200	$8.04
E2 threaded (chrome,½ in)	11038F	V200	$8.07

**Refer to Page H-1 for complete list of available escutcheons*

(1) Suitable for decorative applications; UL listed for corrosion resistance.
(2) Standard finish for wax coated sprinklers is brass.
(3) Electroless Nickel PTFE (ENT) plating is UL Listed and FM Approved for corrosion resistance.

XT1
Standard Response
Standard Coverage
Glass Bulb
Upright

SIN:	VK1001
K Factor:	5.6 (81)
Thread Size:	1/2 inch NPT
Base Part #:	19914

Finish	Temp	Part #	IPG	List Price
Standard Brass	135°F	19914AA	V101	$22.67
Standard Brass	155°F	19914AB	V101	$22.67
Standard Brass	175°F	19914AD	V101	$22.67
Standard Brass	200°F	19914AE	V101	$22.67
Standard Brass	286°F	19914AG	V101	$22.67
Chrome	135°F	19914FA	V101	$36.36
Chrome	155°F	19914FB	V101	$36.36
Chrome	175°F	19914FD	V101	$36.36
Chrome	200°F	19914FE	V101	$36.36
Chrome	286°F	19914FG	V101	$36.36
White-Polyester[1]	135°F	19914MA/W	V101	$36.36
White-Polyester[1]	155°F	19914MB/W	V101	$36.36
White-Polyester	175°F	19914MD/W	V101	$36.36
White-Polyester	200°F	19914ME/W	V101	$36.36
White-Polyester	286°F	19914MG/W	V101	$36.36
Black-Polyester[1]	135°F	19914MA/B	V101	$56.67
Black-Polyester[1]	155°F	19914MB/B	V101	$56.67
Black-Polyester	175°F	19914MD/B	V101	$56.67
Black-Polyester	200°F	19914ME/B	V101	$56.67
Black-Polyester	286°F	19914MG/B	V101	$56.67
Nickel PTFE (ENT)[2]	135°F	19914JNA	V188.A	$65.62
Nickel PTFE (ENT)[2]	155°F	19914JNB	V188.A	$65.62
Nickel PTFE (ENT)	175°F	19914JND	V188.A	$65.62
Nickel PTFE (ENT)	200°F	19914JNE	V188.A	$65.62
Nickel PTFE (ENT)	286°F	19914JNG	V188.A	$65.62

Installation Wrenches			
Wrench - Std Straight	22940MB	V207	$75.37
Wrench - Spk Cabinet	20901M/B	V207	$75.37

XT1
Standard Response
Standard Coverage
Glass Bulb
Pendent

SIN:	VK1021
K Factor:	5.6 (81)
Thread Size:	1/2 inch NPT
Base Part #:	19915

Finish	Temp	Part #	IPG	List Price
Standard Brass	135°F	19915AA	V101	$27.86
Standard Brass	155°F	19915AB	V101	$27.86
Standard Brass	175°F	19915AD	V101	$27.86
Standard Brass	200°F	19915AE	V101	$27.86
Standard Brass	286°F	19915AG	V101	$27.86
Chrome	135°F	19915FA	V101	$30.69
Chrome	155°F	19915FB	V101	$30.69
Chrome	175°F	19915FD	V101	$30.69
Chrome	200°F	19915FE	V101	$30.69
Chrome	286°F	19915FG	V101	$30.69
White-Polyester[1]	135°F	19915MA/W	V101	$30.69
White-Polyester[1]	155°F	19915MB/W	V101	$30.69
White-Polyester	175°F	19915MD/W	V101	$30.69
White-Polyester	200°F	19915ME/W	V101	$30.69
White-Polyester	286°F	19915MG/W	V101	$30.69
Black-Polyester[1]	135°F	19915MA/B	V101	$56.67
Black-Polyester[1]	155°F	19915MB/B	V101	$56.67
Black-Polyester	175°F	19915MD/B	V101	$56.67
Black-Polyester	200°F	19915ME/B	V101	$56.67
Black-Polyester	286°F	19915MG/B	V101	$56.67
Nickel PTFE (ENT)[2]	135°F	19915JNA	V188.A	$65.62
Nickel PTFE (ENT)[2]	155°F	19915JNB	V188.A	$65.62
Nickel PTFE (ENT)	175°F	19915JND	V188.A	$65.62
Nickel PTFE (ENT)	200°F	19915JNE	V188.A	$65.62
Nickel PTFE (ENT)	286°F	19915JNG	V188.A	$65.62

Select Escutcheons - Recessed Pendent Sprinklers*			
NP-1 push-on (chrome,½ in)	22066F	V200	$8.04
NP-1 push-on (white,½ in)	22066M/W	V200	$8.04
NP-2 threaded (chrome,½ in)	22067F	V200	$8.07

**Refer to Page H-1 for complete list of available escutcheons*

(1) Suitable for decorative applications; UL listed for corrosion resistance.
(2) Electroless Nickel PTFE (ENT) plating is UL Listed and FM Approved for corrosion resistance.

Micromatic® Model M
Standard Response
Standard Coverage
Glass Bulb
Upright

SIN:	VK200
K Factor:	8.0 (115)
Thread Size:	3/4 inch NPT
Base Part #:	18263

Finish	Temp	Part #	IPG	List Price
Standard Brass	155°F	18263AB	V114	$26.57
Standard Brass	175°F	18263AD	V114	$26.57
Standard Brass	200°F	18263AE	V114	$26.57
Standard Brass	286°F	18263AG	V114	$26.57
Standard Brass	360°F	18263AH	V114	$26.57
Chrome	155°F	18263FB	V114	$30.42
Chrome	175°F	18263FD	V114	$30.42
Chrome	200°F	18263FE	V114	$30.42
Chrome	286°F	18263FG	V114	$30.42
Chrome	360°F	18263FH	V114	$30.42
White-Polyester[1]	155°F	18263MB/W	V114	$30.42
White-Polyester	175°F	18263MD/W	V114	$30.42
White-Polyester	200°F	18263ME/W	V114	$30.42
White-Polyester	286°F	18263MG/W	V114	$30.42
White-Polyester	360°F	18263MH/W	V114	$30.42
Black-Polyester[1]	155°F	18263MB/B	V114	$53.10
Black-Polyester	175°F	18263MD/B	V114	$53.10
Black-Polyester	200°F	18263ME/B	V114	$53.10
Black-Polyester	286°F	18263MG/B	V114	$53.10
Black-Polyester	360°F	18263MH/B	V114	$53.10
Polyester & Wax	155°F	18263VB/W	V115	$57.71
Nickel PTFE (ENT)[2]	155°F	18263JNB	V188.A	$85.45
Nickel PTFE (ENT)	175°F	18263JND	V188.A	$85.45
Nickel PTFE (ENT)	200°F	18263JNE	V188.A	$85.45
Nickel PTFE (ENT)	286°F	18263JNG	V188.A	$85.45

Micromatic® Model M
Standard Response
Standard Coverage
Glass Bulb
Pendent

SIN:	VK202
K Factor:	8.0 (115)
Thread Size:	3/4 inch NPT
Base Part #:	18264

Finish	Temp	Part #	IPG	List Price
Standard Brass	155°F	18264AB	V114	$29.11
Standard Brass	175°F	18264AD	V114	$29.11
Standard Brass	200°F	18264AE	V114	$29.11
Standard Brass	286°F	18264AG	V114	$29.11
Standard Brass	360°F	18264AH	V114	$29.11
Chrome	155°F	18264FB	V114	$35.09
Chrome	175°F	18264FD	V114	$35.09
Chrome	200°F	18264FE	V114	$35.09
Chrome	286°F	18264FG	V114	$35.09
Chrome	360°F	18264FH	V114	$35.09
White-Polyester[1]	155°F	18264MB/W	V114	$35.09
White-Polyester	175°F	18264MD/W	V114	$35.09
White-Polyester	200°F	18264ME/W	V114	$35.09
White-Polyester	286°F	18264MG/W	V114	$35.09
White-Polyester	360°F	18264MH/W	V114	$35.09
Black-Polyester[1]	155°F	18264MB/B	V114	$64.76
Black-Polyester	175°F	18264MD/B	V114	$64.76
Black-Polyester	200°F	18264ME/B	V114	$64.76
Black-Polyester	286°F	18264MG/B	V114	$64.76
Black-Polyester	360°F	18264MH/B	V114	$64.76
Polyester & Wax	155°F	18264VB/W	V115	$57.71
Nickel PTFE (ENT)[2]	155°F	18264JNB	V188.A	$85.45
Nickel PTFE (ENT)	175°F	18264JND	V188.A	$85.45
Nickel PTFE (ENT)	200°F	18264JNE	V188.A	$85.45
Nickel PTFE (ENT)	286°F	18264JNG	V188.A	$85.45

Installation Wrenches			
Wrench - Std Upright / Pdt	21475M/B	V207	$75.37
Wrench - Wax Coated Spk	13577W/B	V207	$145.25
Wrench - Recessed Pndnt	13655W/B	V207	$145.25

Select Escutcheons - Recessed Pendent Sprinklers*			
E1 push-on (chrome,¾ in)	20369F	V200	$8.07
E1 push-on (white,¾ in)	20369M/W	V200	$8.07
E2 threaded (chrome,¾ in)	11625F	V200	$8.07

**Refer to Page H-1 for complete list of available escutcheons*

(1) Suitable for decorative applications; UL listed for corrosion resistance.
(2) Electroless Nickel PTFE (ENT) plating is UL Listed and FM Approved for corrosion resistance.

XT1
Standard Response
Standard Coverage
Glass Bulb
Upright

SIN:	VK2001
K Factor:	8.0 (115)
Thread Size:	3/4 inch NPT
Base Part #:	19922

Finish	Temp	Part #	IPG	List Price
Standard Brass	135°F	19922AA	V114	$26.57
Standard Brass	155°F	19922AB	V114	$26.57
Standard Brass	175°F	19922AD	V114	$26.57
Standard Brass	200°F	19922AE	V114	$26.57
Standard Brass	286°F	19922AG	V114	$26.57
Chrome	135°F	19922FA	V114	$30.42
Chrome	155°F	19922FB	V114	$30.42
Chrome	175°F	19922FD	V114	$30.42
Chrome	200°F	19922FE	V114	$30.42
Chrome	286°F	19922FG	V114	$30.42
White-Polyester[1]	135°F	19922MA/W	V114	$30.42
White-Polyester	155°F	19922MB/W	V114	$30.42
White-Polyester	175°F	19922MD/W	V114	$30.42
White-Polyester	200°F	19922ME/W	V114	$30.42
White-Polyester	286°F	19922MG/W	V114	$30.42
Black-Polyester[1]	135°F	19922MA/B	V114	$53.10
Black-Polyester	155°F	19922MB/B	V114	$53.10
Black-Polyester	175°F	19922MD/B	V114	$53.10
Black-Polyester	200°F	19922ME/B	V114	$53.10
Black-Polyester	286°F	19922MG/B	V114	$53.10
Nickel PTFE (ENT)[2]	135°F	19922JNA	V188.A	$85.45
Nickel PTFE (ENT)	155°F	19922JNB	V188.A	$85.45
Nickel PTFE (ENT)	175°F	19922JND	V188.A	$85.45
Nickel PTFE (ENT)	200°F	19922JNE	V188.A	$85.45
Nickel PTFE (ENT)	286°F	19922JNG	V188.A	$85.45

Installation Wrenches			
Wrench - Std Straight	22940MB	V207	$75.37
Wrench - Spk Cabinet	20901M/B	V207	$75.37

XT1
Standard Response
Standard Coverage
Glass Bulb
Pendent

SIN:	VK2021
K Factor:	8.0 (115)
Thread Size:	3/4 inch NPT
Base Part #:	19923

Finish	Temp	Part #	IPG	List Price
Standard Brass	135°F	19923AA	V114	$29.11
Standard Brass	155°F	19923AB	V114	$29.11
Standard Brass	175°F	19923AD	V114	$29.11
Standard Brass	200°F	19923AE	V114	$29.11
Standard Brass	286°F	19923AG	V114	$29.11
Chrome	135°F	19923FA	V114	$35.09
Chrome	155°F	19923FB	V114	$35.09
Chrome	175°F	19923FD	V114	$35.09
Chrome	200°F	19923FE	V114	$35.09
Chrome	286°F	19923FG	V114	$35.09
White-Polyester[1]	135°F	19923MA/W	V114	$35.09
White-Polyester	155°F	19923MB/W	V114	$35.09
White-Polyester	175°F	19923MD/W	V114	$35.09
White-Polyester	200°F	19923ME/W	V114	$35.09
White-Polyester	286°F	19923MG/W	V114	$35.09
Black-Polyester[1]	135°F	19923MA/B	V114	$64.76
Black-Polyester	155°F	19923MB/B	V114	$64.76
Black-Polyester	175°F	19923MD/B	V114	$64.76
Black-Polyester	200°F	19923ME/B	V114	$64.76
Black-Polyester	286°F	19923MG/B	V114	$64.76
Nickel PTFE (ENT)[2]	135°F	19923JNA	V188.A	$85.45
Nickel PTFE (ENT)	155°F	19923JNB	V188.A	$85.45
Nickel PTFE (ENT)	175°F	19923JND	V188.A	$85.45
Nickel PTFE (ENT)	200°F	19923JNE	V188.A	$85.45
Nickel PTFE (ENT)	286°F	19923JNG	V188.A	$85.45

Select Escutcheons - Recessed Pendent Sprinklers*			
NP-1 push-on (chrome,¾ in)	22071F	V200	$8.07
NP-1 push-on (white,¾ in)	22071M/W	V200	$8.07
NP-2 threaded (chrome,¾ in)	22072M/W	V200	$8.07

**Refer to Page H-1 for complete list of available escutcheons*

(1) Suitable for decorative applications; UL listed for corrosion resistance.
(2) Electroless Nickel PTFE (ENT) plating is UL Listed and FM Approved for corrosion resistance.

Micromatic® Model M
Standard Response
Standard Coverage
REPLACEMENT ONLY
Glass Bulb
Upright

SIN:	VK200
K Factor:	8.0 (115)
Thread Size:	1/2 inch NPT
Base Part #:	18268

Finish[3]	Temp	Part #	IPG	List Price
Standard Brass	155°F	18268AB	V113	$26.64
Standard Brass	175°F	18268AD	V113	$26.64
Standard Brass	200°F	18268AE	V113	$26.64
Standard Brass	286°F	18268AG	V113	$26.64
Standard Brass	360°F	18268AH	V113	$26.64
Chrome	155°F	18268FB	V113	$39.17
Chrome	175°F	18268FD	V113	$39.17
Chrome	200°F	18268FE	V113	$39.17
Chrome	286°F	18268FG	V113	$39.17
Chrome	360°F	18268FH	V113	$39.17
White-Polyester[1]	155°F	18268MB/W	V113	$32.12
White-Polyester	175°F	18268MD/W	V113	$32.12
White-Polyester	200°F	18268ME/W	V113	$32.12
White-Polyester	286°F	18268MG/W	V113	$32.12
White-Polyester	360°F	18268MH/W	V113	$32.12
Black-Polyester[1]	155°F	18268MB/B	V113	$41.48
Black-Polyester	175°F	18268MD/B	V113	$41.48
Black-Polyester	200°F	18268ME/B	V113	$41.48
Black-Polyester	286°F	18268MG/B	V113	$41.48
Black-Polyester	360°F	18268MH/B	V113	$41.48
Wax Coated[2]	155°F	18268CB	V113	$64.30
Wax Coated	175°F	18268CD	V113	$64.30
Wax Coated	200°F	18268CE	V113	$64.30
Wax Coated	286°F	18268CG	V113	$64.30

Micromatic® Model M
Standard Response
Standard Coverage
REPLACEMENT ONLY
Glass Bulb
Pendent

SIN:	VK202
K Factor:	8.0 (115)
Thread Size:	1/2 inch NPT
Base Part #:	18269

Finish[3]	Temp	Part #	IPG	List Price
Standard Brass	155°F	18269AB	V113	$32.49
Standard Brass	175°F	18269AD	V113	$32.49
Standard Brass	200°F	18269AE	V113	$32.49
Standard Brass	286°F	18269AG	V113	$32.49
Standard Brass	360°F	18269AH	V113	$32.49
Chrome	155°F	18269FB	V113	$39.17
Chrome	175°F	18269FD	V113	$39.17
Chrome	200°F	18269FE	V113	$39.17
Chrome	286°F	18269FG	V113	$39.17
Chrome	360°F	18269FH	V113	$39.17
White-Polyester[1]	155°F	18269MB/W	V113	$39.17
White-Polyester	175°F	18269MD/W	V113	$39.17
White-Polyester	200°F	18269ME/W	V113	$39.17
White-Polyester	286°F	18269MG/W	V113	$39.17
White-Polyester	360°F	18269MH/W	V113	$39.17
Black-Polyester[1]	155°F	18269MB/B	V113	$50.59
Black-Polyester	175°F	18269MD/B	V113	$50.59
Black-Polyester	200°F	18269ME/B	V113	$50.59
Black-Polyester	286°F	18269MG/B	V113	$50.59
Black-Polyester	360°F	18269MH/B	V113	$50.59
Wax Coated[2]	155°F	18269CB	V113	$64.30
Wax Coated	175°F	18269CD	V113	$64.30
Wax Coated	200°F	18269CE	V113	$64.30
Wax Coated	286°F	18269CG	V113	$64.30

Installation Wrenches			
Wrench - Std Upright / Pdt	21475M/B	V207	$75.37
Wrench - Wax Coated Spk	13577W/B	V207	$145.25
Wrench - Recessed Pndnt	13655W/B	V207	$145.25

Select Escutcheons - Recessed Pendent Sprinklers*			
E1 push-on (chrome,½ in)	06419AF	V200	$8.04
E1 push-on (white,½ in)	06419AM/W	V200	$8.04
E2 threaded (chrome,½ in)	11038F	V200	$8.07

**Refer to Page H-1 for complete list of available escutcheons*

(1) Suitable for decorative applications; UL listed for corrosion resistance.
(2) Standard finish for wax coated sprinklers is brass.
(3) Also available with ENT (Electroless Nickel PTFE) plating for corrosion resistance (special order with extended lead time). Contact customer service for price and availability. Special order ENT plated sprinklers may not have listings/approvals.

XT1
Standard Response
Standard Coverage
REPLACEMENT ONLY
Glass Bulb
Upright

SIN:	VK2002
K Factor:	8.0 (115)
Thread Size:	1/2 inch NPT
Base Part #:	19918

Finish[3]	Temp	Part #	IPG	List Price
Standard Brass	135°F	19918AA	V113	$26.64
Standard Brass	155°F	19918AB	V113	$26.64
Standard Brass	175°F	19918AD	V113	$26.64
Standard Brass	200°F	19918AE	V113	$26.64
Standard Brass	286°F	19918AG	V113	$26.64
Chrome	135°F	19918FA	V113	$39.17
Chrome	155°F	19918FB	V113	$39.17
Chrome	175°F	19918FD	V113	$39.17
Chrome	200°F	19918FE	V113	$39.17
Chrome	286°F	19918FG	V113	$39.17
White-Polyester[1]	135°F	19918MA/W	V113	$32.12
White-Polyester	155°F	19918MB/W	V113	$32.12
White-Polyester	175°F	19918MD/W	V113	$32.12
White-Polyester	200°F	19918ME/W	V113	$32.12
White-Polyester	286°F	19918MG/W	V113	$32.12
Black-Polyester[1]	135°F	19918MA/B	V113	$41.48
Black-Polyester	155°F	19918MB/B	V113	$41.48
Black-Polyester	175°F	19918MD/B	V113	$41.48
Black-Polyester	200°F	19918ME/B	V113	$41.48
Black-Polyester	286°F	19918MG/B	V113	$41.48
Nickel PTFE (ENT)[2]	135°F	19918JNA	V188.A	$105.94
Nickel PTFE (ENT)	155°F	19918JNB	V188.A	$105.94
Nickel PTFE (ENT)	175°F	19918JND	V188.A	$105.94
Nickel PTFE (ENT)	200°F	19918JNE	V188.A	$105.94
Nickel PTFE (ENT)	286°F	19918JNG	V188.A	$105.94

XT1
Standard Response
Standard Coverage
REPLACEMENT ONLY
Glass Bulb
Pendent

SIN:	VK2022
K Factor:	8.0 (115)
Thread Size:	1/2 inch NPT
Base Part #:	19919

Finish[3]	Temp	Part #	IPG	List Price
Standard Brass	135°F	19919AA	V113	$32.49
Standard Brass	155°F	19919AB	V113	$32.49
Standard Brass	175°F	19919AD	V113	$32.49
Standard Brass	200°F	19919AE	V113	$32.49
Standard Brass	286°F	19919AG	V113	$32.49
Chrome	135°F	19919FA	V113	$39.17
Chrome	155°F	19919FB	V113	$39.17
Chrome	175°F	19919FD	V113	$39.17
Chrome	200°F	19919FE	V113	$39.17
Chrome	286°F	19919FG	V113	$39.17
White-Polyester[1]	135°F	19919MA/W	V113	$39.17
White-Polyester	155°F	19919MB/W	V113	$39.17
White-Polyester	175°F	19919MD/W	V113	$39.17
White-Polyester	200°F	19919ME/W	V113	$39.17
White-Polyester	286°F	19919MG/W	V113	$39.17
Black-Polyester[1]	135°F	19919MA/B	V113	$50.59
Black-Polyester	155°F	19919MB/B	V113	$50.59
Black-Polyester	175°F	19919MD/B	V113	$50.59
Black-Polyester	200°F	19919ME/B	V113	$50.59
Black-Polyester	286°F	19919MG/B	V113	$50.59
Nickel PTFE (ENT)[2]	135°F	19919JNA	V188.A	$105.94
Nickel PTFE (ENT)	155°F	19919JNB	V188.A	$105.94
Nickel PTFE (ENT)	175°F	19919JND	V188.A	$105.94
Nickel PTFE (ENT)	200°F	19919JNE	V188.A	$105.94
Nickel PTFE (ENT)	286°F	19919JNG	V188.A	$105.94

Installation Wrenches			
Wrench - Std Straight	22940MB	V207	$75.37
Wrench - Spk Cabinet	20901M/B	V207	$75.37

Select Escutcheons - Recessed Pendent Sprinklers*			
NP-1 push-on (chrome,½ in)	22066F	V200	$8.04
NP-1 push-on (white,½ in)	22066M/W	V200	$8.04
NP-2 threaded (chrome,½ in)	22067F	V200	$8.07

**Refer to Page H-1 for complete list of available escutcheons*

(1) Suitable for decorative applications; UL listed for corrosion resistance.
(2) Electroless Nickel PTFE (ENT) plating is UL Listed and FM Approved for corrosion resistance.

Micromatic® Model M
Standard Response
Standard Coverage
Glass Bulb
Conventional

SIN:	VK118
K Factor:	5.6 (81)
Thread Size:	1/2 inch NPT
Base Part #:	19383

Finish	Temp	Part #	IPG	List Price
Standard Brass	155°F	19383AB	V101	$28.93
Standard Brass	175°F	19383AD	V101	$28.93
Standard Brass	200°F	19383AE	V101	$28.93
Standard Brass	286°F	19383AG	V101	$28.93
Standard Brass	360°F	19383AH	V101	$28.93
Chrome	155°F	19383FB	V101	$34.98
Chrome	175°F	19383FD	V101	$34.98
Chrome	200°F	19383FE	V101	$34.98
Chrome	286°F	19383FG	V101	$34.98
Chrome	360°F	19383FH	V101	$34.98
White-Polyester[1]	155°F	19383MB/W	V101	$37.49
White-Polyester	175°F	19383MD/W	V101	$37.49
White-Polyester	200°F	19383ME/W	V101	$37.49
White-Polyester	286°F	19383MG/W	V101	$37.49
White-Polyester	360°F	19383MH/W	V101	$37.49
Black-Polyester[1]	155°F	19383MB/B	V101	$56.67
Black-Polyester	175°F	19383MD/B	V101	$56.67
Black-Polyester	200°F	19383ME/B	V101	$56.67
Black-Polyester	286°F	19383MG/B	V101	$56.67
Black-Polyester	360°F	19383MH/B	V101	$56.67
Nickel PTFE (ENT)[2]	155°F	19383JNB	V188.A	$65.62
Nickel PTFE (ENT)	175°F	19383JND	V188.A	$65.62
Nickel PTFE (ENT)	200°F	19383JNE	V188.A	$65.62
Nickel PTFE (ENT)	286°F	19383JNG	V188.A	$65.62
Nickel PTFE (ENT)	360°F	19383JNH	V188.A	$65.62

Micromatic® Model M
Standard Response
Standard Coverage
Glass Bulb
Conventional

SIN:	VK120
K Factor:	8.0 (115)
Thread Size:	3/4 inch NPT
Base Part #:	18270

Finish	Temp	Part #	IPG	List Price
Standard Brass	155°F	18270AB	V114	$29.11
Standard Brass	175°F	18270AD	V114	$29.11
Standard Brass	200°F	18270AE	V114	$29.11
Standard Brass	286°F	18270AG	V114	$29.11
Standard Brass	360°F	18270AH	V114	$29.11
Chrome	155°F	18270FB	V114	$35.09
Chrome	175°F	18270FD	V114	$35.09
Chrome	200°F	18270FE	V114	$35.09
Chrome	286°F	18270FG	V114	$35.09
Chrome	360°F	18270FH	V114	$35.09
White-Polyester[1]	155°F	18270MB/W	V114	$35.09
White-Polyester	175°F	18270MD/W	V114	$35.09
White-Polyester	200°F	18270ME/W	V114	$35.09
White-Polyester	286°F	18270MG/W	V114	$35.09
White-Polyester	360°F	18270MH/W	V114	$35.09
Black-Polyester[1]	155°F	18270MB/B	V114	$64.76
Black-Polyester	175°F	18270MD/B	V114	$64.76
Black-Polyester	200°F	18270ME/B	V114	$64.76
Black-Polyester	286°F	18270MG/B	V114	$64.76
Black-Polyester	360°F	18270MH/B	V114	$64.76
Nickel PTFE (ENT)[2]	155°F	18270JNB	V188.A	$85.45
Nickel PTFE (ENT)	175°F	18270JND	V188.A	$85.45
Nickel PTFE (ENT)	200°F	18270JNE	V188.A	$85.45
Nickel PTFE (ENT)	286°F	18270JNG	V188.A	$85.45
Nickel PTFE (ENT)	360°F	18270JNH	V188.A	$85.45

Installation Wrenches			
Wrench - Std Upright / Pdt	21475M/B	V207	$75.37
Wrench - Wax Coated Spk	13577W/B	V207	$145.25
Wrench - Recessed Pndnt	13655W/B	V207	$145.25

Select Escutcheons - Recessed Pendent Sprinklers*			
E1 push-on (chrome,½ in)	06419AF	V200	$8.04
E1 push-on (white,½ in)	06419AM/W	V200	$8.04
E2 threaded (chrome,½ in)	11038F	V200	$8.07

**Refer to Page H-1 for complete list of available escutcheons*

(1) Suitable for decorative applications and are UL listed for corrosion resistance.
(2) Electroless Nickel PTFE (ENT) plating is UL Listed and FM Approved for corrosion resistance.

Micromatic® Model M
Standard Response
Standard Coverage
Glass Bulb
Horizontal Sidewall

SIN:	VK104
K Factor:	5.6 (81)
Thread Size:	1/2 inch NPT
Base Part #:	12995

Finish[2]	Temp	Part #	IPG	List Price
Standard Brass	155°F	12995AB	V107	$32.88
Standard Brass	175°F	12995AD	V107	$32.88
Standard Brass	200°F	12995AE	V107	$32.88
Standard Brass	286°F	12995AG	V107	$32.88
Standard Brass	360°F	12995AH	V107	$32.88
Chrome	155°F	12995FB	V107	$37.94
Chrome	175°F	12995FD	V107	$37.94
Chrome	200°F	12995FE	V107	$37.94
Chrome	286°F	12995FG	V107	$37.94
Chrome	360°F	12995FH	V107	$37.94
White-Polyester[1]	155°F	12995MB/W	V107	$37.94
White-Polyester	175°F	12995MD/W	V107	$37.94
White-Polyester	200°F	12995ME/W	V107	$37.94
White-Polyester	286°F	12995MG/W	V107	$37.94
White-Polyester	360°F	12995MH/W	V107	$37.94
Black-Polyester[1]	155°F	12995MB/B	V107	$49.24
Black-Polyester	175°F	12995MD/B	V107	$49.24
Black-Polyester	200°F	12995ME/B	V107	$49.24
Black-Polyester	286°F	12995MG/B	V107	$49.24
Black-Polyester	360°F	12995MH/B	V107	$49.24
Wax Coated	155°F	12995CB	V102	$41.26
Wax Coated	175°F	12995CD	V102	$41.26
Wax Coated	200°F	12995CE	V102	$41.26
Polyester & Wax	155°F	12995VB/W	V102	$48.86
Polyester & Wax	175°F	12995VD/W	V102	$48.86
Polyester & Wax	200°F	12995VE/W	V102	$48.86

Micromatic® Model M
Standard Response
Standard Coverage
Glass Bulb
Vertical Sidewall

SIN:	VK106
K Factor:	5.6 (81)
Thread Size:	1/2 inch NPT
Base Part #:	12996

Finish[2]	Temp	Part #	IPG	List Price
Standard Brass	155°F	12996AB	V107	$51.71
Standard Brass	175°F	12996AD	V107	$51.71
Standard Brass	200°F	12996AE	V107	$51.71
Standard Brass	286°F	12996AG	V107	$51.71
Standard Brass	360°F	12996AH	V107	$51.71
Chrome	155°F	12996FB	V107	$57.41
Chrome	175°F	12996FD	V107	$57.41
Chrome	200°F	12996FE	V107	$57.41
Chrome	286°F	12996FG	V107	$57.41
Chrome	360°F	12996FH	V107	$57.41
White-Polyester[1]	155°F	12996MB/W	V107	$57.41
White-Polyester	175°F	12996MD/W	V107	$57.41
White-Polyester	200°F	12996ME/W	V107	$57.41
White-Polyester	286°F	12996MG/W	V107	$57.41
White-Polyester	360°F	12996MH/W	V107	$57.41
Black-Polyester[1]	155°F	12996MB/B	V107	$60.14
Black-Polyester	175°F	12996MD/B	V107	$60.14
Black-Polyester	200°F	12996ME/B	V107	$60.14
Black-Polyester	286°F	12996MG/B	V107	$60.14
Black-Polyester	360°F	12996MH/B	V107	$60.14

Installation Wrenches			
Wrench - Std Upright / Pdt	21475M/B	V207	$75.37
Wrench - Wax Coated Spk	13577W/B	V207	$145.25
Wrench - Recessed HSW	13655W/B	V207	$145.25

Select Escutcheons - Recessed Pendent Sprinklers*			
E1 push-on (chrome,½ in)	06419AF	V200	$8.04
E1 push-on (white,½ in)	06419AM/W	V200	$8.04
E2 threaded (chrome,½ in)	11038F	V200	$8.07

**Refer to Page H-1 for complete list of available escutcheons*

(1) Suitable for decorative applications and are UL listed for corrosion resistance.
(2) Also available with ENT (Electroless Nickel PTFE) plating for corrosion resistance (special order with extended lead time). Contact customer service for price and availability. Special order ENT plated sprinklers may not have listings/approvals.

Mirage® [1,2]

Standard Response
Standard Coverage
Glass Bulb
Concealed Pendent

SIN:	VK492
K Factor:	5.6 (81)
Thread Size:	1/2 inch NPT
Base Part #:	20034A

Finish	Temp	Part #	IPG	List Price
Standard Brass	155°F	20034AB	V112	$52.21
Standard Brass	175°F	20034AD	V112	$52.21
Standard Brass	200°F	20034AE	V112	$52.21
Heavy Duty Spk Wrench		14047W/B	V207	$145.25
Cabinet Wrench / Tool		14031	V205	$29.74

Standard Cover Plate[1]

Diameter = 2-3/4 inches

Finish	Temp	Part #	IPG	List Price
Polished Chrome	135°F	13504FA	V208	$34.90
Polished Chrome	165°F	13504FC	V208	$34.90
White	135°F	13504MA/W	V208	$34.90
White	165°F	13504MC/W	V208	$34.90
Ivory	135°F	13504MA/I	V209	$43.67
Ivory	165°F	13504MC/I	V209	$43.67
Black	135°F	13504MA/B	V209	$43.67
Black	165°F	13504MC/B	V209	$43.67
Bright Brass	135°F	13504BA	V209	$43.67
Bright Brass	165°F	13504BC	V209	$43.67
Brushed Brass	135°F	13504BA/B	V209	$43.67
Brushed Brass	165°F	13504BC/B	V209	$43.67
Antique Brass	135°F	13504BA/A	V209	$43.67
Antique Brass	165°F	13504BC/A	V209	$43.67
Brushed Copper	135°F	13504EA/B	V209	$43.67
Brushed Copper	165°F	13504EC/B	V209	$43.67
Brushed Chrome	135°F	13504FA/B	V209	$43.67
Brushed Chrome	165°F	13504FC/B	V209	$43.67
Cover Plate Install Tool		14412	V205	$13.11

Large Cover Plate[1]

Diameter = 3-5/16 inches

Finish	Temp	Part #	IPG	List Price
Polished Chrome	135°F	13642FA	V208	$34.90
Polished Chrome	165°F	13642FC	V208	$34.90
White	135°F	13642MA/W	V208	$34.90
White	165°F	13642MC/W	V208	$34.90
Ivory	135°F	13642MA/I	V209	$43.67
Ivory	165°F	13642MC/I	V209	$43.67
Black	135°F	13642MA/B	V209	$43.67
Black	165°F	13642MC/B	V209	$43.67
Bright Brass	135°F	13642BA	V209	$43.67
Bright Brass	165°F	13642BC	V209	$43.67
Brushed Brass	135°F	13642BA/B	V209	$43.67
Brushed Brass	165°F	13642BC/B	V209	$43.67
Antique Brass	135°F	13642BA/A	V209	$43.67
Antique Brass	165°F	13642BC/A	V209	$43.67
Brushed Copper	135°F	13642EA/B	V209	$43.67
Brushed Copper	165°F	13642EC/B	V209	$43.67
Brushed Chrome	135°F	13642FA/B	V209	$43.67
Brushed Chrome	165°F	13642FC/B	V209	$43.67
Cover Plate Install Tool		14867	V205	$13.11

Horizon® Flush (Model H-1)

Standard Response
Standard Coverage
Fusible Link
Flush Pendent

SIN:	VK400
K Factor:	5.6 (81)
Thread Size:	1/2 inch NPT
Base Part #:	06697B

Finish	Temp	Part #	IPG	List Price
Chrome	165°F	06697BFC	V111	$85.20
Chrome	220°F	06697BFF	V111	$85.20
Painted White	165°F	06697BMC/W	V111	$86.69
Painted White	220°F	06697BMF/W	V111	$86.69
Heavy Duty Spk Wrench		08336W/B	V207	$145.25
Light Duty Spk Wrench		10366W/B	V207	$34.35

Ceiling Ring[3] for Model H-1 Flush Sprinkler

Finish	Type	Part #	IPG	List Price
Outside Diameter = 2-11/16 inches				
Chrome	Push	07027F	V185	$8.11
Chrome	Thread	06919BF	V128	$8.28
Painted White	Push	07027M/W	V185	$8.53
Painted White	Thread	06919BM/W	V128	$8.68
Outside Diameter = 3 in. (push on), 3-1/4 in. (thread on)				
Chrome	Push	07626F	V185	$8.28
Chrome	Thread	06905BF	V128	$14.07
Painted White	Push	07626M/W	V185	$8.69
Painted White	Thread	06905BM/W	V128	$14.43

(1) Covers sold separately. See page F-8 for custom colors.
(2) Also available with square cover plate. See page H-5.
(3) Ceiling rings for Model H-1 sprinkler sold separately.

Micromatic® Model M
Standard Response
Standard Coverage
FUSIBLE LINK
Upright Sprinklers
Thread Size: 1/2 inch NPT

Finish	Temp	Part #	IPG	List Price
VK108 - 5.6 (81) K Factor - 1/2 in NPT - UPRIGHT				
Standard Brass	165°F	12973AC	V105	$34.33
Standard Brass	220°F	12973AF	V105	$34.33
Standard Brass	286°F	12973AG	V105	$34.33
Chrome	165°F	12973FC	V105	$42.90
Chrome	220°F	12973FF	V105	$42.90
Chrome	286°F	12973FG	V105	$42.90
White-Polyester	165°F	12973MC/W	V105	$54.19
White-Polyester	220°F	12973MF/W	V105	$54.19
White-Polyester	286°F	12973MG/W	V105	$54.19
Black-Polyester	165°F	12973MC/B	V105	$54.19
Black-Polyester	220°F	12973MF/B	V105	$54.19
Black-Polyester	286°F	12973MG/B	V105	$54.19
Wax Coated[1]	165°F	12973CC	V106	$65.78
Wax Coated	220°F	12973CF	V106	$65.78
Standard Wrench		21475M/B	V207	$75.37
Wrench-Recessed & Wax		13577W/B	V207	$145.25

Micromatic® Model M
Standard Response
Standard Coverage
FUSIBLE LINK
Pendent Sprinklers
Thread Size: 1/2 inch NPT

Finish	Temp	Part #	IPG	List Price
VK110 - 5.6 (81) K Factor - 1/2 in NPT - PENDENT				
Standard Brass	165°F	12972AC	V105	$34.33
Standard Brass	220°F	12972AF	V105	$34.33
Standard Brass	286°F	12972AG	V105	$34.33
Chrome	165°F	12972FC	V105	$41.50
Chrome	220°F	12972FF	V105	$41.50
Chrome	286°F	12972FG	V105	$41.50
White-Polyester	165°F	12972MC/W	V105	$54.19
White-Polyester	220°F	12972MF/W	V105	$54.19
White-Polyester	286°F	12972MG/W	V105	$54.19
Black-Polyester	165°F	12972MC/B	V105	$54.19
Black-Polyester	220°F	12972MF/B	V105	$54.19
Black-Polyester	286°F	12972MG/B	V105	$54.19
Wax Coated[1]	165°F	12972CC	V106	$65.78
Wax Coated	220°F	12972CF	V106	$65.78
Standard Wrench		21475M/B	V207	$75.37
Wrench-Recessed & Wax		13577W/B	V207	$145.25

Model E-1 (push-on) Recessed Escutcheons*				
Finish	**Size**	**Part #**	**IPG**	**List Price**
Bright Brass	1/2"	06419AB	V201	$38.09
Polished Chrome	1/2"	06419AF	V200	$8.04
White	1/2"	06419AM/W	V200	$8.04
Black	1/2"	06419AM/B	V201	$16.65
Model E-2 (thread-on) Recessed Escutcheons*				
Polished Chrome	1/2"	11038F	V200	$8.07
White	1/2"	11038M/W	V200	$8.07

**Refer to Page H-1 for complete list of available escutcheons*

(1) Standard finish for wax coated sprinklers is brass.

Micromatic® Model M
Standard Response
Standard Coverage
FUSIBLE LINK
Upright Sprinklers
Thread Size: 3/4 inch NPT

Finish	Temp	Part #	IPG	List Price
VK204 - 8.0 (115) K Factor - 3/4 in NPT - UPRIGHT				
Standard Brass	165°F	18253AC	V116	$24.37
Standard Brass	220°F	18253AF	V116	$24.37
Standard Brass	286°F	18253AG	V116	$24.37
Chrome	165°F	18253FC	V116	$28.25
Chrome	220°F	18253FF	V116	$28.25
Chrome	286°F	18253FG	V116	$28.25
White-Polyester	165°F	18253MC/W	V116	$29.42
White-Polyester	220°F	18253MF/W	V116	$29.42
White-Polyester	286°F	18253MG/W	V116	$29.42
Black-Polyester	165°F	18253MC/B	V116	$47.70
Black-Polyester	220°F	18253MF/B	V116	$47.70
Black-Polyester	286°F	18253MG/B	V116	$47.70
Wax Coated[1]	165°F	18253CC	V117	$50.88
Wax Coated	220°F	18253CF	V117	$50.88
VK204 - 8.0 (115) K Factor - 1/2 in NPT - UPRIGHT				
REPLACEMENT ONLY[2]				
Standard Brass	165°F	18255AC	V116	$43.14
Standard Brass	220°F	18255AF	V116	$43.14
Standard Brass	286°F	18255AG	V116	$43.14
Chrome	165°F	18255FC	V116	$49.72
Chrome	220°F	18255FF	V116	$49.72
Chrome	286°F	18255FG	V116	$49.72
White-Polyester	165°F	18255MC/W	V116	$51.47
White-Polyester	220°F	18255MF/W	V116	$51.47
White-Polyester	286°F	18255MG/W	V116	$51.47
Wax Coated[1]	165°F	18255CC	V117	$66.78
Wax Coated	220°F	18255CF	V117	$66.78
Std Sprinkler Wrench		21475M/B	V207	$75.37
Wrench-Recessed & Wax		13577W/B	V207	$145.25

Micromatic® Model M
Standard Response
Standard Coverage
FUSIBLE LINK
Pendent Sprinklers
Thread Size: 3/4 inch NPT

Finish	Temp	Part #	IPG	List Price
VK206 - 8.0 (115) K Factor - 3/4 in NPT - PENDENT				
Standard Brass	165°F	18254AC	V116	$24.37
Standard Brass	220°F	18254AF	V116	$24.37
Standard Brass	286°F	18254AG	V116	$24.37
Chrome	165°F	18254FC	V116	$28.25
Chrome	220°F	18254FF	V116	$28.25
Chrome	286°F	18254FG	V116	$28.25
White-Polyester	165°F	18254MC/W	V116	$29.42
White-Polyester	220°F	18254MF/W	V116	$29.42
White-Polyester	286°F	18254MG/W	V116	$29.42
Black-Polyester	165°F	18254MC/B	V116	$47.70
Black-Polyester	220°F	18254MF/B	V116	$47.70
Black-Polyester	286°F	18254MG/B	V116	$47.70
Wax Coated[1]	165°F	18254CC	V117	$50.88
Wax Coated	220°F	18254CF	V117	$50.88
VK206 - 8.0 (115) K Factor - 1/2 in NPT - PENDENT				
REPLACEMENT ONLY[2]				
Standard Brass	165°F	18256AC	V116	$43.14
Standard Brass	220°F	18256AF	V116	$43.14
Standard Brass	286°F	18256AG	V116	$43.14
Chrome	165°F	18256FC	V116	$49.72
Chrome	220°F	18256FF	V116	$49.72
Chrome	286°F	18256FG	V116	$49.72
White-Polyester	165°F	18256MC/W	V116	$51.47
White-Polyester	220°F	18256MF/W	V116	$51.47
White-Polyester	286°F	18256MG/W	V116	$51.47
Wax Coated[1]	165°F	18256CC	V117	$66.78
Wax Coated	220°F	18256CF	V117	$66.78
Std Sprinkler Wrench		21475M/B	V207	$75.37
Wrench-Recessed & Wax		13577W/B	V207	$145.25

Model E-1 (push-on) Recessed Escutcheons*				
Finish	**Size**	**Part #**	**IPG**	**List Price**
Bright Brass	3/4"	20369B	V201	$38.09
Polished Chrome	3/4"	20369F	V200	$8.07
White	3/4"	20369M/W	V200	$8.07
Black	3/4"	20369M/B	V201	$16.65
Model E-2 (thread-on) Recessed Escutcheons*				
Polished Chrome	3/4"	11625F	V200	$8.07
White	3/4"	11625M/W	V200	$8.07

* Refer to Page H-1 for complete list of available escutcheons

(1) Standard finish for wax coated sprinklers is brass.

(2) REPLACEMENT ONLY - 8.0 K Factor sprinklers with 1/2" NPT thread size are not intended for use in new installations.

Micromatic® HP
HIGH PRESSURE - 250 PSI
Standard Response
Standard Coverage
Glass Bulb
Upright

SIN:	VK124
K Factor:	5.6 (81)
Thread Size:	1/2 inch NPT
Base Part #:	09993

Finish[3]	Temp	Part #	IPG	List Price
Standard Brass	155°F	09993AB	V103	$20.88
Standard Brass	175°F	09993AD	V103	$20.88
Standard Brass	200°F	09993AE	V103	$20.88
Standard Brass	286°F	09993AG	V103	$20.88
Standard Brass	360°F	09993AH	V103	$20.88
Chrome	155°F	09993FB	V103	$25.99
Chrome	175°F	09993FD	V103	$25.99
Chrome	200°F	09993FE	V103	$25.99
Chrome	286°F	09993FG	V103	$25.99
White-Polyester[1]	155°F	09993MB/W	V103	$28.46
White-Polyester	175°F	09993MD/W	V103	$28.46
White-Polyester	200°F	09993ME/W	V103	$28.46
White-Polyester	286°F	09993MG/W	V103	$28.46
Black-Polyester[1]	155°F	09993MB/B	V103	$42.47
Black-Polyester	175°F	09993MD/B	V103	$42.47
Black-Polyester	200°F	09993ME/B	V103	$42.47
Black-Polyester	286°F	09993MG/B	V103	$42.47
Nickel PTFE (ENT)[3]	155°F	09993JNB	V188.A	$65.62
Nickel PTFE (ENT)	175°F	09993JND	V188.A	$65.62
Nickel PTFE (ENT)	200°F	09993JNE	V188.A	$65.62
Nickel PTFE (ENT)	286°F	09993JNG	V188.A	$65.62
Std Sprinkler Wrench		21475M/B	V207	$75.37

Micromatic® HP
HIGH PRESSURE - 250 PSI
Standard Response
Standard Coverage
Glass Bulb
Pendent

SIN:	VK122
K Factor:	5.6 (81)
Thread Size:	1/2 inch NPT
Base Part #:	09992

Finish[3]	Temp	Part #	IPG	List Price
Standard Brass	155°F	09992AB	V103	$20.88
Standard Brass	175°F	09992AD	V103	$20.88
Standard Brass	200°F	09992AE	V103	$20.88
Standard Brass	286°F	09992AG	V103	$20.88
Standard Brass	360°F	09992AH	V103	$20.88
Chrome	155°F	09992FB	V103	$24.42
Chrome	175°F	09992FD	V103	$24.42
Chrome	200°F	09992FE	V103	$24.42
Chrome	286°F	09992FG	V103	$24.42
White-Polyester[1]	155°F	09992MB/W	V103	$27.04
White-Polyester	175°F	09992MD/W	V103	$27.04
White-Polyester	200°F	09992ME/W	V103	$27.04
White-Polyester	286°F	09992MG/W	V103	$27.04
Black-Polyester[1]	155°F	09992MB/B	V103	$42.47
Black-Polyester	175°F	09992MD/B	V103	$42.47
Black-Polyester	200°F	09992ME/B	V103	$42.47
Black-Polyester	286°F	09992MG/B	V103	$42.47
Std Sprinkler Wrench		21475M/B	V207	$75.37
Wrench for Wax Coated		13577W/B	V207	$145.25
Wrench for Recessed		13655W/B	V207	$145.25

NOTE - High Pressure (HP) = Working pressure to 250 psi (1724 kPa)

Model E-1 (push-on) Recessed Escutcheons*				
Finish	**Size**	**Part #**	**IPG**	**List Price**
Bright Brass	1/2"	06419AB	V201	$38.09
Polished Chrome	1/2"	06419AF	V200	$8.04
White	1/2"	06419AM/W	V200	$8.04
Black	1/2"	06419AM/B	V201	$16.65
Model E-2 (thread-on) Recessed Escutcheons*				
Polished Chrome	1/2"	11038F	V200	$8.07
White	1/2"	11038M/W	V200	$8.07

*Refer to Page H-1 for complete list of available escutcheons

(1) Suitable for decorative applications; UL listed for corrosion resistance.
(2) Standard finish for wax coated sprinklers is brass.
(3) Electroless Nickel PTFE (ENT) plating is UL Listed and FM Approved for corrosion resistance.

ULTRA HIGH TEMPERATURE
Standard Response
Standard Coverage
Glass Bulb
Upright

SIN:	VK100
K Factor:	5.6 (81)
Thread Size:	1/2 inch NPT
Base Part #:	12986

Finish[3]	Temp	Part #	IPG	List Price
Standard Brass	500°F	12986AL	V108	$56.24
Chrome	500°F	12986FL	V108	$64.82
White-Polyester[1]	500°F	12986ML/W	V108	$66.82
Black-Polyester[1]	500°F	12986ML/B	V108	$66.82
HIGH PRESSURE - VK124				
Standard Brass	500°F	09993AL	V109	$58.48
Std Sprinkler Wrench		21475M/B	V207	$75.37

ULTRA HIGH TEMPERATURE
Standard Response
Standard Coverage
Glass Bulb
Pendent

SIN:	VK102
K Factor:	5.6 (81)
Thread Size:	1/2 inch NPT
Base Part #:	12987

Finish[3]	Temp	Part #	IPG	List Price
Standard Brass	500°F	12987AL	V108	$56.24
Chrome	500°F	12987FL	V108	$61.66
HIGH PRESSURE - VK122				
Standard Brass	500°F	09992AL	V109	$58.48
Chrome	500°F	09992FL	V109	$67.91
Std Sprinkler Wrench		21475M/B	V207	$75.37
Wrench for Recessed		13655W/B	V207	$145.25

ULTRA HIGH TEMPERATURE
Standard Response
Standard Coverage
Glass Bulb
Upright

SIN:	VK200
K Factor:	8.0 (115)
Thread Size:	3/4 inch NPT
Base Part #:	18263

Finish[3]	Temp	Part #	IPG	List Price
Standard Brass	500°F	18263AL	V118	$36.20
Chrome	500°F	18263FL	V118	$41.89
Black-Polyester[1]	500°F	18263ML/B	V118	$55.88
1/2 inch NPT thread - REPLACEMENT ONLY[2]				
Standard Brass	500°F	18268AL	V118	$62.82
Std Sprinkler Wrench		21475M/B	V207	$75.37

Model E-1 (push-on) Recessed Escutcheons*				
Finish[3]	**Size**	**Part #**	**IPG**	**List Price**
Bright Brass	1/2"	06419AB	V201	$38.09
Polished Chrome	1/2"	06419AF	V200	$8.04
White	1/2"	06419AM/W	V200	$8.04
Black	1/2"	06419AM/B	V201	$16.65
Model E-2 (thread-on) Recessed Escutcheons*				
Polished Chrome	1/2"	11038F	V200	$8.07
White	1/2"	11038M/W	V200	$8.07

ULTRA HIGH TEMPERATURE
Standard Response
Standard Coverage
Glass Bulb
Pendent

SIN:	VK202
K Factor:	8.0 (115)
Thread Size:	3/4 inch NPT
Base Part #:	18264

Finish[3]	Temp	Part #	IPG	List Price
Standard Brass	500°F	18264AL	V118	$41.76
Chrome	500°F	18264FL	V118	$48.33
1/2 inch NPT thread - REPLACEMENT ONLY[2]				
Standard Brass	500°F	18269AL	V118	$70.63
Chrome	500°F	18269FL	V118	$56.20
Std Sprinkler Wrench		21475M/B	V207	$75.37
Wrench for Recessed		13655W/B	V207	$145.25

Model E-1 (push-on) Recessed Escutcheons*				
Finish[3]	**Size**	**Part #**	**IPG**	**List Price**
Bright Brass	3/4"	20369B	V201	$38.09
Polished Chrome	3/4"	20369F	V200	$8.07
White	3/4"	20369M/W	V200	$8.07
Black	3/4"	20369M/B	V201	$16.65
Model E-2 (thread-on) Recessed Escutcheons*				
Polished Chrome	3/4"	11625F	V200	$8.07
White	3/4"	11625M/W	V200	$8.07

**Refer to Page H-1 for complete list of available escutcheons*

(1) Polyester sprinklers are suitable for decorative applications and are UL listed for corrosion resistance.
(2) REPLACEMENT ONLY - 8.0 K Factor sprinklers with 1/2" NPT thread size are not intended for use in new installations.
(3) Also available with ENT (Electroless Nickel PTFE) plating for corrosion resistance (special order with extended lead time). Contact customer service for price and availability. Special order ENT plated sprinklers may not have listings/approvals.

CORROSION RESISTANT
Standard Response
Standard Coverage
Glass Bulb
Stainless Steel - Upright

SIN: VK130
K Factor: 5.6 (81)
Thread Size: 1/2 inch NPT
Base Part #: 05012B

Finish	Temp	Part #	IPG	List Price
Stainless Steel	155°F	05012BB	V110	$502.31
Stainless Steel	175°F	05012BD	V110	$502.31
Stainless Steel	200°F	05012BE	V110	$502.31
Stainless Steel	286°F	05012BG	V110	$502.31
Stainless Steel	360°F	05012BH	V110	$502.31
Stainless Steel	500°F	05012BL	V110	$557.60
Stainless Steel	OPEN	06501BZ	V110	$518.28
Wax Coated	155°F	05012BCB	V110	$542.51
Wax Coated	175°F	05012BCD	V110	$542.51
Wax Coated	200°F	05012BCE	V110	$542.51
Std Sprinkler Wrench		21475M/B	V207	$75.37

CORROSION RESISTANT
Standard Response
Standard Coverage
Glass Bulb
Stainless Steel - Pendent

SIN: VK132
K Factor: 5.6 (81)
Thread Size: 1/2 inch NPT
Base Part #: 06483B

Finish	Temp	Part #	IPG	List Price
Stainless Steel	155°F	06483BB	V110	$528.40
Stainless Steel	175°F	06483BD	V110	$528.40
Stainless Steel	200°F	06483BE	V110	$528.40
Stainless Steel	286°F	06483BG	V110	$528.40
Stainless Steel	360°F	06483BH	V110	$528.40
Stainless Steel	500°F	06483BL	V110	$557.60
Stainless Steel	OPEN	06502BZ	V110	$518.28
Wax Coated	155°F	06483BCB	V110	$542.51
Wax Coated	175°F	06483BCD	V110	$542.51
Wax Coated	200°F	06483BCE	V110	$542.51
Std Sprinkler Wrench		21475M/B	V207	$75.37

CORROSION RESISTANT
Standard Response
Standard Coverage
Fusible Link
Stainless Steel - Pendent

SIN: VK368
K Factor: 8.0 (115)
Thread Size: 3/4 inch NPT
Base Part #: 21928E

Finish	Temp	Part #	IPG	List Price
Stainless Steel	161°F	21928C	V110	$1,046.91
Stainless Steel	205°F	21928E	V110	$1,046.91
Std Sprinkler Wrench		21475M/B	V207	$75.37

COMING SOON

Stainless Steel Escutcheons*
Model E-1 (push-on) - Includes adapter and cup

Finish	Size	Part #	IPG	List Price
Polished Chrome	1/2"	07902F	V201	$32.73
White	1/2"	07902M/W	V201	$32.73
Nickel PTFE (ENT)	1/2"	07902JN	V188.A	$61.52

**Refer to Page H-1 for complete list of available escutcheons*

FM Storage / Non-Storage
Standard Response
Standard Coverage
Glass Bulb
Upright

SIN: VK598
K Factor: 25.2 (363)
Thread Size: 1 inch NPT
Base Part #: 19522

Finish	Temp	Part #	IPG	List Price
Standard Brass	155°F	19522AB	V157	$163.15
Standard Brass	175°F	19522AD	V157	$163.15
Standard Brass	200°F	19522AE	V157	$163.15
Standard Brass	286°F	19522AG	V157	$163.15
Spk Wrench Pndnt ESFR		13635W/B	V207	$136.24

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Web: www.vikinggroupinc.com

Notes

Section B - Sprinklers
Standard Coverage, Quick Response

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- VK333, 2.8 (40) K factor, horizontal sidewall B-10
- VK306, 5.6 (81) K factor, vertical sidewall B-10
- VK305, 5.6 (81) K factor, horizontal sidewall B-11
- VK360, 8.0 (115) K factor, horizontal sidewall B-11

Concealed

- Mirage® VK461/VK465, 2.8 (40) / 4.2 (60) K factor, flat concealed pendent B-12
- Mirage® VK462/VK464, 5.6 (81) / 8.0 (115) K factor, flat concealed pendent B-12
- Mirage® VK463, 5.6 (81) K factor, high pressure, flat concealed pendent B-12
- Mirage® VK469, 11.2 (161) K factor, ELO, flat concealed pendent B-12
- Mirage® MRI room concealed sprinklers (VK462/VK464) B-12
- Mirage® cover plates (standard, large, square, ELO, clean room) B-13
- Mirage® wrenches and cover plate installation tools B-14
- VK481, 5.6 (81) K factor, flat concealed horizontal sidewall and cover plate B-15
- VK402 / VK478 5.6 (81) K factor, flush pendent B-15

Fusible Link

- Fusible Link, upright / pendent B-16
- Fusible Link, horizontal sidewall / vertical sidewall / conventional B-17
- Fusible Link, high pressure B-18

High Pressure

- VK340/VK342, high pressure, 2.8 (40) K factor, upright / pendent, HP B-19
- VK315/VK317, high pressure, 5.6 (81) K factor, upright / pendent, HP B-20
- VK344/VK319, high pressure, 2.8 (40) / 5.6 (81) K factor, horizontal sidewall, HP B-21

Stainless Steel

- VK338/VK339, stainless steel, 5.6 (81) K factor, upright / pendent B-22

Notes

1. Unless otherwise indicated, all cover plates and escutcheons are sold separately.
2. Cover plates, escutcheons, and sprinklers are available in custom colors at an additional charge. See pages F-8 for details.
3. Refer to Viking technical data pages for complete product specifications (www.vikinggroupinc.com).
4. List prices effective January 12, 2019. Supersedes June 2018 list price book.
5. All sales by Viking are subject to the Terms & Conditions found on the last page of this book.

Microfast® Model M
Quick Response
Standard Coverage
Glass Bulb
Upright

SIN:	VK325
K Factor:	2.8 (40)
Thread Size:	1/2 inch NPT
Base Part #:	12980

Finish[2]	Temp	Part #	IPG	List Price
Standard Brass	155°F	12980AB	V120	$57.76
Standard Brass	175°F	12980AD	V120	$57.76
Standard Brass	200°F	12980AE	V120	$57.76
Standard Brass	286°F	12980AG	V120	$57.76
Chrome	155°F	12980FB	V120	$61.89
Chrome	175°F	12980FD	V120	$61.89
Chrome	200°F	12980FE	V120	$61.89
Chrome	286°F	12980FG	V120	$61.89
White-Polyester[1]	155°F	12980MB/W	V120	$61.89
White-Polyester	175°F	12980MD/W	V120	$61.89
White-Polyester	200°F	12980ME/W	V120	$61.89
White-Polyester	286°F	12980MG/W	V120	$61.89
Black-Polyester[1]	155°F	12980MB/B	V120	$88.38
Black-Polyester	175°F	12980MD/B	V120	$88.38
Black-Polyester	200°F	12980ME/B	V120	$88.38
Black-Polyester	286°F	12980MG/B	V120	$88.38
Std Sprinkler Wrench		21475M/B	V207	$75.37

Microfast® Model M
Quick Response
Standard Coverage
Glass Bulb
Pendent

SIN:	VK329
K Factor:	2.8 (40)
Thread Size:	1/2 inch NPT
Base Part #:	12981

Finish[2]	Temp	Part #	IPG	List Price
Standard Brass	155°F	12981AB	V120	$57.76
Standard Brass	175°F	12981AD	V120	$57.76
Standard Brass	200°F	12981AE	V120	$57.76
Standard Brass	286°F	12981AG	V120	$57.76
Chrome	155°F	12981FB	V120	$61.89
Chrome	175°F	12981FD	V120	$61.89
Chrome	200°F	12981FE	V120	$61.89
Chrome	286°F	12981FG	V120	$61.89
White-Polyester[1]	155°F	12981MB/W	V120	$61.89
White-Polyester	175°F	12981MD/W	V120	$61.89
White-Polyester	200°F	12981ME/W	V120	$61.89
White-Polyester	286°F	12981MG/W	V120	$61.89
Black-Polyester[1]	155°F	12981MB/B	V120	$88.38
Black-Polyester	175°F	12981MD/B	V120	$88.38
Black-Polyester	200°F	12981ME/B	V120	$88.38
Black-Polyester	286°F	12981MG/B	V120	$88.38
Std Sprinkler Wrench		21475M/B	V207	$75.37
Wrench for Rcsd w/Caps		13655W/B	V207	$145.25

Select Escutcheons - Recessed Pendent Sprinklers*

Recessed Escutcheon
Model E-1 (push-on)
(includes cup & adapter)
(OD = 3-1/16" / 78 mm)

Finish[2]	Size	Part #	IPG	List Price
Bright Brass	1/2"	06419AB	V201	$38.09
Polished Chrome	1/2"	06419AF	V200	$8.04
White	1/2"	06419AM/W	V200	$8.04
Black	1/2"	06419AM/B	V201	$16.65

Threaded Escutcheon
Model E-2 (thread-on)
(includes cup & adapter)
(OD = 3-1/8" / 80 mm)

Polished Chrome	1/2"	11038F	V200	$8.07
White	1/2"	11038M/W	V200	$8.07

**Refer to Page H-1 for complete list of available escutcheons*

(1) Suitable for decorative applications; UL listed for corrosion resistance.
(2) Also available with ENT (Electroless Nickel PTFE) plating for corrosion resistance (special order with extended lead time). Contact customer service for price and availability. Special order ENT plated sprinklers may not have listings/approvals.

Microfast® Model M
Quick Response
Standard Coverage
Glass Bulb
Upright

SIN:	VK327
K Factor:	4.2 (60)
Thread Size:	1/2 inch NPT
Base Part #:	06719B

Finish[2]	Temp	Part #	IPG	List Price
Standard Brass	155°F	06719BAB	V120	$55.66
Standard Brass	175°F	06719BAD	V120	$55.66
Standard Brass	200°F	06719BAE	V120	$55.66
Standard Brass	286°F	06719BAG	V120	$55.66
Chrome	155°F	06719BFB	V120	$59.66
Chrome	175°F	06719BFD	V120	$59.66
Chrome	200°F	06719BFE	V120	$59.66
Chrome	286°F	06719BFG	V120	$59.66
White-Polyester[1]	155°F	06719BMB/W	V120	$59.66
White-Polyester	175°F	06719BMD/W	V120	$59.66
White-Polyester	200°F	06719BME/W	V120	$59.66
White-Polyester	286°F	06719BMG/W	V120	$59.66
Black-Polyester[1]	155°F	06719BMB/B	V120	$88.38
Black-Polyester	175°F	06719BMD/B	V120	$88.38
Black-Polyester	200°F	06719BME/B	V120	$88.38
Black-Polyester	286°F	06719BMG/B	V120	$88.38
Std Sprinkler Wrench		21475M/B	V207	$75.37

Microfast® Model M
Quick Response
Standard Coverage
Glass Bulb
Pendent

SIN:	VK331
K Factor:	4.2 (60)
Thread Size:	1/2 inch NPT
Base Part #:	06720B

Finish[2]	Temp	Part #	IPG	List Price
Standard Brass	155°F	06720BAB	V120	$55.66
Standard Brass	175°F	06720BAD	V120	$55.66
Standard Brass	200°F	06720BAE	V120	$55.66
Standard Brass	286°F	06720BAG	V120	$55.66
Chrome	155°F	06720BFB	V120	$59.66
Chrome	175°F	06720BFD	V120	$59.66
Chrome	200°F	06720BFE	V120	$59.66
Chrome	286°F	06720BFG	V120	$59.66
White-Polyester[1]	155°F	06720BMB/W	V120	$59.66
White-Polyester	175°F	06720BMD/W	V120	$59.66
White-Polyester	200°F	06720BME/W	V120	$59.66
White-Polyester	286°F	06720BMG/W	V120	$59.66
Black-Polyester[1]	155°F	06720BMB/B	V120	$88.38
Black-Polyester	175°F	06720BMD/B	V120	$88.38
Black-Polyester	200°F	06720BME/B	V120	$88.38
Black-Polyester	286°F	06720BMG/B	V120	$88.38
Std Sprinkler Wrench		21475M/B	V207	$75.37
Wrench for Rcsd w/Caps		13655W/B	V207	$145.25

Select Escutcheons - Recessed Pendent Sprinklers*

Recessed Escutcheon
Model E-1 (push-on)
(includes cup & adapter)
(OD = 3-1/16" / 78 mm)

Finish[2]	Size	Part #	IPG	List Price
Bright Brass	1/2"	06419AB	V201	$38.09
Polished Chrome	1/2"	06419AF	V200	$8.04
White	1/2"	06419AM/W	V200	$8.04
Black	1/2"	06419AM/B	V201	$16.65

Threaded Escutcheon
Model E-2 (thread-on)
(includes cup & adapter)
(OD = 3-1/8" / 80 mm)

Polished Chrome	1/2"	11038F	V200	$8.07
White	1/2"	11038M/W	V200	$8.07

**Refer to Page H-1 for complete list of available escutcheons*

(1) Suitable for decorative applications; UL listed for corrosion resistance.
(2) Also available with ENT (Electroless Nickel PTFE) plating for corrosion resistance (special order with extended lead time). Contact customer service for price and availability. Special order ENT plated sprinklers may not have listings/approvals.

Microfast® Model M
Quick Response
Standard Coverage
Glass Bulb
Upright

SIN: VK300
K Factor: 5.6 (81)
Thread Size: 1/2 inch NPT
Base Part #: 12978

Finish	Temp	Part #	IPG	List Price
Standard Brass	135°F	12978AA	V120	$33.58
Standard Brass	155°F	12978AB	V120	$33.58
Standard Brass	175°F	12978AD	V120	$33.58
Standard Brass	200°F	12978AE	V120	$33.58
Standard Brass	286°F	12978AG	V120	$33.58
Chrome	135°F	12978FA	V120	$41.25
Chrome	155°F	12978FB	V120	$41.25
Chrome	175°F	12978FD	V120	$41.25
Chrome	200°F	12978FE	V120	$41.25
Chrome	286°F	12978FG	V120	$41.25
White-Polyester[1]	135°F	12978MA/W	V120	$41.25
White-Polyester	155°F	12978MB/W	V120	$41.25
White-Polyester	175°F	12978MD/W	V120	$41.25
White-Polyester	200°F	12978ME/W	V120	$41.25
White-Polyester	286°F	12978MG/W	V120	$41.25
Black-Polyester[1]	135°F	12978MA/B	V120	$68.74
Black-Polyester	155°F	12978MB/B	V120	$68.74
Black-Polyester	175°F	12978MD/B	V120	$68.74
Black-Polyester	200°F	12978ME/B	V120	$68.74
Black-Polyester	286°F	12978MG/B	V120	$68.74
Nickel PTFE (ENT)[2]	155°F	12978JNB	V188.A	$72.46
Nickel PTFE (ENT)	175°F	12978JND	V188.A	$72.46
Nickel PTFE (ENT)	200°F	12978JNE	V188.A	$72.46
Nickel PTFE (ENT)	286°F	12978JNG	V188.A	$72.46
Std Sprinkler Wrench		21475M/B	V207	$75.37

Microfast® Model M
Quick Response
Standard Coverage
Glass Bulb
Pendent

SIN: VK302
K Factor: 5.6 (81)
Thread Size: 1/2 inch NPT
Base Part #: 12979

Finish	Temp	Part #	IPG	List Price
Standard Brass	135°F	12979AA	V120	$32.73
Standard Brass	155°F	12979AB	V120	$32.73
Standard Brass	175°F	12979AD	V120	$32.73
Standard Brass	200°F	12979AE	V120	$32.73
Standard Brass	286°F	12979AG	V120	$32.73
Chrome	135°F	12979FA	V120	$32.73
Chrome	155°F	12979FB	V120	$32.73
Chrome	175°F	12979FD	V120	$32.73
Chrome	200°F	12979FE	V120	$32.73
Chrome	286°F	12979FG	V120	$32.73
White-Polyester[1]	135°F	12979MA/W	V120	$32.73
White-Polyester	155°F	12979MB/W	V120	$32.73
White-Polyester	175°F	12979MD/W	V120	$32.73
White-Polyester	200°F	12979ME/W	V120	$32.73
White-Polyester	286°F	12979MG/W	V120	$32.73
Black-Polyester[1]	135°F	12979MA/B	V120	$58.75
Black-Polyester	155°F	12979MB/B	V120	$58.75
Black-Polyester	175°F	12979MD/B	V120	$58.75
Black-Polyester	200°F	12979ME/B	V120	$58.75
Black-Polyester	286°F	12979MG/B	V120	$58.75
Nickel PTFE (ENT)[2]	155°F	12979JNB	V188.A	$72.46
Nickel PTFE (ENT)	175°F	12979JND	V188.A	$72.46
Nickel PTFE (ENT)	200°F	12979JNE	V188.A	$72.46
Nickel PTFE (ENT)	286°F	12979JNG	V188.A	$72.46
Std Sprinkler Wrench		21475M/B	V207	$75.37
Wrench for Rcsd w/Caps		13655W/B	V207	$145.25

Recessed Escutcheon
Model E-1 (push-on)
(includes cup & adapter)
(OD = 3-1/16" / 78 mm)

Finish[2]	Size	Part #	IPG	List Price
Bright Brass	1/2"	06419AB	V201	$38.09
Polished Chrome	1/2"	06419AF	V200	$8.04
White	1/2"	06419AM/W	V200	$8.04
Black	1/2"	06419AM/B	V201	$16.65

Threaded Escutcheon
Model E-2 (thread-on)
(includes cup & adapter)
(OD = 3-1/8" / 80 mm)

Polished Chrome	1/2"	11038F	V200	$8.07
White	1/2"	11038M/W	V200	$8.07

(1) Suitable for decorative application; UL listed for corrosion resistance.
(2) Electroless Nickel PTFE (ENT) plating is UL Listed and FM Approved for corrosion resistance.

XT1
Quick Response
Standard Coverage
Glass Bulb
Upright

SIN:	VK3001
K Factor:	5.6 (81)
Thread Size:	1/2 inch NPT
Base Part #:	19916

Finish	Temp	Part #	IPG	List Price
Standard Brass	135°F	19916AA	V120	$33.58
Standard Brass	155°F	19916AB	V120	$33.58
Standard Brass	175°F	19916AD	V120	$33.58
Standard Brass	200°F	19916AE	V120	$33.58
Standard Brass	286°F	19916AG	V120	$33.58
Chrome	135°F	19916FA	V120	$41.25
Chrome	155°F	19916FB	V120	$41.25
Chrome	175°F	19916FD	V120	$41.25
Chrome	200°F	19916FE	V120	$41.25
Chrome	286°F	19916FG	V120	$41.25
White-Polyester[1]	135°F	19916MA/W	V120	$41.25
White-Polyester	155°F	19916MB/W	V120	$41.25
White-Polyester	175°F	19916MD/W	V120	$41.25
White-Polyester	200°F	19916ME/W	V120	$41.25
White-Polyester	286°F	19916MG/W	V120	$41.25
Black-Polyester[1]	135°F	19916MA/B	V120	$68.74
Black-Polyester	155°F	19916MB/B	V120	$68.74
Black-Polyester	175°F	19916MD/B	V120	$68.74
Black-Polyester	200°F	19916ME/B	V120	$68.74
Black-Polyester	286°F	19916MG/B	V120	$68.74
Nickel PTFE (ENT)[2]	135°F	19916JNA	V188.A	$72.46
Nickel PTFE (ENT)[2]	155°F	19916JNB	V188.A	$72.46
Nickel PTFE (ENT)	175°F	19916JND	V188.A	$72.46
Nickel PTFE (ENT)	200°F	19916JNE	V188.A	$72.46
Nickel PTFE (ENT)	286°F	19916JNG	V188.A	$72.46

Installation Wrenches			
Wrench - Std Straight	22940MB	V207	$75.37
Wrench - Spk Cabinet	20901M/B	V207	$75.37

XT1
Quick Response
Standard Coverage
Glass Bulb
Pendent

SIN:	VK3021
K Factor:	5.6 (81)
Thread Size:	1/2 inch NPT
Base Part #:	19917

Finish	Temp	Part #	IPG	List Price
Standard Brass	135°F	19917AA	V120	$32.73
Standard Brass	155°F	19917AB	V120	$32.73
Standard Brass	175°F	19917AD	V120	$32.73
Standard Brass	200°F	19917AE	V120	$32.73
Standard Brass	286°F	19917AG	V120	$32.73
Chrome	135°F	19917FA	V120	$32.73
Chrome	155°F	19917FB	V120	$32.73
Chrome	175°F	19917FD	V120	$32.73
Chrome	200°F	19917FE	V120	$32.73
Chrome	286°F	19917FG	V120	$32.73
White-Polyester[1]	135°F	19917MA/W	V120	$32.73
White-Polyester	155°F	19917MB/W	V120	$32.73
White-Polyester	175°F	19917MD/W	V120	$32.73
White-Polyester	200°F	19917ME/W	V120	$32.73
White-Polyester	286°F	19917MG/W	V120	$32.73
Black-Polyester[1]	135°F	19917MA/B	V120	$58.75
Black-Polyester	155°F	19917MB/B	V120	$58.75
Black-Polyester	175°F	19917MD/B	V120	$58.75
Black-Polyester	200°F	19917ME/B	V120	$58.75
Black-Polyester	286°F	19917MG/B	V120	$58.75
Nickel PTFE (ENT)[2]	135°F	19917JNA	V188.A	$72.39
Nickel PTFE (ENT)[2]	155°F	19917JNB	V188.A	$72.39
Nickel PTFE (ENT)	175°F	19917JND	V188.A	$72.39
Nickel PTFE (ENT)	200°F	19917JNE	V188.A	$72.39
Nickel PTFE (ENT)	286°F	19917JNG	V188.A	$72.39

Select Escutcheons - Recessed Pendent Sprinklers*			
NP-1 push-on (chrome,½ in)	22066F	V200	$8.04
NP-1 push-on (white,½ in)	22066M/W	V200	$8.04
NP-2 threaded (chrome,½ in)	22067F	V200	$8.07

**Refer to Page H-1 for complete list of available escutcheons*

(1) Suitable for decorative application; UL listed for corrosion resistance.
(2) Electroless Nickel PTFE (ENT) plating is UL Listed and FM Approved for corrosion resistance.

Microfast® Model M
Quick Response
Standard Coverage
Glass Bulb
Upright

SIN:	VK350
K Factor:	8.0 (115)
Thread Size:	3/4 inch NPT
Base Part #:	18257

Finish	Temp	Part #	IPG	List Price
Standard Brass	155°F	18257AB	V131	$42.86
Standard Brass	175°F	18257AD	V131	$42.86
Standard Brass	200°F	18257AE	V131	$42.86
Standard Brass	286°F	18257AG	V131	$42.86
Chrome	155°F	18257FB	V131	$51.10
Chrome	175°F	18257FD	V131	$51.10
Chrome	200°F	18257FE	V131	$51.10
Chrome	286°F	18257FG	V131	$51.10
White-Polyester[1]	155°F	18257MB/W	V131	$51.10
White-Polyester	175°F	18257MD/W	V131	$51.10
White-Polyester	200°F	18257ME/W	V131	$51.10
White-Polyester	286°F	18257MG/W	V131	$51.10
Black-Polyester[1]	155°F	18257MB/B	V131	$68.99
Black-Polyester	175°F	18257MD/B	V131	$68.99
Black-Polyester	200°F	18257ME/B	V131	$68.99
Black-Polyester	286°F	18257MG/B	V131	$68.99
Nickel PTFE (ENT)[2]	155°F	18257JNB	V188.A	$105.94
Nickel PTFE (ENT)	175°F	18257JND	V188.A	$105.94
Nickel PTFE (ENT)	200°F	18257JNE	V188.A	$105.94
Nickel PTFE (ENT)	286°F	18257JNG	V188.A	$105.94
Std Sprinkler Wrench		21475M/B	V207	$75.37

Microfast® Model M
Quick Response
Standard Coverage
Glass Bulb
Pendent

SIN:	VK352
K Factor:	8.0 (115)
Thread Size:	3/4 inch NPT
Base Part #:	18258

Finish	Temp	Part #	IPG	List Price
Standard Brass	155°F	18258AB	V131	$50.01
Standard Brass	175°F	18258AD	V131	$50.01
Standard Brass	200°F	18258AE	V131	$50.01
Standard Brass	286°F	18258AG	V131	$50.01
Chrome	155°F	18258FB	V131	$59.62
Chrome	175°F	18258FD	V131	$59.62
Chrome	200°F	18258FE	V131	$59.62
Chrome	286°F	18258FG	V131	$59.62
White-Polyester[1]	155°F	18258MB/W	V131	$59.62
White-Polyester	175°F	18258MD/W	V131	$59.62
White-Polyester	200°F	18258ME/W	V131	$59.62
White-Polyester	286°F	18258MG/W	V131	$59.62
Black-Polyester[1]	155°F	18258MB/B	V131	$80.49
Black-Polyester	175°F	18258MD/B	V131	$80.49
Black-Polyester	200°F	18258ME/B	V131	$80.49
Black-Polyester	286°F	18258MG/B	V131	$80.49
Nickel PTFE (ENT)[2]	155°F	18258JNB	V188.A	$105.94
Nickel PTFE (ENT)	175°F	18258JND	V188.A	$105.94
Nickel PTFE (ENT)	200°F	18258JNE	V188.A	$105.94
Nickel PTFE (ENT)	286°F	18258JNG	V188.A	$105.94
Std Sprinkler Wrench		21475M/B	V207	$75.37
Wrench for Rcsd w/Caps		13655W/B	V207	$145.25

Select Escutcheons - Recessed Pendent Sprinklers*

Recessed Escutcheon
Model E-1 (push-on)
(includes cup & adapter)
(OD = 3-1/16" / 78 mm)

Finish	Size	Part #	IPG	List Price
Bright Brass	3/4"	20369B	V201	$38.09
Polished Chrome	3/4"	20369F	V200	$8.07
White	3/4"	20369M/W	V200	$8.07
Black	3/4"	20369M/B	V201	$16.65

Threaded Escutcheon
Model E-2 (thread-on)
(includes cup & adapter)
(OD = 3-1/8" / 80 mm)

Polished Chrome	3/4"	11625F	V200	$8.07
White	3/4"	11625M/W	V200	$8.07

**Refer to Page H-1 for complete list of available escutcheons*

(1) Suitable for decorative applications; UL listed for corrosion resistance.
(2) Electroless Nickel PTFE (ENT) plating is UL Listed and FM Approved for corrosion resistance.

XT1
Quick Response
Standard Coverage
Glass Bulb
Upright

SIN:	VK3501
K Factor:	8.0 (115)
Thread Size:	3/4 inch NPT
Base Part #:	19924

Finish	Temp	Part #	IPG	List Price
Standard Brass	135°F	19924AA	V131	$42.86
Standard Brass	155°F	19924AB	V131	$42.86
Standard Brass	175°F	19924AD	V131	$42.86
Standard Brass	200°F	19924AE	V131	$42.86
Standard Brass	286°F	19924AG	V131	$42.86
Chrome	135°F	19924FA	V131	$51.10
Chrome	155°F	19924FB	V131	$51.10
Chrome	175°F	19924FD	V131	$51.10
Chrome	200°F	19924FE	V131	$51.10
Chrome	286°F	19924FG	V131	$51.10
White-Polyester[1]	135°F	19924MA/W	V131	$51.10
White-Polyester[1]	155°F	19924MB/W	V131	$51.10
White-Polyester	175°F	19924MD/W	V131	$51.10
White-Polyester	200°F	19924ME/W	V131	$51.10
White-Polyester	286°F	19924MG/W	V131	$51.10
Black-Polyester[1]	135°F	19924MA/B	V131	$68.99
Black-Polyester[1]	155°F	19924MB/B	V131	$68.99
Black-Polyester	175°F	19924MD/B	V131	$68.99
Black-Polyester	200°F	19924ME/B	V131	$68.99
Black-Polyester	286°F	19924MG/B	V131	$68.99
Nickel PTFE (ENT)[2]	135°F	19924JNA	V188.A	$105.94
Nickel PTFE (ENT)[2]	155°F	19924JNB	V188.A	$105.94
Nickel PTFE (ENT)	175°F	19924JND	V188.A	$105.94
Nickel PTFE (ENT)	200°F	19924JNE	V188.A	$105.94
Nickel PTFE (ENT)	286°F	19924JNG	V188.A	$105.94

Installation Wrenches			
Wrench - Std Straight	22940MB	V207	$75.37
Wrench - Spk Cabinet	20901M/B	V207	$75.37

XT1
Quick Response
Standard Coverage
Glass Bulb
Pendent

SIN:	VK3521
K Factor:	8.0 (115)
Thread Size:	3/4 inch NPT
Base Part #:	19925

Finish	Temp	Part #	IPG	List Price
Standard Brass	135°F	19925AA	V131	$50.01
Standard Brass	155°F	19925AB	V131	$50.01
Standard Brass	175°F	19925AD	V131	$50.01
Standard Brass	200°F	19925AE	V131	$50.01
Standard Brass	286°F	19925AG	V131	$50.01
Chrome	135°F	19925FA	V131	$59.61
Chrome	155°F	19925FB	V131	$59.62
Chrome	175°F	19925FD	V131	$59.62
Chrome	200°F	19925FE	V131	$59.62
Chrome	286°F	19925FG	V131	$59.62
White-Polyester[1]	135°F	19925MA/W	V131	$59.61
White-Polyester[1]	155°F	19925MB/W	V131	$59.62
White-Polyester	175°F	19925MD/W	V131	$59.62
White-Polyester	200°F	19925ME/W	V131	$59.62
White-Polyester	286°F	19925MG/W	V131	$59.62
Black-Polyester[1]	135°F	19925MA/B	V131	$80.49
Black-Polyester[1]	155°F	19925MB/B	V131	$80.49
Black-Polyester	175°F	19925MD/B	V131	$80.49
Black-Polyester	200°F	19925ME/B	V131	$80.49
Black-Polyester	286°F	19925MG/B	V131	$80.49
Nickel PTFE (ENT)[2]	135°F	19925JNA	V188.A	$105.94
Nickel PTFE (ENT)[2]	155°F	19925JNB	V188.A	$105.94
Nickel PTFE (ENT)	175°F	19925JND	V188.A	$105.94
Nickel PTFE (ENT)	200°F	19925JNE	V188.A	$105.94
Nickel PTFE (ENT)	286°F	19925JNG	V188.A	$105.94

Select Escutcheons - Recessed Pendent Sprinklers*			
NP-1 push-on (chrome,¾ in)	22071F	V200	$8.07
NP-1 push-on (white,¾ in)	22071M/W	V200	$8.07
NP-2 threaded (chrome,¾ in)	22072M/W	V200	$8.07

**Refer to Page H-1 for complete list of available escutcheons*

(1) Suitable for decorative applications; UL listed for corrosion resistance.
(2) Electroless Nickel PTFE (ENT) plating is UL Listed and FM Approved for corrosion resistance.

Microfast® Model M
Quick Response
Standard Coverage
REPLACEMENT ONLY[2]
Glass Bulb
Upright

SIN:	VK350
K Factor:	8.0 (115)
Thread Size:	***1/2 inch NPT***
Base Part #:	18259

Finish	Temp	Part #	IPG	List Price
Standard Brass	155°F	18259AB	V130	$57.71
Standard Brass	175°F	18259AD	V130	$57.71
Standard Brass	200°F	18259AE	V130	$57.71
Standard Brass	286°F	18259AG	V130	$57.71
Chrome	155°F	18259FB	V130	$62.88
Chrome	175°F	18259FD	V130	$62.88
Chrome	200°F	18259FE	V130	$62.88
Chrome	286°F	18259FG	V130	$62.88
White-Polyester[1]	155°F	18259MB/W	V130	$62.88
White-Polyester	175°F	18259MD/W	V130	$62.88
White-Polyester	200°F	18259ME/W	V130	$62.88
White-Polyester	286°F	18259MG/W	V130	$62.88
Black-Polyester[1]	155°F	18259MB/B	V130	$62.88
Black-Polyester	175°F	18259MD/B	V130	$62.88
Black-Polyester	200°F	18259ME/B	V130	$62.88
Black-Polyester	286°F	18259MG/B	V130	$62.88
Nickel PTFE (ENT)[3]	155°F	18259JNB	V188.A	$179.44
Nickel PTFE (ENT)	175°F	18259JND	V188.A	$179.44
Nickel PTFE (ENT)	200°F	18259JNE	V188.A	$179.44
Nickel PTFE (ENT)	286°F	18259JNG	V188.A	$179.44
Std Sprinkler Wrench		21475M/B	V207	$75.37

Microfast® Model M
Quick Response
Standard Coverage
REPLACEMENT ONLY[2]
Glass Bulb
Pendent

SIN:	VK352
K Factor:	8.0 (115)
Thread Size:	***1/2 inch NPT***
Base Part #:	18260

Finish	Temp	Part #	IPG	List Price
Standard Brass	155°F	18260AB	V130	$57.71
Standard Brass	175°F	18260AD	V130	$57.71
Standard Brass	200°F	18260AE	V130	$57.71
Standard Brass	286°F	18260AG	V130	$57.71
Chrome	155°F	18260FB	V130	$62.88
Chrome	175°F	18260FD	V130	$62.88
Chrome	200°F	18260FE	V130	$62.88
Chrome	286°F	18260FG	V130	$62.88
White-Polyester[1]	155°F	18260MB/W	V130	$62.88
White-Polyester	175°F	18260MD/W	V130	$62.88
White-Polyester	200°F	18260ME/W	V130	$62.88
White-Polyester	286°F	18260MG/W	V130	$62.88
Black-Polyester[1]	155°F	18260MB/B	V130	$62.88
Black-Polyester	175°F	18260MD/B	V130	$62.88
Black-Polyester	200°F	18260ME/B	V130	$62.88
Black-Polyester	286°F	18260MG/B	V130	$62.88
Nickel PTFE (ENT)[3]	155°F	18260JNB	V188.A	$179.44
Nickel PTFE (ENT)	175°F	18260JND	V188.A	$179.44
Nickel PTFE (ENT)	200°F	18260JNE	V188.A	$179.44
Nickel PTFE (ENT)	286°F	18260JNG	V188.A	$179.44
Std Sprinkler Wrench		21475M/B	V207	$75.37
Wrench for Rcsd w/Caps		13655W/B	V207	$145.25

Select Escutcheons - Recessed Pendent Sprinklers*

Recessed Escutcheon
Model E-1 (push-on)
(includes cup & adapter)
(OD = 3-1/16" / 78 mm)

Finish	Size	Part #	IPG	List Price
Bright Brass	1/2"	06419AB	V201	$38.09
Polished Chrome	1/2"	06419AF	V200	$8.04
White	1/2"	06419AM/W	V200	$8.04
Black	1/2"	06419AM/B	V201	$16.65

Threaded Escutcheon
Model E-2 (thread-on)
(includes cup & adapter)
(OD = 3-1/8" / 80 mm)

Polished Chrome	1/2"	11038F	V200	$8.07
White	1/2"	11038M/W	V200	$8.07

**Refer to Page H-1 for complete list of available escutcheons*

(1) Suitable for decorative applications; UL listed for corrosion resistance.
(2) REPLACEMENT ONLY - 8.0 K Factor sprinklers with 1/2" NPT thread size are not intended for use in new installations.
(3) Electroless Nickel PTFE (ENT) plating is UL Listed and FM Approved for corrosion resistance.

XT1
Quick Response
Standard Coverage
REPLACEMENT ONLY[2]
Glass Bulb
Upright

SIN:	VK3502
K Factor:	8.0 (115)
Thread Size:	***1/2 inch NPT***
Base Part #:	19920

Finish	Temp	Part #	IPG	List Price
Standard Brass	135°F	19920AA	V130	$57.71
Standard Brass	155°F	19920AB	V130	$57.71
Standard Brass	175°F	19920AD	V130	$57.71
Standard Brass	200°F	19920AE	V130	$57.71
Standard Brass	286°F	19920AG	V130	$57.71
Chrome	135°F	19920FA	V130	$62.88
Chrome	155°F	19920FB	V130	$62.88
Chrome	175°F	19920FD	V130	$62.88
Chrome	200°F	19920FE	V130	$62.88
Chrome	286°F	19920FG	V130	$62.88
White-Polyester[1]	135°F	19920MA/W	V130	$62.88
White-Polyester	155°F	19920MB/W	V130	$62.88
White-Polyester	175°F	19920MD/W	V130	$62.88
White-Polyester	200°F	19920ME/W	V130	$62.88
White-Polyester	286°F	19920MG/W	V130	$62.88
Black-Polyester[1]	135°F	19920MA/B	V130	$62.88
Black-Polyester	155°F	19920MB/B	V130	$62.88
Black-Polyester	175°F	19920MD/B	V130	$62.88
Black-Polyester	200°F	19920ME/B	V130	$62.88
Black-Polyester	286°F	19920MG/B	V130	$62.88
Nickel PTFE (ENT)[3]	135°F	19920JNA	V188.A	$179.44
Nickel PTFE (ENT)	155°F	19920JNB	V188.A	$179.44
Nickel PTFE (ENT)	175°F	19920JND	V188.A	$179.44
Nickel PTFE (ENT)	200°F	19920JNE	V188.A	$179.44
Nickel PTFE (ENT)	286°F	19920JNG	V188.A	$179.44

XT1
Quick Response
Standard Coverage
REPLACEMENT ONLY[2]
Glass Bulb
Pendent

SIN:	VK3522
K Factor:	8.0 (115)
Thread Size:	***1/2 inch NPT***
Base Part #:	19921

Finish	Temp	Part #	IPG	List Price
Standard Brass	135°F	19921AA	V130	$57.71
Standard Brass	155°F	19921AB	V130	$57.71
Standard Brass	175°F	19921AD	V130	$57.71
Standard Brass	200°F	19921AE	V130	$57.71
Standard Brass	286°F	19921AG	V130	$57.71
Chrome	135°F	19921FA	V130	$62.88
Chrome	155°F	19921FB	V130	$62.88
Chrome	175°F	19921FD	V130	$62.88
Chrome	200°F	19921FE	V130	$62.88
Chrome	286°F	19921FG	V130	$62.88
White-Polyester[1]	135°F	19921MA/W	V130	$62.88
White-Polyester	155°F	19921MB/W	V130	$62.88
White-Polyester	175°F	19921MD/W	V130	$62.88
White-Polyester	200°F	19921ME/W	V130	$62.88
White-Polyester	286°F	19921MG/W	V130	$62.88
Black-Polyester[1]	135°F	19921MA/B	V130	$62.88
Black-Polyester	155°F	19921MB/B	V130	$62.88
Black-Polyester	175°F	19921MD/B	V130	$62.88
Black-Polyester	200°F	19921ME/B	V130	$62.88
Black-Polyester	286°F	19921MG/B	V130	$62.88
Nickel PTFE (ENT)[3]	135°F	19921JNA	V188.A	$179.44
Nickel PTFE (ENT)	155°F	19921JNB	V188.A	$179.44
Nickel PTFE (ENT)	175°F	19921JND	V188.A	$179.44
Nickel PTFE (ENT)	200°F	19921JNE	V188.A	$179.44
Nickel PTFE (ENT)	286°F	19921JNG	V188.A	$179.44

Installation Wrenches			
Wrench - Std Straight	22940MB	V207	$75.37
Wrench - Spk Cabinet	20901M/B	V207	$75.37

Select Escutcheons - Recessed Pendent Sprinklers*			
NP-1 push-on (chrome,½ in)	22066F	V200	$8.04
NP-1 push-on (white,½ in)	22066M/W	V200	$8.04
NP-2 threaded (chrome,½ in)	22067F	V200	$8.07

**Refer to Page H-1 for complete list of available escutcheons*

(1) Suitable for decorative applications; UL listed for corrosion resistance.
(2) REPLACEMENT ONLY - 8.0 K Factor sprinklers with 1/2" NPT thread size are not intended for use in new installations.
(3) Electroless Nickel PTFE (ENT) plating is UL Listed and FM Approved for corrosion resistance.

Microfast® Model M
Quick Response
Standard Coverage
Glass Bulb
Conventional

SIN:	VK310
K Factor:	5.6 (81)
Thread Size:	1/2 inch NPT
Base Part #:	19391

Finish	Temp	Part #	IPG	List Price
Standard Brass	155°F	19391AB	V120	$36.83
Standard Brass	175°F	19391AD	V120	$36.83
Standard Brass	200°F	19391AE	V120	$36.83
Standard Brass	286°F	19391AG	V120	$36.83
Chrome	155°F	19391FB	V120	$38.30
Chrome	175°F	19391FD	V120	$38.30
Chrome	200°F	19391FE	V120	$38.30
Chrome	286°F	19391FG	V120	$38.30
White-Polyester[1]	155°F	19391MB/W	V120	$38.30
White-Polyester	175°F	19391MD/W	V120	$38.30
White-Polyester	200°F	19391ME/W	V120	$38.30
White-Polyester	286°F	19391MG/W	V120	$38.30
Black-Polyester[1]	155°F	19391MB/B	V120	$68.74
Black-Polyester	175°F	19391MD/B	V120	$68.74
Black-Polyester	200°F	19391ME/B	V120	$68.74
Black-Polyester	286°F	19391MG/B	V120	$68.74
Nickel PTFE (ENT)[2]	155°F	19391JNB	V188.A	$65.62
Nickel PTFE (ENT)	175°F	19391JND	V188.A	$65.62
Nickel PTFE (ENT)	200°F	19391JNE	V188.A	$65.62
Nickel PTFE (ENT)	286°F	19391JNG	V188.A	$65.62
Std Sprinkler Wrench		21475M/B	V207	$75.37

Microfast® Model M
Quick Response
Standard Coverage
Glass Bulb
Conventional

SIN:	VK354
K Factor:	8.0 (115)
Thread Size:	3/4 inch NPT
Base Part #:	18261

Finish	Temp	Part #	IPG	List Price
Standard Brass	155°F	18261AB	V131	$59.62
Standard Brass	175°F	18261AD	V131	$59.62
Standard Brass	200°F	18261AE	V131	$59.62
Standard Brass	286°F	18261AG	V131	$59.62
Chrome	155°F	18261FB	V131	$69.53
Chrome	175°F	18261FD	V131	$69.53
Chrome	200°F	18261FE	V131	$69.53
Chrome	286°F	18261FG	V131	$69.53
White-Polyester[1]	155°F	18261MB/W	V131	$69.53
White-Polyester	175°F	18261MD/W	V131	$69.53
White-Polyester	200°F	18261ME/W	V131	$69.53
White-Polyester	286°F	18261MG/W	V131	$69.53
Black-Polyester[1]	155°F	18261MB/B	V131	$88.28
Black-Polyester	175°F	18261MD/B	V131	$88.28
Black-Polyester	200°F	18261ME/B	V131	$88.28
Black-Polyester	286°F	18261MG/B	V131	$88.28
Nickel PTFE (ENT)[2]	155°F	18261JNB	V188.A	$85.45
Nickel PTFE (ENT)	175°F	18261JND	V188.A	$85.45
Nickel PTFE (ENT)	200°F	18261JNE	V188.A	$85.45
Nickel PTFE (ENT)	286°F	18261JNG	V188.A	$85.45
Std Sprinkler Wrench		21475M/B	V207	$75.37

Select Escutcheons - Recessed Pendent Sprinklers*

Recessed Escutcheon
Model E-1 (push-on)
(includes cup & adapter)
(OD = 3-1/16" / 78 mm)

Finish	Size	Part #	IPG	List Price
Bright Brass	1/2"	06419AB	V201	$38.09
Polished Chrome	1/2"	06419AF	V200	$8.04
White	1/2"	06419AM/W	V200	$8.04
Black	1/2"	06419AM/B	V201	$16.65

Threaded Escutcheon
Model E-2 (thread-on)
(includes cup & adapter)
(OD = 3-1/8" / 80 mm)

Polished Chrome	1/2"	11038F	V200	$8.07
White	1/2"	11038M/W	V200	$8.07

**Refer to Page H-1 for complete list of available escutcheons*

Select Escutcheons - Recessed Pendent Sprinklers*

Recessed Escutcheon
Model E-1 (push-on)
(includes cup & adapter)
(OD = 3-1/16" / 78 mm)

Finish	Size	Part #	IPG	List Price
Bright Brass	3/4"	20369B	V201	$38.09
Polished Chrome	3/4"	20369F	V200	$8.07
White	3/4"	20369M/W	V200	$8.07
Black	3/4"	20369M/B	V201	$16.65

Threaded Escutcheon
Model E-2 (thread-on)
(includes cup & adapter)
(OD = 3-1/8" / 80 mm)

Polished Chrome	3/4"	11625F	V200	$8.07
White	3/4"	11625M/W	V200	$8.07

**Refer to Page H-1 for complete list of available escutcheons*

(1) Suitable for decorative applications; UL listed for corrosion resistance.
(2) Electroless Nickel PTFE (ENT) plating is UL Listed and FM Approved for corrosion resistance.

Microfast® Model M
Quick Response
Standard Coverage
Glass Bulb
Horizontal Sidewall

SIN: VK333
K Factor: 2.8 (40)
Thread Size: 1/2 inch NPT
Base Part #: 10035

Finish[2]	Temp	Part #	IPG	List Price
Standard Brass	155°F	10035AB	V126	$81.99
Standard Brass	175°F	10035AD	V126	$81.99
Standard Brass	200°F	10035AE	V126	$81.99
Standard Brass	286°F	10035AG	V126	$81.99
Chrome	155°F	10035FB	V126	$87.49
Chrome	175°F	10035FD	V126	$87.49
Chrome	200°F	10035FE	V126	$87.49
Chrome	286°F	10035FG	V126	$87.49
White-Polyester[1]	155°F	10035MB/W	V126	$87.49
White-Polyester	175°F	10035MD/W	V126	$87.49
White-Polyester	200°F	10035ME/W	V126	$87.49
White-Polyester	286°F	10035MG/W	V126	$87.49
Black-Polyester[1]	155°F	10035MB/B	V126	$100.49
Black-Polyester	175°F	10035MD/B	V126	$100.49
Black-Polyester	200°F	10035ME/B	V126	$100.49
Black-Polyester	286°F	10035MG/B	V126	$100.49
Std Sprinkler Wrench		21475M/B	V207	$75.37
Wrench for Rcsd w/Clip		13655W/B	V207	$145.25

Microfast® Model M
Quick Response
Standard Coverage
Glass Bulb
Vertical Sidewall

SIN: VK306[2]
K Factor: 5.6 (81)
Thread Size: 1/2 inch NPT
Base Part #: 12983

Finish[2]	Temp	Part #	IPG	List Price
Standard Brass	155°F	12983AB	V126	$81.99
Standard Brass	175°F	12983AD	V126	$81.99
Standard Brass	200°F	12983AE	V126	$81.99
Standard Brass	286°F	12983AG	V126	$81.99
Chrome	155°F	12983FB	V126	$87.49
Chrome	175°F	12983FD	V126	$87.49
Chrome	200°F	12983FE	V126	$87.49
Chrome	286°F	12983FG	V126	$87.49
White-Polyester	155°F	12983MB/W	V126	$87.49
White-Polyester	175°F	12983MD/W	V126	$87.49
White-Polyester	200°F	12983ME/W	V126	$87.49
White-Polyester	286°F	12983MG/W	V126	$87.49
Black-Polyester	155°F	12983MB/B	V126	$100.49
Black-Polyester	175°F	12983MD/B	V126	$100.49
Black-Polyester	200°F	12983ME/B	V126	$100.49
Black-Polyester	286°F	12983MG/B	V126	$100.49
Std Sprinkler Wrench		21475M/B	V207	$75.37

Select Escutcheons - Recessed Pendent Sprinklers*

Recessed Escutcheon
Model E-1 (push-on)
(includes cup & adapter)
(OD = 3-1/16" / 78 mm)

Finish	Size	Part #	IPG	List Price
Bright Brass	1/2"	06419AB	V201	$38.09
Polished Chrome	1/2"	06419AF	V200	$8.04
White	1/2"	06419AM/W	V200	$8.04
Black	1/2"	06419AM/B	V201	$16.65

Threaded Escutcheon
Model E-2 (thread-on)
(includes cup & adapter)
(OD = 3-1/8" / 80 mm)

Polished Chrome	1/2"	11038F	V200	$8.07
White	1/2"	11038M/W	V200	$8.07

**Refer to Page H-1 for complete list of available escutcheons*

(1) Suitable for decorative application; UL listed for corrosion resistance.
(2) Also available with ENT (Electroless Nickel PTFE) plating for corrosion resistance (special order with extended lead time). Contact customer service for price and availability. Special order ENT plated sprinklers may not have listings/approvals.

Microfast® Model M
Quick Response
Standard Coverage
Glass Bulb
Horizontal Sidewall

SIN: VK305[1]
K Factor: 5.6 (81)
Thread Size: 1/2 inch NPT
Base Part #: 12997

Finish	Temp	Part #	IPG	List Price
Standard Brass	155°F	12997AB	V126	$54.60
Standard Brass	175°F	12997AD	V126	$54.60
Standard Brass	200°F	12997AE	V126	$54.60
Standard Brass	286°F	12997AG	V126	$54.60
Chrome	155°F	12997FB	V126	$58.80
Chrome	175°F	12997FD	V126	$58.80
Chrome	200°F	12997FE	V126	$58.80
Chrome	286°F	12997FG	V126	$58.80
White-Polyester[2]	155°F	12997MB/W	V126	$59.50
White-Polyester	175°F	12997MD/W	V126	$59.50
White-Polyester	200°F	12997ME/W	V126	$59.50
White-Polyester	286°F	12997MG/W	V126	$59.50
Black-Polyester[2]	155°F	12997MB/B	V126	$82.30
Black-Polyester	175°F	12997MD/B	V126	$82.30
Black-Polyester	200°F	12997ME/B	V126	$82.30
Black-Polyester	286°F	12997MG/B	V126	$82.30
Nickel PTFE (ENT)[3]	155°F	12997JNB	V188.A	$85.45
Nickel PTFE (ENT)	175°F	12997JND	V188.A	$85.45
Nickel PTFE (ENT)	200°F	12997JNE	V188.A	$85.45
Nickel PTFE (ENT)	286°F	12997JNG	V188.A	$85.45
Std Sprinkler Wrench		21475M/B	V207	$75.37
Wrench for Rcsd w/Clip		13655W/B	V207	$145.25

Microfast® Model M
Quick Response
Standard Coverage
Glass Bulb
Horizontal Sidewall

SIN: VK360[1]
K Factor: 8.0 (115)
Thread Size: 3/4 inch NPT
Base Part #: 15591

Finish	Temp	Part #	IPG	List Price
Standard Brass	135°F	15591AA	V132	$52.86
Standard Brass	155°F	15591AB	V132	$52.86
Standard Brass	175°F	15591AD	V132	$52.86
Standard Brass	200°F	15591AE	V132	$52.86
Chrome	135°F	15591FA	V132	$60.83
Chrome	155°F	15591FB	V132	$60.83
Chrome	175°F	15591FD	V132	$60.83
Chrome	200°F	15591FE	V132	$60.83
White-Polyester[2]	135°F	15591MA/W	V132	$60.83
White-Polyester	155°F	15591MB/W	V132	$60.83
White-Polyester	175°F	15591MD/W	V132	$60.83
White-Polyester	200°F	15591ME/W	V132	$60.83
Black-Polyester[2]	135°F	15591MA/B	V132	$60.83
Black-Polyester	155°F	15591MB/B	V132	$60.83
Black-Polyester	175°F	15591MD/B	V132	$60.83
Black-Polyester	200°F	15591ME/B	V132	$60.83
Std Sprinkler Wrench		21475M/B	V207	$75.37
Wrench for Rcsd w/Clip		13655W/B	V207	$145.25

Select Escutcheons - Recessed Pendent Sprinklers*

Recessed Escutcheon
Model E-1 (push-on)
(includes cup & adapter)
(OD = 3-1/16" / 78 mm)

Finish	Size	Part #	IPG	List Price
Bright Brass	1/2"	06419AB	V201	$38.09
Polished Chrome	1/2"	06419AF	V200	$8.04
White	1/2"	06419AM/W	V200	$8.04
Black	1/2"	06419AM/B	V201	$16.65

Threaded Escutcheon
Model E-2 (thread-on)
(includes cup & adapter)
(OD = 3-1/8" / 80 mm)

Polished Chrome	1/2"	11038F	V200	$8.07
White	1/2"	11038M/W	V200	$8.07

**Refer to Page H-1 for complete list of available escutcheons*

Select Escutcheons - Recessed Pendent Sprinklers*

Recessed Escutcheon
Model E-1 (push-on)
(includes cup & adapter)
(OD = 3-1/16" / 78 mm)

Finish	Size	Part #	IPG	List Price
Bright Brass	3/4"	20369B	V201	$38.09
Polished Chrome	3/4"	20369F	V200	$8.07
White	3/4"	20369M/W	V200	$8.07
Black	3/4"	20369M/B	V201	$16.65

Threaded Escutcheon
Model E-2 (thread-on)
(includes cup & adapter)
(OD = 3-1/8" / 80 mm)

Polished Chrome	3/4"	11625F	V200	$8.07
White	3/4"	11625M/W	V200	$8.07

**Refer to Page H-1 for complete list of available escutcheons*

(1) Light/Ordinary hazard
(2) Suitable for decorative applications; UL Listed for corrosion resistance.
(3) Electroless Nickel PTFE (ENT) plating is UL Listed and FM Approved for corrosion resistance.

Mirage®
Quick Response
Standard Coverage
Glass Bulb
Concealed Pendent

SIN: VK461
K Factor: 2.8 (40)
Thread Size: 1/2 inch NPT
Base Part #: 13831A

Finish	Temp	Part #	IPG	List Price
Standard Brass	155°F	13831AB	V129	$71.58
Standard Brass	175°F	13831AD	V129	$71.58
Standard Brass	200°F	13831AE	V129	$71.58

Mirage®
Quick Response
Standard Coverage
Glass Bulb
Concealed Pendent

SIN: VK465
K Factor: 4.2 (60)
Thread Size: 1/2 inch NPT
Base Part #: 14262A

Finish	Temp	Part #	IPG	List Price
Standard Brass	155°F	14262AB	V129	$76.38
Standard Brass	175°F	14262AD	V129	$76.38
Standard Brass	200°F	14262AE	V129	$76.38

COVER PLATES AND WRENCHES ARE SOLD SEPARATELY - SEE PAGE B-13 AND B-14 FOR DETAILS

Mirage® [1]
Quick Response
Standard Coverage
Glass Bulb
Concealed Pendent

SIN: VK462 (1)
K Factor: 5.6 (81)
Thread Size: 1/2 inch NPT
Base Part #: 13503A

Finish	Temp	Part #	IPG	List Price
Standard Brass	155°F	13503AB	V129	$51.55
Standard Brass	175°F	13503AD	V129	$51.55
Standard Brass	200°F	13503AE	V129	$51.55

Mirage® - HIGH PRESSURE
Quick Response
Standard Coverage
Glass Bulb
Concealed Pendent

SIN: VK463
K Factor: 5.6 (81)
Thread Size: 1/2 inch NPT
Base Part #: 13667A

Finish	Temp	Part #	IPG	List Price
Standard Brass	155°F	13667AB	V129	$61.10
Standard Brass	175°F	13667AD	V129	$61.10
Standard Brass	200°F	13667AE	V129	$61.10

COVER PLATES AND WRENCHES ARE SOLD SEPARATELY - SEE PAGE B-13 AND B-14 FOR DETAILS

Mirage®
Quick Response
Standard Coverage
Glass Bulb
Concealed Pendent

SIN: VK464
K Factor: 8.0 (115)
Thread Size: 3/4 inch NPT
Base Part #: 13614A

Finish	Temp	Part #	IPG	List Price
Standard Brass	155°F	13614AB	V129	$91.66
Standard Brass	175°F	13614AD	V129	$91.66
Standard Brass	200°F	13614AE	V129	$91.66

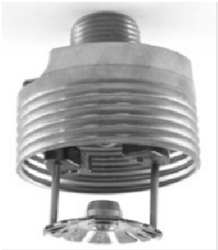
ELO Mirage® [2]
Quick Response
Standard Coverage
Fusible Link
Concealed Pendent

SIN: VK469
K Factor: 11.2 (161)
Thread Size: 3/4 inch NPT
Base Part #: 15764A

Finish	Temp	Part #	IPG	List Price
Standard Brass	165°F	15764AC	V129	$123.61
Standard Brass	205°F	15764AE	V129	$123.61

(2) Use only cover pl

COVER PLATES AND WRENCHES ARE SOLD SEPARATELY - SEE PAGE B-13 AND B-14 FOR DETAILS



Mirage MRI Room Sprinkler*
Quick Response
Standard Coverage
Glass Bulb
Concealed Pendent

SIN: VK462-MRI
K Factor: 5.6 (81)
Thread Size: 1/2 inch NPT
Base Part #: 15480A

Finish	Temp	Part #	IPG	List Price
Standard Brass	155°F	15480AB	V129	$261.71
Standard Brass	175°F	15480AD	V129	$261.71
Standard Brass	200°F	15480AE	V129	$261.71

Mirage MRI Room Sprinkler*
Quick Response
Standard Coverage
Glass Bulb
Concealed Pendent

SIN: VK464-MRI
K Factor: 8.0 (115)
Thread Size: 3/4 inch NPT
Base Part #: 15481A

Finish	Temp	Part #	IPG	List Price
Standard Brass	155°F	15481AB	V129	$291.22
Standard Brass	175°F	15481AD	V129	$291.22
Standard Brass	200°F	15481AE	V129	$291.22

** For use in a high magnetic field environment, such as an MRI room (cover plates sold separately - See B-13)*

(1) Model VK462 available with special ENT finish for use in certain corrosive environments. Contact customer service for price and availability.

Standard Cover Plate

Diameter = 2-3/4 inches

Use w/ VK461, 462, 463, 464, 465

Finish	Temp	Part #	IPG	List
Polished Chrome	135°F	13504FA	V208	$34.90
Polished Chrome	165°F	13504FC	V208	$34.90
White	135°F	13504MA/W	V208	$34.90
White	165°F	13504MC/W	V208	$34.90
Ivory	135°F	13504MA/I	V209	$43.67
Ivory	165°F	13504MC/I	V209	$43.67
Black	135°F	13504MA/B	V209	$43.67
Black	165°F	13504MC/B	V209	$43.67
Bright Brass	135°F	13504BA	V209	$43.67
Bright Brass	165°F	13504BC	V209	$43.67
Brushed Brass	135°F	13504BA/B	V209	$43.67
Brushed Brass	165°F	13504BC/B	V209	$43.67
Antique Brass	135°F	13504BA/A	V209	$43.67
Antique Brass	165°F	13504BC/A	V209	$43.67
Brushed Copper	135°F	13504EA/B	V209	$43.67
Brushed Copper	165°F	13504EC/B	V209	$43.67
Brushed Chrome	135°F	13504FA/B	V209	$43.67
Brushed Chrome	165°F	13504FC/B	V209	$43.67

Large Cover Plate

Diameter = 3-5/16 inches

Use w/ VK461, 462, 463, 464, 465

Finish	Temp	Part #	IPG	List
Polished Chrome	135°F	13642FA	V208	$34.90
Polished Chrome	165°F	13642FC	V208	$34.90
White	135°F	13642MA/W	V208	$34.90
White	165°F	13642MC/W	V208	$34.90
Ivory	135°F	13642MA/I	V209	$43.67
Ivory	165°F	13642MC/I	V209	$43.67
Black	135°F	13642MA/B	V209	$43.67
Black	165°F	13642MC/B	V209	$43.67
Bright Brass	135°F	13642BA	V209	$43.67
Bright Brass	165°F	13642BC	V209	$43.67
Brushed Brass	135°F	13642BA/B	V209	$43.67
Brushed Brass	165°F	13642BC/B	V209	$43.67
Antique Brass	135°F	13642BA/A	V209	$43.67
Antique Brass	165°F	13642BC/A	V209	$43.67
Brushed Copper	135°F	13642EA/B	V209	$43.67
Brushed Copper	165°F	13642EC/B	V209	$43.67
Brushed Chrome	135°F	13642FA/B	V209	$43.67
Brushed Chrome	165°F	13642FC/B	V209	$43.67

Square Cover Plate

Use w/ VK461, 462, 463, 464, 465

Finish	Temp	Part #	IPG	List
Polished Chrome	135°F	15394FA	V210	$60.07
Polished Chrome	165°F	15394FC	V210	$60.07
White	135°F	15394MA/W	V210	$57.66
White	165°F	15394MC/W	V210	$57.66
Ivory	135°F	15394MA/I	V209	$43.67
Ivory	165°F	15394MC/I	V210	$57.66
Black	135°F	15394MA/B	V210	$57.66
Black	165°F	15394MC/B	V210	$57.66
Bright Brass	135°F	15394BA	V210	$70.32
Bright Brass	165°F	15394BC	V210	$70.32
Brushed Brass	135°F	15394BA/B	V210	$70.32
Brushed Brass	165°F	15394BC/B	V210	$70.32
Antique Brass	135°F	15394BA/A	V210	$70.32
Antique Brass	165°F	15394BC/A	V210	$70.32
Brushed Copper	135°F	15394EA/B	V210	$70.32
Brushed Copper	165°F	15394EC/B	V210	$70.32
Brushed Chrome	135°F	15394FA/B	V210	$70.32
Brushed Chrome	165°F	15394FC/B	V210	$70.32

Mirage ELO Cover Plate

Diameter = 3-5/16 inches

Use w/ VK469, VK636, VK538

Finish	Temp	Part #	IPG	List
Polished Chrome	135°F	15765FA	V208	$34.90
Polished Chrome	165°F	15765FC	V208	$34.90
White	135°F	15765MA/W	V208	$34.90
White	165°F	15765MC/W	V208	$34.90
Ivory	135°F	15765MA/I	V209	$43.67
Ivory	165°F	15765MC/I	V209	$43.67
Black	135°F	15765MA/B	V209	$43.67
Black	165°F	15765MC/B	V209	$43.67

For information on Stainless Steel Cover Plates, please refer to Page H-6.

Cleanroom Cover Assembly

Diameter = 3-5/16 inches
cULus listed

For use w/ VK462 and VK464 only

Gasket color is white

- *Provides seal for cleanroom and clean zone environments*
- *VK462 retains QR listing with cleanroom cover plate installed*
- *Cover plate available in 135°F and 165°F temperature rating*
- *Also listed for use with Mirage-MRI room sprinkler*

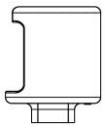
Finish	Temp	Part #	IPG	List
Polished Chrome	135°F	13642FA/CR	V211	$90.93
Polished Chrome	165°F	13642FC/CR	V211	$90.93
White	135°F	13642MA/W/CR	V211	$90.93
White	165°F	13642MC/W/CR	V211	$90.93
Ivory	135°F	13642MA/I/CR	V211	$90.93
Ivory	165°F	13642MC/I/CR	V211	$90.93
Black	135°F	13642MA/B/CR	V211	$90.93
Black	165°F	13642MC/B/CR	V211	$90.93

Mirage® Concealed Pendent Sprinklers - Wrenches and Special Installation Tools

Standard / Heavy Duty Wrench
(use with all Mirage sprinklers except ELO spk)

Part #	IPG	List Price
14047W/B	V207	$145.25

Standard / Heavy Duty Wrench (ELO concealed)
(use only with Mirage ELO concealed sprinklers)



Part #	IPG	List Price
15467W/B	V207	$145.25

Standard / Light Duty Wrench
(use with all Mirage sprinklers except ELO spk)

Part #	IPG	List Price
(use with all Mirage sprinklers except ELO spk)		
14031	V205	$29.74
(use only with Mirage ELO concealed sprinklers)		
15466	V205	$29.74

Cover Plate Installation Tool
Standard Diameter Cover Plates

Part #	IPG	List Price
14412	V205	$13.11

Cover Plate Installation Tool
Large Diameter Cover Plates

Part #	IPG	List Price
14867	V205	$13.11

Quick Response
Standard Coverage
Fusible Link
Light/Ordinary Hazard
Concealed Sidewall

SIN:	VK481
K Factor:	5.6 (81)
Thread Size:	1/2 inch NPT
Base Part #:	17555A

Finish	Temp	Part #	IPG	List Price
Standard Brass	165°F	17555AC	V127	$108.94
Standard Brass	205°F	17555AE	V127	$108.94
Heavy Duty Spk Wrench		16208W/R	V207	$145.25
Head Cabinet Wrench		16267	V207	$29.77

Cover plate sold separately (see below)

VK481 Cover Plate[1]
Diameter = 3-5/16 inches

Finish	Temp	Part #	IPG	List Price
White	135°F	16207MA/W	V213	$40.61
White	165°F	16207MC/W	V213	$40.61
Cover Plate Installation Tool		14867	V205	$13.11

Horizon® Flush (Model H-1)[2]
Quick Response
Standard Coverage
Fusible Link

SIN:	VK402[4]
K Factor:	5.6 (81)
Thread Size:	1/2 inch NPT
Base Part #:	06702B

Finish	Temp	Part #	IPG	List Price
Chrome	165°F	06702BFC	V128	$81.07
Painted White	165°F	06702BMC/W	V128	$82.50
Heavy Duty Spk Wrench		08336W/B	V207	$145.25
Light Duty Spk Wrench		10366W/B	V207	$34.35

Flush Pendent[3]
Quick Response
Standard Coverage
Fusible Link

SIN:	VK478[4]
K Factor:	5.6 (81)
Thread Size:	1/2 inch NPT
Base Part #:	19995

Finish	Temp	Part #	IPG	List Price
Painted White	165°F	19995MC/W	V128	$73.25
Painted White	205°F	19995ME/W	V128	$73.25
RAL9010/Pure White	165°F	19995MC/RAL9010	V128	$81.38
RAL9010/Pure White	205°F	19995MC/RAL9010	V128	$81.38
Heavy Duty Spk Wrench		15209W/R	V207	$145.25

(1) Cover plates sold separately. Covers are also available in custom colors at an additional charge (see pg. F-8)
(2) Ceiling rings for Horizon Model H-1 flush pendent sprinklers (VK402) are sold separately.
(3) Ceiling rings for new Model VK478 flush pendent sprinklers are INCLUDED with the sprinkler.
(4) See page H-8 for ceiling rings for both the Horizon Model H-1 (VK402) and the new Model VK478 flush pendent sprinkler.

Microfast® Model M
Quick Response
Standard Coverage
FUSIBLE LINK[1]
Upright Sprinklers

Finish	Temp	Part #	IPG	List Price
VK326 - 2.8 (40) K Factor - 1/2 in NPT				
Standard Brass	165°F	13956AC	V124	$64.46
Standard Brass	205°F	13956AE	V124	$64.46
Standard Brass	280°F	13956AG	V124	$64.46
Chrome	165°F	13956FC	V124	$70.40
Chrome	205°F	13956FE	V124	$70.40
Chrome	280°F	13956FG	V124	$70.40
White-Polyester	165°F	13956MC/W	V124	$70.40
White-Polyester	205°F	13956ME/W	V124	$70.40
White-Polyester	280°F	13956MG/W	V124	$70.40
VK328 - 4.2 (60) K Factor - 1/2 in NPT				
Standard Brass	165°F	13958AC	V124	$64.46
Standard Brass	205°F	13958AE	V124	$64.46
Standard Brass	280°F	13958AG	V124	$64.46
Chrome	165°F	13958FC	V124	$70.40
Chrome	205°F	13958FE	V124	$70.40
Chrome	280°F	13958FG	V124	$70.40
White-Polyester	165°F	13958MC/W	V124	$70.40
White-Polyester	205°F	13958ME/W	V124	$70.40
White-Polyester	280°F	13958MG/W	V124	$70.40
VK301 - 5.6 (81) K Factor - 1/2 in NPT				
Standard Brass	165°F	17535AC	V124	$53.07
Standard Brass	205°F	17535AE	V124	$53.07
Standard Brass	280°F	17535AG	V124	$53.07
Chrome	165°F	17535FC	V124	$60.86
Chrome	205°F	17535FE	V124	$60.86
Chrome	280°F	17535FG	V124	$60.86
White-Polyester	165°F	17535MC/W	V124	$60.86
White-Polyester	205°F	17535ME/W	V124	$60.86
White-Polyester	280°F	17535MG/W	V124	$60.86
Black-Polyester	165°F	17535MC/B	V124	$70.60
Black-Polyester	205°F	17535ME/B	V124	$70.60
Black-Polyester	280°F	17535MG/B	V124	$70.60
VK351 - 8.0 (115) K Factor - 3/4 in NPT				
Standard Brass	165°F	18275AC	V133	$61.55
Standard Brass	205°F	18275AE	V133	$61.55
Standard Brass	280°F	18275AG	V133	$61.55
Chrome	165°F	18275FC	V133	$70.69
Chrome	205°F	18275FE	V133	$70.69
Chrome	280°F	18275FG	V133	$70.69
White-Polyester	165°F	18275MC/W	V133	$70.69
White-Polyester	205°F	18275ME/W	V133	$70.69
White-Polyester	280°F	18275MG/W	V133	$70.69
Std Sprinkler Wrench		21475M/B	V207	$75.37

Microfast® Model M
Quick Response
Standard Coverage
FUSIBLE LINK[1]
Pendent Sprinklers

Finish	Temp	Part #	IPG	List Price
VK330 - 2.8 (40) K Factor - 1/2 in NPT				
Standard Brass	165°F	13959AC	V124	$64.46
Standard Brass	205°F	13959AE	V124	$64.46
Standard Brass	280°F	13959AG	V124	$64.46
Chrome	165°F	13959FC	V124	$70.40
Chrome	205°F	13959FE	V124	$70.40
Chrome	280°F	13959FG	V124	$70.40
White-Polyester	165°F	13959MC/W	V124	$70.40
White-Polyester	205°F	13959ME/W	V124	$70.40
White-Polyester	280°F	13959MG/W	V124	$70.40
VK332 - 4.2 (60) K Factor - 1/2 in NPT				
Standard Brass	165°F	13961AC	V124	$64.46
Standard Brass	205°F	13961AE	V124	$64.46
Standard Brass	280°F	13961AG	V124	$64.46
Chrome	165°F	13961FC	V124	$70.40
Chrome	205°F	13961FE	V124	$70.40
Chrome	280°F	13961FG	V124	$70.40
White-Polyester	165°F	13961MC/W	V124	$70.40
White-Polyester	205°F	13961ME/W	V124	$70.40
White-Polyester	280°F	13961MG/W	V124	$70.40
VK303 - 5.6 (81) K Factor - 1/2 in NPT				
Standard Brass	165°F	17536AC	V124	$53.07
Standard Brass	205°F	17536AE	V124	$53.07
Standard Brass	280°F	17536AG	V124	$53.07
Chrome	165°F	17536FC	V124	$60.86
Chrome	205°F	17536FE	V124	$60.86
Chrome	280°F	17536FG	V124	$60.86
White-Polyester	165°F	17536MC/W	V124	$60.86
White-Polyester	205°F	17536ME/W	V124	$60.86
White-Polyester	280°F	17536MG/W	V124	$60.86
Black-Polyester	165°F	17536MC/B	V124	$70.60
Black-Polyester	205°F	17536ME/B	V124	$70.60
Black-Polyester	280°F	17536MG/B	V124	$70.60
VK353 - 8.0 (115) K Factor - 3/4 in NPT				
Standard Brass	165°F	18274AC	V133	$61.55
Standard Brass	205°F	18274AE	V133	$61.55
Standard Brass	280°F	18274AG	V133	$61.55
Chrome	165°F	18274FC	V133	$70.69
Chrome	205°F	18274FE	V133	$70.69
Chrome	280°F	18274FG	V133	$70.69
White-Polyester	165°F	18274MC/W	V133	$70.69
White-Polyester	205°F	18274ME/W	V133	$70.69
White-Polyester	280°F	18274MG/W	V133	$70.69
Std Sprinkler Wrench		21475M/B	V207	$75.37
Wrench for Recessed		13655W/B	V207	$145.25

(1) Also available with ENT (Electroless Nickel PTFE) plating for corrosion resistance (special order with extended lead time). Contact customer service for price and availability. Special order ENT plated sprinklers may not have listings/approvals.

Microfast® Model M
Quick Response
Standard Coverage
FUSIBLE LINK[1]
Horizontal Sidewall

Finish	Temp	Part #	IPG	List Price
VK334 - 2.8 (40) K Factor - 1/2 in NPT				
Standard Brass	165°F	13962AC	V122	$77.12
Standard Brass	205°F	13962AE	V122	$77.12
Standard Brass	280°F	13962AG	V122	$77.12
Chrome	165°F	13962FC	V122	$78.98
Chrome	205°F	13962FE	V122	$78.98
Chrome	280°F	13962FG	V122	$78.98
White-Polyester	165°F	13962MC/W	V122	$80.83
White-Polyester	205°F	13962ME/W	V122	$80.83
White-Polyester	280°F	13962MG/W	V122	$80.83
VK307 - 5.6 (81) K Factor - 1/2 in NPT				
Standard Brass	165°F	13947AC	V122	$66.80
Standard Brass	205°F	13947AE	V122	$66.80
Standard Brass	280°F	13947AG	V122	$66.80
Chrome	165°F	13947FC	V122	$70.87
Chrome	205°F	13947FE	V122	$70.87
Chrome	280°F	13947FG	V122	$70.87
White-Polyester	165°F	13947MC/W	V122	$77.18
White-Polyester	205°F	13947ME/W	V122	$77.18
White-Polyester	280°F	13947MG/W	V122	$77.18
Std Sprinkler Wrench		21475M/B	V207	$75.37
Wrench for Recessed		13655W/B	V207	$145.25

Microfast® Model M
Quick Response
Standard Coverage
FUSIBLE LINK[1]
Vertical Sidewall

Finish	Temp	Part #	IPG	List Price
VK309 - 5.6 (81) K Factor - 1/2 in NPT				
Standard Brass	165°F	13951AC	V122	$89.10
Standard Brass	205°F	13951AE	V122	$89.10
Chrome	165°F	13951FC	V122	$91.73
Chrome	205°F	13951FE	V122	$91.73
Std Sprinkler Wrench		21475M/B	V207	$75.37

Microfast® Model M
Quick Response
Standard Coverage
FUSIBLE LINK[1]
Conventional

Finish	Temp	Part #	IPG	List Price
VK311 - 5.6 (81) K Factor - 1/2 in NPT				
Standard Brass	165°F	19392AC	V124	$53.07
Standard Brass	205°F	19392AE	V124	$53.07
Standard Brass	280°F	19392AG	V124	$53.07
Chrome	165°F	19392FC	V124	$60.86
Chrome	205°F	19392FE	V124	$53.07
Chrome	280°F	19392FG	V124	$53.07
White-Polyester	165°F	19392MC/W	V124	$60.86
White-Polyester	205°F	19392ME/W	V124	$60.86
White-Polyester	280°F	19392MG/W	V124	$60.86
Std Sprinkler Wrench		21475M/B	V207	$75.37

Microfast® Model M
Quick Response
Standard Coverage
FUSIBLE LINK[1]
Conventional

Finish	Temp	Part #	IPG	List Price
VK355 - 8.0 (115) K Factor - 3/4 in NPT				
Standard Brass	165°F	18276AC	V133	$73.57
Standard Brass	205°F	18276AE	V133	$73.57
Standard Brass	280°F	18276AG	V133	$73.57
Chrome	165°F	18276FC	V133	$88.95
Chrome	205°F	18276FE	V133	$88.95
Chrome	280°F	18276FG	V133	$88.95
White-Polyester	165°F	18276MC/W	V133	$88.95
White-Polyester	205°F	18276ME/W	V133	$88.95
White-Polyester	280°F	18276MG/W	V133	$88.95
Std Sprinkler Wrench		21475M/B	V207	$75.37

Microfast® Model M
Quick Response
Standard Coverage
FUSIBLE LINK[1]
Upright
HIGH PRESSURE

Finish	Temp	Part #	IPG	List Price
VK341 - 2.8 (40) K Factor - 1/2 in NPT - UPRIGHT (HP)				
Standard Brass	165°F	13963AC	V124	$67.39
Standard Brass	205°F	13963AE	V124	$67.39
Standard Brass	280°F	13963AG	V124	$67.39
Chrome	165°F	13963FC	V124	$70.99
Chrome	205°F	13963FE	V124	$70.99
Chrome	280°F	13963FG	V124	$70.99
White-Polyester	165°F	13963MC/W	V124	$70.99
White-Polyester	205°F	13963ME/W	V124	$70.99
White-Polyester	280°F	13963MG/W	V124	$70.99
VK316 - 5.6 (81) K Factor - 1/2 in NPT - UPRIGHT (HP)				
Standard Brass	165°F	13953AC	V123	$51.51
Standard Brass	205°F	13953AE	V123	$51.51
Standard Brass	280°F	13953AG	V123	$51.51
Chrome	165°F	13953FC	V123	$55.70
Chrome	205°F	13953FE	V123	$55.70
Chrome	280°F	13953FG	V123	$55.70
White-Polyester	165°F	13953MC/W	V123	$55.70
White-Polyester	205°F	13953ME/W	V123	$55.70
White-Polyester	280°F	13953MG/W	V123	$55.70
Std Sprinkler Wrench		21475M/B	V207	$75.37

Microfast® Model M
Quick Response
Standard Coverage
FUSIBLE LINK[1]
Pendent
HIGH PRESSURE

Finish	Temp	Part #	IPG	List Price
VK343 - 2.8 (40) K Factor - 1/2 in NPT - PENDENT (HP)				
Standard Brass	165°F	13964AC	V123	$67.39
Standard Brass	205°F	13964AE	V123	$67.39
Standard Brass	280°F	13964AG	V123	$67.39
Chrome	165°F	13964FC	V123	$70.99
Chrome	205°F	13964FE	V123	$70.99
Chrome	280°F	13964FG	V123	$70.99
White-Polyester	165°F	13964MC/W	V123	$70.99
White-Polyester	205°F	13964ME/W	V123	$70.99
White-Polyester	280°F	13964MG/W	V123	$70.99
VK318 - 5.6 (81) K Factor - 1/2 in NPT - PENDENT (HP)				
Standard Brass	165°F	13954AC	V123	$51.51
Standard Brass	205°F	13954AE	V123	$51.51
Standard Brass	280°F	13954AG	V123	$51.51
Chrome	165°F	13954FC	V123	$55.70
Chrome	205°F	13954FE	V123	$55.70
Chrome	280°F	13954FG	V123	$55.70
White-Polyester	165°F	13954MC/W	V123	$55.70
White-Polyester	205°F	13954ME/W	V123	$55.70
White-Polyester	280°F	13954MG/W	V123	$55.70
Std Sprinkler Wrench		21475M/B	V207	$75.37
Wrench for Recessed		13655W/B	V207	$145.25

Microfast® Model M
Quick Response
Standard Coverage
FUSIBLE LINK[1]
Horizontal Sidewall
HIGH PRESSURE

Finish	Temp	Part #	IPG	List Price
VK346 - 2.8 (40) K Factor - 1/2 in NPT - HSW (HP)				
Standard Brass	165°F	13965AC	V122	$77.12
Standard Brass	205°F	13965AE	V122	$77.12
Standard Brass	280°F	13965AG	V122	$77.12
Chrome	165°F	13965FC	V122	$78.98
Chrome	205°F	13965FE	V122	$78.98
Chrome	280°F	13965FG	V122	$78.98
White-Polyester	165°F	13965MC/W	V122	$80.83
White-Polyester	205°F	13965ME/W	V122	$80.83
White-Polyester	280°F	13965MG/W	V122	$80.83
Std Sprinkler Wrench		21475M/B	V207	$75.37
Wrench for Recessed		13655W/B	V207	$145.25

Microfast® Model M
Quick Response
Standard Coverage
FUSIBLE LINK[1]
Horizontal Sidewall
HIGH PRESSURE

Finish	Temp	Part #	IPG	List Price
VK320 - 5.6 (81) K Factor - 1/2 in NPT - HSW (HP)				
Standard Brass	165°F	13955AC	V122	$66.80
Standard Brass	205°F	13955AE	V122	$66.80
Standard Brass	280°F	13955AG	V122	$66.80
Chrome	165°F	13955FC	V122	$70.80
Chrome	205°F	13955FE	V122	$70.80
Chrome	280°F	13955FG	V122	$70.80
White-Polyester	165°F	13955MC/W	V122	$77.12
White-Polyester	205°F	13955ME/W	V122	$77.12
White-Polyester	280°F	13955MG/W	V122	$77.12
Std Sprinkler Wrench		21475M/B	V207	$75.37
Wrench for Recessed		13655W/B	V207	$145.25

(1) Also available with ENT (Electroless Nickel PTFE) plating for corrosion resistance (special order with extended lead time). Contact customer service for price and availability. Special order ENT plated sprinklers may not have listings/approvals.

Microfast® Model M
HIGH PRESSURE - 250 psi
Quick Response
Standard Coverage
Glass Bulb
Upright

SIN:	VK340
K Factor:	2.8 (40)
Thread Size:	1/2 inch NPT
Base Part #:	12286

Finish[2]	Temp	Part #	IPG	List Price
Standard Brass	155°F	12286AB	V121	$57.77
Standard Brass	175°F	12286AD	V121	$57.77
Standard Brass	200°F	12286AE	V121	$57.77
Standard Brass	286°F	12286AG	V121	$57.77
Chrome	155°F	12286FB	V121	$61.89
Chrome	175°F	12286FD	V121	$61.89
Chrome	200°F	12286FE	V121	$61.89
Chrome	286°F	12286FG	V121	$61.89
White-Polyester[1]	155°F	12286MB/W	V121	$61.89
White-Polyester	175°F	12286MD/W	V121	$61.89
White-Polyester	200°F	12286ME/W	V121	$61.89
White-Polyester	286°F	12286MG/W	V121	$61.89
Black-Polyester[1]	155°F	12286MB/B	V121	$88.38
Black-Polyester	175°F	12286MD/B	V121	$88.38
Black-Polyester	200°F	12286ME/B	V121	$88.38
Black-Polyester	286°F	12286MG/B	V121	$88.38
Std Sprinkler Wrench		21475M/B	V207	$75.37

Microfast® Model M
HIGH PRESSURE - 250 psi
Quick Response
Standard Coverage
Glass Bulb
Pendent

SIN:	VK342
K Factor:	2.8 (40)
Thread Size:	1/2 inch NPT
Base Part #:	12290

Finish[2]	Temp	Part #	IPG	List Price
Standard Brass	155°F	12290AB	V121	$57.77
Standard Brass	175°F	12290AD	V121	$57.77
Standard Brass	200°F	12290AE	V121	$57.77
Standard Brass	286°F	12290AG	V121	$57.77
Chrome	155°F	12290FB	V121	$61.89
Chrome	175°F	12290FD	V121	$61.89
Chrome	200°F	12290FE	V121	$61.89
Chrome	286°F	12290FG	V121	$61.89
White-Polyester[1]	155°F	12290MB/W	V121	$61.89
White-Polyester	175°F	12290MD/W	V121	$61.89
White-Polyester	200°F	12290ME/W	V121	$61.89
White-Polyester	286°F	12290MG/W	V121	$61.89
Black-Polyester[1]	155°F	12290MB/B	V121	$88.38
Black-Polyester	175°F	12290MD/B	V121	$88.38
Black-Polyester	200°F	12290ME/B	V121	$88.38
Black-Polyester	286°F	12290MG/B	V121	$88.38
Std Sprinkler Wrench		21475M/B	V207	$75.37
Wrench for Recessed		13655W/B	V207	$145.25

Select Escutcheons - Recessed Pendent Sprinklers*

Recessed Escutcheon
Model E-1 (push-on)
(includes cup & adapter)
(OD = 3-1/16" / 78 mm)

Finish	Size	Part #	IPG	List Price
Bright Brass	1/2"	06419AB	V201	$38.09
Polished Chrome	1/2"	06419AF	V200	$8.04
White	1/2"	06419AM/W	V200	$8.04
Black	1/2"	06419AM/B	V201	$16.65

Threaded Escutcheon
Model E-2 (thread-on)
(includes cup & adapter)
(OD = 3-1/8" / 80 mm)

Polished Chrome	1/2"	11038F	V200	$8.07
White	1/2"	11038M/W	V200	$8.07

**Refer to Page H-1 for complete list of available escutcheons*

NOTE - High Pressure (HP) = Working pressure to 250 psi

(1) Suitable for decorative applications; UL listed for corrosion resistance.
(2) Also available with ENT (Electroless Nickel PTFE) plating for corrosion resistance (special order with extended lead time). Contact customer service for price and availability. Special order ENT plated sprinklers may not have listings/approvals.

Microfast® Model M
HIGH PRESSURE - 250 psi
Quick Response
Standard Coverage
Glass Bulb
Upright

SIN:	VK315
K Factor:	5.6 (81)
Thread Size:	1/2 inch NPT
Base Part #:	12281

Finish[2]	Temp	Part #	IPG	List Price
Standard Brass	155°F	12281AB	V121	$41.74
Standard Brass	175°F	12281AD	V121	$41.74
Standard Brass	200°F	12281AE	V121	$41.74
Standard Brass	286°F	12281AG	V121	$41.74
Chrome	155°F	12281FB	V121	$44.19
Chrome	175°F	12281FD	V121	$44.19
Chrome	200°F	12281FE	V121	$44.19
Chrome	286°F	12281FG	V121	$44.19
White-Polyester[1]	155°F	12281MB/W	V121	$44.19
White-Polyester	175°F	12281MD/W	V121	$44.19
White-Polyester	200°F	12281ME/W	V121	$44.19
White-Polyester	286°F	12281MG/W	V121	$44.19
Black-Polyester[1]	155°F	12281MB/B	V121	$68.74
Black-Polyester	175°F	12281MD/B	V121	$68.74
Black-Polyester	200°F	12281ME/B	V121	$68.74
Black-Polyester	286°F	12281MG/B	V121	$68.74
Nickel PTFE (ENT)[2]	155°F	12281JNB	V188.A	$65.62
Nickel PTFE (ENT)	175°F	12281JND	V188.A	$65.62
Nickel PTFE (ENT)	200°F	12281JNE	V188.A	$65.62
Nickel PTFE (ENT)	286°F	12281JNG	V188.A	$65.62
Std Sprinkler Wrench		21475M/B	V207	$75.37

NOTE - High Pressure (HP) = Working pressure to 250 psi

Microfast® Model M
HIGH PRESSURE - 250 psi
Quick Response
Standard Coverage
Glass Bulb
Pendent

SIN:	VK317
K Factor:	5.6 (81)
Thread Size:	1/2 inch NPT
Base Part #:	12282

Finish[2]	Temp	Part #	IPG	List Price
Standard Brass	155°F	12282AB	V121	$41.74
Standard Brass	175°F	12282AD	V121	$41.74
Standard Brass	200°F	12282AE	V121	$41.74
Standard Brass	286°F	12282AG	V121	$41.74
Chrome	155°F	12282FB	V121	$44.19
Chrome	175°F	12282FD	V121	$44.19
Chrome	200°F	12282FE	V121	$44.19
Chrome	286°F	12282FG	V121	$44.19
White-Polyester[1]	155°F	12282MB/W	V121	$44.19
White-Polyester	175°F	12282MD/W	V121	$44.19
White-Polyester	200°F	12282ME/W	V121	$44.19
White-Polyester	286°F	12282MG/W	V121	$44.19
Black-Polyester[1]	155°F	12282MB/B	V121	$68.74
Black-Polyester	175°F	12282MD/B	V121	$88.38
Black-Polyester	200°F	12282ME/B	V121	$88.38
Black-Polyester	286°F	12282MG/B	V121	$88.38
Nickel PTFE (ENT)[2]	155°F	12282MB/B	V121	$68.74
Nickel PTFE (ENT)	175°F	12282MD/B	V121	$88.38
Nickel PTFE (ENT)	200°F	12282ME/B	V121	$88.38
Nickel PTFE (ENT)	286°F	12282MG/B	V121	$88.38
Std Sprinkler Wrench		21475M/B	V207	$75.37
Wrench for Recessed		13655W/B	V207	$145.25

Select Escutcheons - Recessed Pendent Sprinklers*

Recessed Escutcheon
Model E-1 (push-on)
(includes cup & adapter)
(OD = 3-1/16" / 78 mm)

Finish	Size	Part #	IPG	List Price
Bright Brass	1/2"	06419AB	V201	$38.09
Polished Chrome	1/2"	06419AF	V200	$8.04
White	1/2"	06419AM/W	V200	$8.04
Black	1/2"	06419AM/B	V201	$16.65

Threaded Escutcheon
Model E-2 (thread-on)
(includes cup & adapter)
(OD = 3-1/8" / 80 mm)

Polished Chrome	1/2"	11038F	V200	$8.07
White	1/2"	11038M/W	V200	$8.07

**Refer to Page H-1 for complete list of available escutcheons*

(1) Suitable for decorative applications; UL listed for corrosion resistance.
(2) Electroless Nickel PTFE (ENT) plating is UL Listed and FM Approved for corrosion resistance.

Microfast® Model M
HIGH PRESSURE - 250 psi
Quick Response
Standard Coverage
Glass Bulb
Horizontal Sidewall

SIN:	VK344[1]
K Factor:	2.8 (40)
Thread Size:	1/2 inch NPT
Base Part #:	12287

Finish[4]	Temp	Part #	IPG	List Price
Standard Brass	155°F	12287AB	V125	$79.85
Standard Brass	175°F	12287AD	V125	$79.85
Standard Brass	200°F	12287AE	V125	$79.85
Standard Brass	286°F	12287AG	V125	$79.85
Chrome	155°F	12287FB	V125	$85.20
Chrome	175°F	12287FD	V125	$85.20
Chrome	200°F	12287FE	V125	$85.20
Chrome	286°F	12287FG	V125	$85.20
White-Polyester[3]	155°F	12287MB/W	V125	$85.20
White-Polyester	175°F	12287MD/W	V125	$85.20
White-Polyester	200°F	12287ME/W	V125	$85.20
White-Polyester	286°F	12287MG/W	V125	$85.20
Black-Polyester[3]	155°F	12287MB/B	V125	$97.87
Black-Polyester	175°F	12287MD/B	V125	$97.87
Black-Polyester	200°F	12287ME/B	V125	$97.87
Black-Polyester	286°F	12287MG/B	V125	$97.87
Std Sprinkler Wrench		21475M/B	V207	$75.37
Wrench for Recessed		13655W/B	V207	$145.25

Microfast® Model M
HIGH PRESSURE - 250 psi
Quick Response
Standard Coverage
Glass Bulb
Horizontal Sidewall

SIN:	VK319[2]
K Factor:	5.6 (81)
Thread Size:	1/2 inch NPT
Base Part #:	12285

Finish[4]	Temp	Part #	IPG	List Price
Standard Brass	155°F	12285AB	V125	$53.17
Standard Brass	175°F	12285AD	V125	$53.17
Standard Brass	200°F	12285AE	V125	$53.17
Standard Brass	286°F	12285AG	V125	$53.17
Chrome	155°F	12285FB	V125	$57.25
Chrome	175°F	12285FD	V125	$57.25
Chrome	200°F	12285FE	V125	$57.25
Chrome	286°F	12285FG	V125	$57.25
White-Polyester[3]	155°F	12285MB/W	V125	$57.94
White-Polyester	175°F	12285MD/W	V125	$57.94
White-Polyester	200°F	12285ME/W	V125	$57.94
White-Polyester	286°F	12285MG/W	V125	$57.94
Black-Polyester[3]	155°F	12285MB/B	V125	$80.15
Black-Polyester	175°F	12285MD/B	V125	$80.15
Black-Polyester	200°F	12285ME/B	V125	$80.15
Black-Polyester	286°F	12285MG/B	V125	$80.15
Nickel PTFE (ENT)	155°F	12285JNB	V188.A	$98.71
Nickel PTFE (ENT)	175°F	12285JND	V188.A	$98.71
Nickel PTFE (ENT)	200°F	12285JNE	V188.A	$98.71
Nickel PTFE (ENT)	286°F	12285JNG	V188.A	$98.71
Std Sprinkler Wrench		21475M/B	V207	$75.37
Wrench for Recessed		13655W/B	V207	$145.25

Select Escutcheons - Recessed Pendent Sprinklers*

Recessed Escutcheon
Model E-1 (push-on)
(includes cup & adapter)
(OD = 3-1/16" / 78 mm)

Finish	Size	Part #	IPG	List Price
Bright Brass	1/2"	06419AB	V201	$38.09
Polished Chrome	1/2"	06419AF	V200	$8.04
White	1/2"	06419AM/W	V200	$8.04
Black	1/2"	06419AM/B	V201	$16.65

Threaded Escutcheon
Model E-2 (thread-on)
(includes cup & adapter)
(OD = 3-1/8" / 80 mm)

Polished Chrome	1/2"	11038F	V200	$8.07
White	1/2"	11038M/W	V200	$8.07

(1) Light hazard
(2) Light / Ordinary hazard
(3) Suitable for decorative applications; UL listed for corrosion resistance.
(4) Also available with ENT (Electroless Nickel PTFE) plating for corrosion resistance (special order with extended lead time). Contact customer service for price and availability. Special order ENT plated sprinklers may not have listings/approvals.

Microfast® Stainless Steel
CORROSION RESISTANT
Quick Response
Standard Coverage
Glass Bulb
Stainless Steel - Upright

SIN: VK338
K Factor: 5.6 (81)
Thread Size: 1/2 inch NPT
Base Part #: 14692

Finish	Temp	Part #	IPG	List Price
Stainless Steel	135°F	14692A	V110	$552.05
Stainless Steel	155°F	14692B	V110	$552.05
Stainless Steel	175°F	14692D	V110	$552.05
Stainless Steel	200°F	14692E	V110	$552.05
Stainless Steel	286°F	14692G	V110	$552.05
Std Sprinkler Wrench		21475M/B	V207	$75.37

Microfast® Stainless Steel
CORROSION RESISTANT
Quick Response
Standard Coverage
Glass Bulb
Stainless Steel - Pendent

SIN: VK339
K Factor: 5.6 (81)
Thread Size: 1/2 inch NPT
Base Part #: 14693

Finish	Temp	Part #	IPG	List Price
Stainless Steel	135°F	14693A	V110	$552.05
Stainless Steel	155°F	14693B	V110	$552.05
Stainless Steel	175°F	14693D	V110	$552.05
Stainless Steel	200°F	14693E	V110	$552.05
Stainless Steel	286°F	14693G	V110	$552.05
Std Sprinkler Wrench		21475M/B	V207	$75.37

Stainless Steel Escutcheons*
Model E-1 (push-on) - Includes adapter and cup

Finish	Size	Part #	IPG	List Price
Polished Chrome	1/2"	07902F	V201	$32.73
White	1/2"	07902M/W	V201	$32.73
Nickel PTFE (ENT)	1/2"	07902JN	V188.A	$61.52

**Refer to Page H-1 for complete list of available escutcheons*

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- Mirage® ELO VK636, 11.2 (161) K factor, flat concealed pendent (Light Hazard) C-6
- Mirage® ELO VK538, 11.2 (161) K factor, flat concealed pendent (Ordinary Hazard) ... C-6
- VK680, 8.0 (115) K factor, flat concealed horizontal sidewall C-6
- Mirage® Cover Plates (standard, large, square, ELO) C-7

Fusible Link

- Fusible Link, upright / pendent C-8
- Fusible Link, horizontal sidewall, high pressure C-9

Notes

1. Unless otherwise indicated, all cover plates and escutcheons are sold separately.
2. Cover plates, escutcheons, and sprinklers are available in custom colors at an additional charge. See page F-8 for details.
3. Refer to Viking technical data pages for complete product specifications. You may print or download technical data by visiting www.vikinggroupinc.com.
4. List prices effective January 12, 2019. Supersedes June 2018 list price book.
5. All sales by Viking are subject to the Terms & Conditions found on the last page of this book.

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Microfast® Model M
Quick/Standard Response
Extended Coverage
Glass Bulb
Pendent

SIN:	VK600
K Factor:	5.6 (81)
Thread Size:	1/2 inch NPT
Base Part #:	06778B

Finish	Temp	Part #	IPG	List Price
Standard Brass	135°F	06778BAA	V144	$62.34
Standard Brass	155°F	06778BAB	V144	$62.34
Standard Brass	175°F	06778BAD	V144	$62.34
Chrome	135°F	06778BFA	V144	$62.34
Chrome	155°F	06778BFB	V144	$62.34
Chrome	175°F	06778BFD	V144	$62.34
White-Polyester[1]	135°F	06778BMA/W	V135	$65.46
White-Polyester	155°F	06778BMB/W	V135	$65.46
White-Polyester	175°F	06778BMD/W	V135	$65.46
Std Sprinkler Wrench		21475M/B	V207	$75.37
Wrench for Recessed		13577W/B	V207	$145.25

Microfast® Model M
Standard/Quick Response
Extended Coverage
Glass Bulb
Pendent

SIN:	VK602
K Factor:	8.0 (115)
Thread Size:	3/4 inch NPT
Base Part #:	18262

Finish	Temp	Part #	IPG	List Price
Standard Brass	135°F	18262AA	V135	$69.06
Standard Brass	155°F	18262AB	V135	$69.06
Standard Brass	175°F	18262AD	V135	$69.06
Chrome	135°F	18262FA	V135	$74.57
Chrome	155°F	18262FB	V135	$74.57
Chrome	175°F	18262FD	V135	$74.57
White-Polyester[2]	135°F	18262MA/W	V135	$74.57
White-Polyester	155°F	18262MB/W	V135	$74.57
White-Polyester	175°F	18262MD/W	V135	$74.57
Std Sprinkler Wrench		21475M/B	V207	$75.37
Wrench for Recessed		13577W/B	V207	$145.25

HIGH PRESSURE - Model M
Standard/Quick Response
Extended Coverage
Glass Bulb
Pendent

SIN:	VK610
K Factor:	5.6 (81)
Thread Size:	1/2 inch NPT
Base Part #:	12294

Finish	Temp	Part #	IPG	List Price
Standard Brass	135°F	12294AA	V135	$68.36
Standard Brass	155°F	12294AB	V135	$68.36
Standard Brass	175°F	12294AD	V135	$68.36
Chrome	135°F	12294FA	V135	$72.97
Chrome	155°F	12294FB	V135	$72.97
Chrome	175°F	12294FD	V135	$72.97
White-Polyester[1]	135°F	12294MA/W	V135	$72.97
White-Polyester	155°F	12294MB/W	V135	$72.97
White-Polyester	175°F	12294MD/W	V135	$72.97
Std Sprinkler Wrench		21475M/B	V207	$75.37
Wrench for Recessed		13577W/B	V207	$145.25

NOTE - High Pressure (HP) = Working pressure to 250 psi (1724 kPa)

Select Escutcheons - 1/2 inch *			
E1 push-on (chrome,½ in)	06419AF	V200	$8.04
E1 push-on (white,½ in)	06419AM/W	V200	$8.04
E2 threaded (chrome,½ in)	11038F	V200	$8.07

*Refer to Page H-1 for complete list of available escutcheons

Select Escutcheons - 3/4 inch *			
E1 push-on (chrome,¾ in)	20369F	V200	$8.07
E1 push-on (white,¾ in)	20369M/W	V200	$8.07
E2 threaded (chrome,¾ in)	11625F	V200	$8.07

*Refer to Page H-1 for complete list of available escutcheons

(1) Polyester sprinklers are suitable for decorative applications; UL listed for corrosion resistance.

Microfast® Model M
EXTRA LARGE ORIFICE
Standard/Quick Response
Extended Coverage
Glass Bulb
Upright

SIN: VK532[1,2]
K Factor: 11.2 (161)
Thread Size: 3/4 inch NPT
Base Part #: 08687

Finish	Temp	Part #	IPG	List Price
Standard Brass	155°F	08687AB	V139	$98.93
Standard Brass	175°F	08687AD	V139	$98.93
Standard Brass	200°F	08687AE	V139	$98.93
Standard Brass	286°F	08687AG	V139	$98.93
Chrome	155°F	08687FB	V139	$113.36
Chrome	175°F	08687FD	V139	$113.36
Chrome	200°F	08687FE	V139	$113.36
Chrome	286°F	08687FG	V139	$113.36
White-Polyester[3]	155°F	08687MB/W	V139	$113.36
White-Polyester	175°F	08687MD/W	V139	$113.36
White-Polyester	200°F	08687ME/W	V139	$113.36
White-Polyester	286°F	08687MG/W	V139	$113.36
Black-Polyester[3]	155°F	08687MB/B	V139	$154.21
Black-Polyester	175°F	08687MD/B	V139	$154.21
Black-Polyester	200°F	08687ME/B	V139	$154.21
Black-Polyester	286°F	08687MG/B	V139	$154.21
Nickel PTFE (ENT)[4]	155°F	08687JNB	V188.A	$136.71
Nickel PTFE (ENT)	175°F	08687JND	V188.A	$136.71
Nickel PTFE (ENT)	200°F	08687JNE	V188.A	$136.71
Nickel PTFE (ENT)	286°F	08687JNG	V188.A	$136.71
Std Sprinkler Wrench		05118CW/B	V207	$145.25

Microfast® Model M
EXTRA LARGE ORIFICE
Standard/Quick Response
Extended Coverage
Glass Bulb
Pendent

SIN: VK534[1,2]
K Factor: 11.2 (161)
Thread Size: 3/4 inch
Base Part #: 08340

Finish	Temp	Part #	IPG	List Price
Standard Brass	155°F	08340AB	V139	$98.92
Standard Brass	175°F	08340AD	V139	$98.92
Standard Brass	200°F	08340AE	V139	$98.92
Standard Brass	286°F	08340AG	V139	$98.92
Chrome	155°F	08340FB	V139	$101.84
Chrome	175°F	08340FD	V139	$101.84
Chrome	200°F	08340FE	V139	$101.84
Chrome	286°F	08340FG	V139	$101.84
White-Polyester[3]	155°F	08340MB/W	V139	$101.84
White-Polyester	175°F	08340MD/W	V139	$101.84
White-Polyester	200°F	08340ME/W	V139	$101.84
White-Polyester	286°F	08340MG/W	V139	$101.84
Black-Polyester[3]	155°F	08340MB/B	V139	$154.21
Black-Polyester	175°F	08340MD/B	V139	$154.21
Black-Polyester	200°F	08340ME/B	V139	$154.21
Black-Polyester	286°F	08340MG/B	V139	$154.21
Nickel PTFE (ENT)[4]	155°F	08340JNB	V188.A	$136.71
Nickel PTFE (ENT)	175°F	08340JND	V188.A	$136.71
Nickel PTFE (ENT)	200°F	08340JNE	V188.A	$136.71
Nickel PTFE (ENT)	286°F	08340JNG	V188.A	$136.71
Std Wrench for ELO Spk		05118CW/B	V207	$145.25
Wrench for Recessed		11663W/B	V207	$145.25

Model M
EXTRA LARGE ORIFICE
Standard/Quick Response
Extended Coverage
Glass Bulb
Pendent

SIN: VK608[1]
K Factor: 11.2 (161)
Thread Size: 3/4 inch NPT
Base Part #: 08339

Finish	Temp	Part #	IPG	List Price
Standard Brass	135°F	08339AA	V138	$100.44
Standard Brass	155°F	08339AB	V138	$100.44
Standard Brass	175°F	08339AD	V138	$100.44
Chrome	135°F	08339FA	V138	$107.30
Chrome	155°F	08339FB	V138	$107.30
Chrome	175°F	08339FD	V138	$107.30
White-Polyester[3]	135°F	08339MA/W	V138	$107.30
White-Polyester	155°F	08339MB/W	V138	$107.30
White-Polyester	175°F	08339MD/W	V138	$107.30
Black-Polyester[3]	135°F	08339MA/B	V138	$138.74
Black-Polyester	155°F	08339MB/B	V138	$138.74
Black-Polyester	175°F	08339MD/B	V138	$138.74
Nickel PTFE (ENT)[4]	135°F	08339JNA	V188.A	$172.06
Nickel PTFE (ENT)	155°F	08339JNB	V188.A	$172.06
Nickel PTFE (ENT)	175°F	08339JND	V188.A	$172.06
Std Sprinkler Wrench		05118CW/B	V207	$145.25
Wrench for Recessed		11663W/B	V207	$145.25

(1) Light Hazard
(2) Ordinary Hazard
(3) Suitable for decorative applications and are UL listed for corrosion resistance.
(4) Electroless Nickel PTFE (ENT) coating is UL Listed and FM Approved for corrosion resistance.

Model M
Standard/Quick Response
Extended Coverage
Glass Bulb
Upright

SIN: VK570[1,3]
K Factor: 14.0 (202)
Thread Size: 3/4 inch NPT
Base Part #: 13840

Finish	Temp	Part #	IPG	List Price
Standard Brass	155°F	13840AB	V140	$118.89
Standard Brass	175°F	13840AD	V140	$118.89
Standard Brass	200°F	13840AE	V140	$118.89
Standard Brass	286°F	13840AG	V140	$118.89
Chrome	155°F	13840FB	V140	$129.70
Chrome	175°F	13840FD	V140	$129.70
Chrome	200°F	13840FE	V140	$129.70
Chrome	286°F	13840FG	V140	$129.70
White-Polyester[2]	155°F	13840MB/W	V140	$129.70
White-Polyester	175°F	13840MD/W	V140	$129.70
White-Polyester	200°F	13840ME/W	V140	$129.70
White-Polyester	286°F	13840MG/W	V140	$129.70
Black-Polyester[2]	155°F	13840MB/B	V140	$181.20
Black-Polyester	175°F	13840MD/B	V140	$181.20
Black-Polyester	200°F	13840ME/B	V140	$181.20
Black-Polyester	286°F	13840MG/B	V140	$181.20
Nickel PTFE (ENT)[4]	155°F	13840JNB	V188.A	$170.88
Nickel PTFE (ENT)	175°F	13840JND	V188.A	$170.88
Nickel PTFE (ENT)	200°F	13840JNE	V188.A	$170.88
Nickel PTFE (ENT)	286°F	13840JNG	V188.A	$170.88
Wrench for ECOH 14K		07297W/B	V207	$113.16
Wrench for Recsd ECOH		13032W/B	V207	$145.25

Model M
Standard/Quick Response
Extended Coverage
Glass Bulb
Pendent

SIN: VK572[1,3]
K Factor: 14.0 (202)
Thread Size: 3/4 inch NPT
Base Part #: 13722

Finish	Temp	Part #	IPG	List Price
Standard Brass	155°F	13722AB	V140	$118.89
Standard Brass	175°F	13722AD	V140	$118.89
Standard Brass	200°F	13722AE	V140	$118.89
Standard Brass	286°F	13722AG	V140	$118.89
Chrome	155°F	13722FB	V140	$129.70
Chrome	175°F	13722FD	V140	$129.70
Chrome	200°F	13722FE	V140	$129.70
Chrome	286°F	13722FG	V140	$129.70
White-Polyester[2]	155°F	13722MB/W	V140	$129.70
White-Polyester	175°F	13722MD/W	V140	$129.70
White-Polyester	200°F	13722ME/W	V140	$129.70
White-Polyester	286°F	13722MG/W	V140	$129.70
Black-Polyester[2]	155°F	13722MB/B	V140	$181.20
Black-Polyester	175°F	13722MD/B	V140	$181.20
Black-Polyester	200°F	13722ME/B	V140	$181.20
Black-Polyester	286°F	13722MG/B	V140	$181.20
Nickel PTFE (ENT)[4]	155°F	13722JNB	V188.A	$170.88
Nickel PTFE (ENT)	175°F	13722JND	V188.A	$170.88
Nickel PTFE (ENT)	200°F	13722JNE	V188.A	$170.88
Nickel PTFE (ENT)	286°F	13722JNG	V188.A	$170.88
Wrench for ECOH 14K		07297W/B	V207	$113.16
Wrench for Recsd ECOH		13032W/B	V207	$145.25

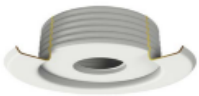
Standard/Quick Response
Extended Coverage
Fusible Link
Upright

SIN: VK595
K Factor: 25.2 (363)
Thread Size: 1 inch NPT
Base Part #: 16859A

Finish	Temp	Part #	IPG	List Price
Standard Brass	165°F	16859AC	V158	$189.07
Standard Brass	212°F	16859AE	V158	$189.07
Spk Wrench		16888M/B	V207	$166.52

Recessed Escutcheon
Model E-1 (push-on)
(includes cup & adapter)
(OD = 3-1/16" / 78 mm)

Finish	Size	Part #	IPG	List Price
Bright Brass	3/4"	20369B	V201	$38.09
Polished Chrome	3/4"	20369F	V200	$8.07
White	3/4"	20369M/W	V200	$8.07
Black	3/4"	20369M/B	V201	$16.65



Threaded Escutcheon
Model E-2 (thread-on)
(includes cup & adapter)
(OD = 3-1/8" / 80 mm)

Polished Chrome	3/4"	11625F	V200	$8.07
White	3/4"	11625M/W	V200	$8.07

**Refer to Page H-1 for complete list of available escutcheons*

(1) Ordinary Hazard
(2) Suitable for decorative applications and are UL listed for corrosion resistance.
(3) Also listed as quick response for ordinary hazard (refer to technical data page for complete listing/approval data)
(4) Electroless Nickel PTFE (ENT) plating is UL Listed and FM Approved for corrosion resistance.

Microfast® Model M
Standard/Quick Response
Extended Coverage
Glass Bulb
Horizontal Sidewall

SIN:	VK605
K Factor:	5.6 (81)
Thread Size:	1/2 inch NPT
Base Part #:	12120

Finish	Temp	Part #	IPG	List Price
Standard Brass	135°F	12120AA	V136	$63.72
Standard Brass	155°F	12120AB	V136	$63.72
Standard Brass	175°F	12120AD	V136	$63.72
Chrome	135°F	12120FA	V136	$70.92
Chrome	155°F	12120FB	V136	$70.92
Chrome	175°F	12120FD	V136	$70.92
White-Polyester[1]	135°F	12120MA/W	V136	$70.92
White-Polyester	155°F	12120MB/W	V136	$70.92
White-Polyester	175°F	12120MD/W	V136	$70.92
Std Sprinkler Wrench		21475M/B	V207	$75.37
Wrench for Recessed		13655W/B	V207	$145.25

HIGH PRESSURE
Standard/Quick Response
Extended Coverage
Glass Bulb
Horizontal Sidewall

SIN:	VK612
K Factor:	5.6 (81)
Thread Size:	1/2 inch NPT
Base Part #:	12295

Finish	Temp	Part #	IPG	List Price
Standard Brass	135°F	12295AA	V136	$70.15
Standard Brass	155°F	12295AB	V136	$70.15
Standard Brass	175°F	12295AD	V136	$70.15
Chrome	135°F	12295FA	V136	$75.18
Chrome	155°F	12295FB	V136	$75.18
Chrome	175°F	12295FD	V136	$75.18
White-Polyester[1]	135°F	12295MA/W	V136	$75.18
White-Polyester	155°F	12295MB/W	V136	$75.18
White-Polyester	175°F	12295MD/W	V136	$75.18
Std Sprinkler Wrench		21475M/B	V207	$75.37
Wrench for Recessed		13655W/B	V207	$145.25

NOTE - High Pressure (HP) = Working pressure to 250 psi (1724 kPa)

Select Escutcheons - 1/2 inch *			
E1 push-on (chrome,½ in)	06419AF	V200	$8.04
E1 push-on (white,½ in)	06419AM/W	V200	$8.04
E2 threaded (chrome,½ in)	11038F	V200	$8.07

**Refer to Page H-1 for complete list of available escutcheons*

Select Escutcheons - 3/4 inch *			
E1 push-on (chrome,¾ in)	20369F	V200	$8.07
E1 push-on (white,¾ in)	20369M/W	V200	$8.07
E2 threaded (chrome,¾ in)	11625F	V200	$8.07

**Refer to Page H-1 for complete list of available escutcheons*

(1) Suitable for decorative applications; UL listed for corrosion resistance.

Microtech® [2]
Quick Response
Extended Coverage
Glass Bulb
Horizontal Sidewall

SIN: VK630
K Factor: 8.0 (115)
Thread Size: 3/4 inch NPT
Base Part #: 13500

Finish	Temp	Part #	IPG	List Price
Standard Brass	135°F	13500AA	V141	$73.87
Standard Brass	155°F	13500AB	V141	$73.87
Standard Brass	175°F	13500AD	V141	$73.87
Chrome	135°F	13500FA	V141	$79.13
Chrome	155°F	13500FB	V141	$79.13
Chrome	175°F	13500FD	V141	$79.13
White-Polyester	135°F	13500MA/W	V141	$79.13
White-Polyester	155°F	13500MB/W	V141	$79.13
White-Polyester	175°F	13500MD/W	V141	$79.13
Black-Polyester	135°F	13500MA/B	V141	$101.82
Black-Polyester	155°F	13500MB/B	V141	$101.82
Black-Polyester	175°F	13500MD/B	V141	$101.82
Nickel PTFE (ENT)[2]	135°F	13500JNA	V188.A	$150.38
Nickel PTFE (ENT)	155°F	13500JNB	V188.A	$150.38
Nickel PTFE (ENT)	175°F	13500JND	V188.A	$150.38
Std Sprinkler Wrench		21475M/B	V207	$75.37
Wrench for Rcsd HSW		13655W/B	V207	$145.25

Corridor Sprinkler
Quick Response
Extended Coverage
Glass Bulb
Horizontal Sidewall

SIN: VK638
K Factor: 8.0 (115)
Thread Size: 3/4 inch NPT
Base Part #: 17375

Finish	Temp	Part #	IPG	List Price
Standard Brass	155°F	17375AB	V142	$81.09
Standard Brass	175°F	17375AD	V142	$81.09
Chrome	155°F	17375FB	V142	$81.09
Chrome	175°F	17375FD	V142	$81.09
Chrome	200°F	17375FE	V142	$81.09
White-Polyester	155°F	17375MB/W	V142	$81.09
White-Polyester	175°F	17375MD/W	V142	$81.09
White-Polyester	200°F	17375ME/W	V142	$81.09
Black-Polyester	155°F	17375MB/B	V142	$87.36
Black-Polyester	175°F	17375MD/B	V142	$87.36
Std Sprinkler Wrench		21475M/B	V207	$75.37
Wrench for Rcsd HSW		13655W/B	V207	$145.25

Microtech® [1,2]
Quick Response
Extended Coverage
Glass Bulb
Domed Concealed Sidewall

SIN: VK630-D[1]
K Factor: 8.0 (115)
Thread Size: 3/4 inch NPT
Base Part #: 13500A-X

Finish	Temp	Part #	IPG	List Price
Standard Brass	135°F	13500AAX	V141	$89.27
Standard Brass	175°F	13500ADX	V141	$89.27
Nickel PTFE (ENT)[2]	135°F	13500JNAX	V188.A	$177.71
Nickel PTFE (ENT)	175°F	13500JNDX	V188.A	$177.71
Spk Wrench Domed Cncld		13655W/B	V207	$145.25

Corridor Sprinkler
Quick Response
Extended Coverage
Glass Bulb
Domed Concealed Sidewall

SIN: VK638-D[1]
K Factor: 8.0 (115)
Thread Size: 3/4 inch NPT
Base Part #: 17375A-X

Finish	Temp	Part #	IPG	List Price
Standard Brass	135°F	17375AAX	V142	$81.09
Standard Brass	175°F	17375ADX	V142	$81.09
Spk Wrench Domed Cncld		13655W/B	V207	$145.25

Domed Cover Plate[1]

Base Part #: 13501

Finish	Temp	Part #	IPG	List Price
Chrome	135°F	13501FA	V214	$38.29
Chrome	165°F	13501FC	V214	$38.29
Painted White	135°F	13501MA/W	V214	$38.29
Painted White	165°F	13501MC/W	V214	$38.29
Painted Ivory	135°F	13501MA/I	V214	$48.64
Painted Ivory	165°F	13501MC/I	V214	$48.64
Painted Black	135°F	13501MA/B	V214	$48.64
Painted Black	165°F	13501MC/B	V214	$48.64

(1) Cover plates sold separately.
Cover plates are also available in custom colors at an additional charge (see pg F-8).

(2) Electroless Nickel PTFE (ENT) plating is UL Listed and FM Approved for corrosion resistance.

Mirage®[1]
Quick Response
Extended Coverage
Glass Bulb
Concealed Pendent

SIN:	VK632
K Factor:	5.6 (81)
Thread Size:	1/2 inch NPT
Base Part #:	14613A

Finish	Temp	Part #	IPG	List Price
Standard Brass	135°F	14613AA	V137	$84.05
Standard Brass	155°F	14613AB	V137	$84.05
Standard Brass	175°F	14613AD	V137	$84.05
Standard Brass	200°F	14613AE	V137	$84.05
Heavy Duty Spk Wrench		14047W/B	V207	$145.25
Cabinet Wrench/Cap Tool		14031	V205	$29.74

Mirage®[1]
Quick Response
Extended Coverage
Glass Bulb
Concealed Pendent

SIN:	VK634
K Factor:	8.0 (115)
Thread Size:	3/4 inch NPT
Base Part #:	14535A

Finish	Temp	Part #	IPG	List Price
Standard Brass	135°F	14535AA	V137	$105.51
Standard Brass	155°F	14535AB	V137	$105.51
Standard Brass	175°F	14535AD	V137	$105.51
Standard Brass	200°F	14535AE	V137	$105.51
Heavy Duty Spk Wrench		14047W/B	V207	$145.25
Cabinet Wrench/Cap Tool		14031	V205	$29.74

Available with standard, large diameter, or square cover plates. See following page for details.

ELO Mirage®[1]
Quick Response
Extended Coverage
LIGHT HAZARD
Fusible Link
Concealed Pendent

SIN:	VK636
K Factor:	11.2 (161)
Thread Size:	3/4 inch NPT
Base Part #:	16102A

Finish	Temp	Part #	IPG	List Price
Standard Brass	165°F	16102AC	V137	$128.37
Standard Brass	205°F	16102AE	V137	$128.37
Heavy Duty Spk Wrench		15467W/B	V207	$145.25
Cabinet Wrench/Cap Tool		15466	V205	$29.74

ELO Mirage®[1]
Quick Response
Extended Coverage
ORDINARY HAZARD
Fusible Link
Concealed Pendent

SIN:	VK538
K Factor:	11.2 (161)
Thread Size:	3/4 inch NPT
Base Part #:	17115A

Finish	Temp	Part #	IPG	List Price
Standard Brass	165°F	17115AC	V137	$143.58
Standard Brass	205°F	17115AE	V137	$143.58
Heavy Duty Spk Wrench		15467W/B	V207	$145.25
Cabinet Wrench/Cap Tool		15466	V205	$29.74

The VK636 and VK538 sprinklers require ELO cover plate (p/n 15765_). See following page for details.

(1) Cover plates sold separately. See following page for details.

EC Flat Concealed HSW
Light Hazard
Quick Response
Extended Coverage
Fusible Link
Flat Concealed Sidewall

SIN:	VK680
K Factor:	8.0 (115)
Thread Size:	3/4 inch NPT
Base Part #:	17114AC

Finish	Temp	Part #	IPG	List Price
Standard Brass	165°F	17114AC	V143	$133.73
Heavy Duty Spk Wrench		16208W/R	V207	$145.25
Limited Use Spk Wrench		16267	V207	$29.77

VK680 Cover Plate
Diameter = 3-5/16 inches

Finish	Temp	Part #	IPG	List Price
Chrome	135°F	16207FA	V213	$70.23
White	135°F	16207MA/W	V213	$40.61
Ivory	135°F	16207MA/I	V213	$48.82
Black	135°F	16207MA/B	V213	$48.82
Cover Installation Tool		14867	V205	$13.11

Standard Cover Plate

Diameter = 2-3/4 inches

Use w/ VK461, 462, 463, 464, 465

Finish	Temp	Part #	IPG	List
Polished Chrome	135°F	13504FA	V208	$34.90
Polished Chrome	165°F	13504FC	V208	$34.90
White	135°F	13504MA/W	V208	$34.90
White	165°F	13504MC/W	V208	$34.90
Ivory	135°F	13504MA/I	V209	$43.67
Ivory	165°F	13504MC/I	V209	$43.67
Black	135°F	13504MA/B	V209	$43.67
Black	165°F	13504MC/B	V209	$43.67
Bright Brass	135°F	13504BA	V209	$43.67
Bright Brass	165°F	13504BC	V209	$43.67
Brushed Brass	135°F	13504BA/B	V209	$43.67
Brushed Brass	165°F	13504BC/B	V209	$43.67
Antique Brass	135°F	13504BA/A	V209	$43.67
Antique Brass	165°F	13504BC/A	V209	$43.67
Brushed Copper	135°F	13504EA/B	V209	$43.67
Brushed Copper	165°F	13504EC/B	V209	$43.67
Brushed Chrome	135°F	13504FA/B	V209	$43.67
Brushed Chrome	165°F	13504FC/B	V209	$43.67

Large Cover Plate

Diameter = 3-5/16 inches

Use w/ VK461, 462, 463, 464, 465

Finish	Temp	Part #	IPG	List
Polished Chrome	135°F	13642FA	V208	$34.90
Polished Chrome	165°F	13642FC	V208	$34.90
White	135°F	13642MA/W	V208	$34.90
White	165°F	13642MC/W	V208	$34.90
Ivory	135°F	13642MA/I	V209	$43.67
Ivory	165°F	13642MC/I	V209	$43.67
Black	135°F	13642MA/B	V209	$43.67
Black	165°F	13642MC/B	V209	$43.67
Bright Brass	135°F	13642BA	V209	$43.67
Bright Brass	165°F	13642BC	V209	$43.67
Brushed Brass	135°F	13642BA/B	V209	$43.67
Brushed Brass	165°F	13642BC/B	V209	$43.67
Antique Brass	135°F	13642BA/A	V209	$43.67
Antique Brass	165°F	13642BC/A	V209	$43.67
Brushed Copper	135°F	13642EA/B	V209	$43.67
Brushed Copper	165°F	13642EC/B	V209	$43.67
Brushed Chrome	135°F	13642FA/B	V209	$43.67
Brushed Chrome	165°F	13642FC/B	V209	$43.67

Square Cover Plate

Use w/ VK461, 462, 463, 464, 465

Finish	Temp	Part #	IPG	List
Polished Chrome	135°F	15394FA	V210	$60.07
Polished Chrome	165°F	15394FC	V210	$60.07
White	135°F	15394MA/W	V210	$57.66
White	165°F	15394MC/W	V210	$57.66
Ivory	135°F	15394MA/I	V209	$43.67
Ivory	165°F	15394MC/I	V210	$57.66
Black	135°F	15394MA/B	V210	$57.66
Black	165°F	15394MC/B	V210	$57.66
Bright Brass	135°F	15394BA	V210	$70.32
Bright Brass	165°F	15394BC	V210	$70.32
Brushed Brass	135°F	15394BA/B	V210	$70.32
Brushed Brass	165°F	15394BC/B	V210	$70.32
Antique Brass	135°F	15394BA/A	V210	$70.32
Antique Brass	165°F	15394BC/A	V210	$70.32
Brushed Copper	135°F	15394EA/B	V210	$70.32
Brushed Copper	165°F	15394EC/B	V210	$70.32
Brushed Chrome	135°F	15394FA/B	V210	$70.32
Brushed Chrome	165°F	15394FC/B	V210	$70.32

Mirage ELO Cover Plate

Diameter = 3-5/16 inches

Use w/ VK469, VK636, VK538

Finish	Temp	Part #	IPG	List
Polished Chrome	135°F	15765FA	V208	$34.90
Polished Chrome	165°F	15765FC	V208	$34.90
White	135°F	15765MA/W	V208	$34.90
White	165°F	15765MC/W	V208	$34.90
Ivory	135°F	15765MA/I	V209	$43.67
Ivory	165°F	15765MC/I	V209	$43.67
Black	135°F	15765MA/B	V209	$43.67
Black	165°F	15765MC/B	V209	$43.67

Please refer to page H-6 for information on Stainless Steel cover plates.

Microfast® Model M
Quick Response
Extended Coverage
FUSIBLE LINK[1]
Upright Sprinklers

Finish	Temp	Part #	IPG	List Price
VK535 - 11.2 (161) K Factor - 3/4 in NPT -UPRIGHT				
Standard Brass	165°F	14139AC	V139	$130.70
Standard Brass	205°F	14139AE	V139	$130.70
Chrome	165°F	14139FC	V139	$152.93
Chrome	205°F	14139FE	V139	$152.93
White-Polyester	165°F	14139MC/W	V139	$152.93
White-Polyester	205°F	14139ME/W	V139	$152.93
Std Sprinkler Wrench		05118CW/B	V207	$145.25

Microfast® Model M
Quick Response
Extended Coverage
FUSIBLE LINK[1]
Pendent Sprinklers

Finish	Temp	Part #	IPG	List Price
VK537 - 11.2 (161) K Factor - 3/4 in NPT -PENDENT				
Standard Brass	165°F	14611AC	V139	$130.70
Standard Brass	205°F	14611AE	V139	$130.70
Chrome	165°F	14611FC	V139	$152.93
Chrome	205°F	14611FE	V139	$152.93
White-Polyester	165°F	14611MC/W	V139	$152.93
White-Polyester	205°F	14611ME/W	V139	$152.93
Std Sprinkler Wrench		05118CW/B	V207	$145.25
Wrench for Recessed		11663W/B	V207	$145.25

Microfast® Model M
Quick Response
Extended Coverage
FUSIBLE LINK[1]
Pendent Sprinklers

Finish	Temp	Part #	IPG	List Price
VK601 - 5.6 (81) K Factor - 1/2 in NPT - PENDENT				
Standard Brass	165°F	13969AC	V135	$72.67
Standard Brass	205°F	13969AE	V135	$72.67
Chrome	165°F	13969FC	V135	$84.38
Chrome	205°F	13969FE	V135	$84.38
White-Polyester	165°F	13969MC/W	V135	$84.38
White-Polyester	205°F	13969ME/W	V135	$84.38
Std Sprinkler Wrench		21475M/B	V207	$75.37
Wrench for Recessed		13655W/B	V207	$145.25

Microfast® Model M
Quick Response
Extended Coverage
FUSIBLE LINK[1]
Pendent Sprinklers

Finish	Temp	Part #	IPG	List Price
VK603 - 8.0 (115) K Factor - 3/4 in NPT - PENDENT				
Standard Brass	165°F	18277AC	V135	$91.08
Standard Brass	205°F	18277AE	V135	$91.08
Chrome	165°F	18277FC	V135	$93.58
Chrome	205°F	18277FE	V135	$93.58
White-Polyester	165°F	18277MC/W	V135	$93.58
White-Polyester	205°F	18277ME/W	V135	$93.58
Std Sprinkler Wrench		21475M/B	V207	$75.37
Wrench for Recessed		13655W/B	V207	$145.25

Microfast® Model M
Quick Response
Extended Coverage
FUSIBLE LINK[1]
Pendent Sprinklers

Finish	Temp	Part #	IPG	List Price
VK617 - 11.2 (161) K Factor - 3/4 in NPT - PENDENT				
Standard Brass	165°F	14141AC	V138	$122.44
Standard Brass	205°F	14141AE	V138	$122.44
Chrome	165°F	14141FC	V138	$133.03
Chrome	205°F	14141FE	V138	$133.03
White-Polyester	165°F	14141MC/W	V139	$152.93
White-Polyester	205°F	14141ME/W	V139	$152.93
Std Sprinkler Wrench		05118CW/B	V207	$145.25
Wrench for Recessed		11663W/B	V207	$145.25

Select Escutcheons - 1/2 inch *			
E1 push-on (chrome,½ in)	06419AF	V200	$8.04
E1 push-on (white,½ in)	06419AM/W	V200	$8.04
E2 threaded (chrome,½ in)	11038F	V200	$8.07

**Refer to Page H-1 for complete list of available escutcheons*

Select Escutcheons - 3/4 inch *			
E1 push-on (chrome,¾ in)	20369F	V200	$8.07
E1 push-on (white,¾ in)	20369M/W	V200	$8.07
E2 threaded (chrome,¾ in)	11625F	V200	$8.07

**Refer to Page H-1 for complete list of available escutcheons*

(1) Also available with ENT (Electroless Nickel PTFE) plating for corrosion resistance (special order with extended lead time). Contact customer service for price and availability. Special order ENT plated sprinklers may not have listings/approvals.

Microfast® Model M
Quick Response
Extended Coverage
FUSIBLE LINK[1]
Horizontal Sidewall

Finish	Temp	Part #	IPG	List Price
VK609 - 5.6 (81) K Factor - 1/2 in NPT -HSW (QREC)				
Standard Brass	165°F	13971AC	V136	$70.15
Standard Brass	205°F	13971AE	V136	$70.15
Chrome	165°F	13971FC	V136	$75.18
Chrome	205°F	13971FE	V136	$75.18
White-Polyester	165°F	13971MC/W	V136	$75.18
White-Polyester	205°F	13971ME/W	V136	$75.18
Std Sprinkler Wrench		21475M/B	V207	$75.37
Wrench for Recessed		13655W/B	V207	$145.25

Microfast® Model M
Quick Response
Extended Coverage
FUSIBLE LINK[1]
Horizontal Sidewall
HIGH PRESSURE

Finish	Temp	Part #	IPG	List Price
VK613 - 5.6 (81) K Factor - 1/2 in NPT - HSW (HP)				
Standard Brass	165°F	13973AC	V136	$76.26
Standard Brass	205°F	13973AE	V136	$76.26
Chrome	165°F	13973FC	V136	$78.59
Chrome	205°F	13973FE	V136	$78.59
White-Polyester	165°F	13973MC/W	V136	$78.59
White-Polyester	205°F	13973ME/W	V136	$78.59
Std Sprinkler Wrench		21475M/B	V207	$75.37
Wrench for Recessed		13655W/B	V207	$145.25

Microfast® Model M
Quick Response
Extended Coverage
FUSIBLE LINK[1]
Pendent
HIGH PRESSURE

Finish	Temp	Part #	IPG	List Price
VK611 - 5.6 (81) K Factor - 1/2 in NPT - Pendent (HP)				
Standard Brass	165°F	13972AC	V135	$84.98
Standard Brass	205°F	13972AE	V135	$84.98
Chrome	165°F	13972FC	V135	$88.58
Chrome	205°F	13972FE	V135	$88.58
White-Polyester	165°F	13972MC/W	V135	$88.58
White-Polyester	205°F	13972ME/W	V135	$88.58
Std Sprinkler Wrench		21475M/B	V207	$75.37
Wrench for Recessed		13577W/B	V207	$145.25

NOTE - High Pressure (HP) = Working pressure to 250 psi (1724 kPa)

Select Escutcheons - Recessed Pendent Sprinklers*

Recessed Escutcheon
Model E-1 (push-on)
(includes cup & adapter)
(OD = 3-1/16" / 78 mm)

Finish	Size	Part #	IPG	List Price
Bright Brass	1/2"	06419AB	V201	$38.09
Polished Chrome	1/2"	06419AF	V200	$8.04
White	1/2"	06419AM/W	V200	$8.04
Black	1/2"	06419AM/B	V201	$16.65

Threaded Escutcheon
Model E-2 (thread-on)
(includes cup & adapter)
(OD = 3-1/8" / 80 mm)

Polished Chrome	1/2"	11038F	V200	$8.07
White	1/2"	11038M/W	V200	$8.07

**Refer to Page H-1 for complete list of available escutcheons*

(1) Also available with ENT (Electroless Nickel PTFE) plating for corrosion resistance (special order with extended lead time). Contact customer service for price and availability. Special order ENT plated sprinklers may not have listings/approvals.

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Notes

1. Water shields and guards are also available separately (see page H-3).
2. Refer to Viking technical data pages for complete product specifications. You may print or download technical data by visiting www.vikinggroupinc.com.
3. List prices effective January 12, 2019. Supersedes June 2018 list price book.
4. All sales by Viking are subject to the Terms & Conditions found on the last page of this book.

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ESFR
Storage
Fusible Link
Upright

SIN:	VK520
K Factor:	14.0 (202)
Thread Size:	3/4 inch NPT
Base Part #:	10625

Finish	Temp	Part #	IPG	List Price
Standard Brass	165°F	10625AC	V145	$120.37
Standard Brass	205°F	10625AE	V145	$120.37
Spk Wrench Upright ESFR		05118CW/B	V207	$145.25

ESFR
Storage
Fusible Link
Pendent

SIN:	VK500
K Factor:	14.0 (202)
Thread Size:	3/4 inch NPT
Base Part #:	10284

Finish	Temp	Part #	IPG	List Price
Standard Brass	165°F	10284AC	V146	$94.78
Standard Brass	205°F	10284AE	V146	$94.78
Spk Wrench 14K ESFR		13635W/B	V207	$136.24

ESFR
Storage
Fusible Link
Pendent

SIN:	VK503
K Factor:	16.8 (242)
Thread Size:	3/4 inch NPT
Base Part #:	14073

Finish	Temp	Part #	IPG	List Price
Standard Brass	165°F	14073AC	V147	$104.29
Standard Brass	205°F	14073AE	V147	$104.29
Spk Wrench Pndnt ESFR		13635W/B	V207	$136.24

ESFR
Storage
Fusible Link
Pendent

SIN:	VK506
K Factor:	22.4 (320)
Thread Size:	1 inch NPT
Base Part #:	18493

Finish	Temp	Part #	IPG	List Price
Standard Brass	165°F	18493AC	V148	$135.23
Standard Brass	205°F	18493AE	V148	$135.23
Spk Wrench Pndnt ESFR		13635W/B	V207	$136.24

ESFR
Storage
Fusible Link
Pendent

SIN:	VK510
K Factor:	25.2 (363)
Thread Size:	1 inch NPT
Base Part #:	12080

Finish	Temp	Part #	IPG	List Price
Standard Brass	165°F	12080AC	V149	$140.04
Standard Brass	205°F	12080AE	V149	$140.04
Spk Wrench Pndnt ESFR		13635W/B	V207	$136.24

ESFR
Storage
Fusible Link
Pendent

SIN:	VK514
K Factor:	28.0 (404)
Thread Size:	1 inch NPT
Base Part #:	**FM/UL**: 22894
	UL Only: 19591

Finish	Temp	Part #	IPG	List Price
Standard Brass	165°F	22894AC	V150	$143.77
Standard Brass	205°F	22894AE	V150	$143.77
Standard Brass	165°F	19591AC	V150	$143.77
Standard Brass	205°F	19591AE	V150	$143.77
Spk Wrench Pndnt ESFR		13635W/B	V207	$136.24

** See page D-2 for dry ESFR pendent sprinklers.*

ESFR Dry Pendent Sprinklers

ESFR - Dry Sprinkler[1,2,3]
Fusible Link
DRY SPRINKLER
Pendent

SIN: VK502
K Factor: 14.0 (202)
Connection:
Grooved 2 inch grooved
Threaded 1-1/2 inch NPT

Length - T/G	Temp	Part #	IPG	List Price
Standard Barrel Length - 36 in (953 mm)				
Grooved - 36"	165°F	18176AC	V151	$1,493.85
Threaded - 36"	165°F	18177AC	V151	$1,599.38
Additional Available Lengths				
Grooved - 18"	165°F	18702AC	V151	$1,568.54
Threaded - 18"	165°F	18703AC	V151	$1,599.38
Grooved - 24"	165°F	18706AC	V151	$1,569.37
Threaded - 24"	165°F	18707AC	V151	$1,568.54
Grooved - 30"	165°F	18710AC	V151	$1,569.37
Threaded - 30"	165°F	18711AC	V151	$1,599.38

ESFR - Dry Sprinkler[1,2,3]
Fusible Link
DRY SPRINKLER
Pendent

SIN: VK504
K Factor: 16.8 (242)
Connection:
Grooved 1-1/2 inch grooved
Threaded 1-1/2 inch NPT

Length - T/G	Temp	Part #	IPG	List Price
Standard Barrel Length - 36 in (953 mm)				
Grooved - 36"	165°F	19015AC	V152	$1,546.19
Grooved - 36"	205°F	19015AE	V152	$1,546.19
Threaded - 36"	165°F	19016AC	V152	$1,601.40
Threaded - 36"	205°F	19016AE	V152	$1,601.40
Additional Available Lengths				
Grooved - 18"	165°F	19225AC	V152	$1,546.19
Grooved - 18"	205°F	19225AE	V152	$1,546.19
Threaded - 18"	165°F	19226AC	V152	$1,601.40
Threaded - 18"	205°F	19226AE	V152	$1,601.40
Grooved - 24"	165°F	19229AC	V152	$1,546.19
Grooved - 24"	205°F	19229AE	V152	$1,546.19
Threaded - 24"	165°F	19230AC	V152	$1,601.40
Threaded - 24"	205°F	19230AE	V152	$1,601.40
Grooved - 30"	165°F	19233AC	V152	$1,546.19
Grooved - 30"	205°F	19233AE	V152	$1,546.19
Threaded - 30"	165°F	19234AC	V152	$1,601.40
Threaded - 30"	205°F	19234AE	V152	$1,601.40

(1) VK502 and VK504 can only be installed in wet systems.
(2) Includes two dry sprinkler insulation boots (p/n 19330M/W).
(3) Dry ESFR sprinklers do not require a specific installation wrench. For grooved connection, use crescent wrench applied on grooved coupling. For threaded model, a pipe wrench applied on the inlet housing can be used.

Control Mode Specific Application Sprinklers

Control Mode Specific App.
Standard Response
Fusible Link
Pendent

SIN: VK592
K Factor: 19.6 (283)
Thread Size: 1 inch NPT
Base Part #: 14243A

Finish	Temp	Part #	IPG	List Price
Standard Brass	160°F	14243AC	V153	$165.05
Standard Brass	205°F	14243AE	V153	$165.05
Spk Wrench		13635W/B	V207	$136.24

High Challenge®
Large Drop
ELO
Glass Bulb
Upright

SIN: VK540
K Factor: 11.2 (161)
Thread Size: 3/4 inch NPT
Base Part #: 13167

Finish	Temp	Part #	IPG	List Price
Standard Brass	155°F	13167AB	V155	$105.79
Standard Brass	200°F	13167AE	V155	$105.79
Standard Brass	286°F	13167AG	V155	$105.79
Wrench High Challenge		05118CW/B	V207	$145.25

FOR REPLACEMENT ONLY

High Challenge®
Large Drop
ELO
Glass Bulb
Upright

SIN: VK540
K Factor: 11.2 (161)
Thread Size: 1/2 inch NPT
Base Part #: 13166

Finish	Temp	Part #	IPG	List Price
Standard Brass	155°F	13166AB	V154	$150.61
Standard Brass	200°F	13166AE	V154	$150.61
Standard Brass	286°F	13166AG	V154	$150.61
Wrench High Challenge		05118CW/B	V207	$145.25

Control Mode
Standard Response
Density Area
Glass Bulb
Upright

SIN:	VK580
K Factor:	16.8 (242)
Thread Size:	3/4 inch NPT
Base Part #:	12739

Finish	Temp	Part #	IPG	List Price
Standard Brass	155°F	12739AB	V156	$92.84
Standard Brass	175°F	12739AD	V156	$92.84
Standard Brass	200°F	12739AE	V156	$92.84
Standard Brass	286°F	12739AG	V156	$92.84
Spk Wrench for 16.8K		07297W/B	V207	$113.16

FM Storage / Non-Storage
Standard Response
Standard Coverage
Glass Bulb
Upright

SIN:	VK598
K Factor:	25.2 (363)
Thread Size:	1 inch NPT
Base Part #:	19522

Finish	Temp	Part #	IPG	List Price
Standard Brass	155°F	19522AB	V157	$163.15
Standard Brass	175°F	19522AD	V157	$163.15
Standard Brass	200°F	19522AE	V157	$163.15
Standard Brass	286°F	19522AG	V157	$163.15
Spk Wrench Pndnt ESFR		13635W/B	V207	$136.24

Model-M ELO
Standard Response
Special Application
Glass Bulb
Upright

SIN:	VK530
K Factor:	11.2 (161)
Thread Size:	3/4 inch NPT
Base Part #:	09679

Finish	Temp	Part #	IPG	List Price
Standard Brass	155°F	09679AB	V159	$61.66
Standard Brass	175°F	09679AD	V159	$61.66
Standard Brass	200°F	09679AE	V159	$61.66
Standard Brass	286°F	09679AG	V159	$61.66
Chrome	155°F	09679FB	V159	$77.17
Chrome	175°F	09679FD	V159	$77.17
Chrome	200°F	09679FE	V159	$77.17
Chrome	286°F	09679FG	V159	$77.17
White-Polyester[1]	155°F	09679MB/W	V159	$77.17
White-Polyester	175°F	09679MD/W	V159	$77.17
White-Polyester	200°F	09679ME/W	V159	$77.17
White-Polyester	286°F	09679MG/W	V159	$77.17
Nickel PTFE (ENT)[2]	155°F	09679JNB	V188.A	$123.03
Nickel PTFE (ENT)	175°F	09679JND	V188.A	$123.03
Nickel PTFE (ENT)	200°F	09679JNE	V188.A	$123.03
Nickel PTFE (ENT)	286°F	09679JNG	V188.A	$123.03
Nickel PTFE (ENT)	OPEN	09679JNZ	V188.A	$123.03
Wax Coated[3]	155°F	09679CB	V160	$127.26
Wax Coated	175°F	09679CD	V160	$127.26
Wax Coated	200°F	09679CE	V160	$127.26
Wax Coated	286°F	09679CG	V160	$127.26
Spk Wrench Upright ELO		05118CW/B	V207	$145.25

Model-M ELO
Quick Response
Special Application
Glass Bulb
Upright

SIN:	VK531
K Factor:	11.2 (161)
Thread Size:	3/4 inch NPT
Base Part #:	10633

Finish	Temp	Part #	IPG	List Price
Standard Brass	155°F	10633AB	V161	$67.92
Standard Brass	175°F	10633AD	V161	$67.92
Standard Brass	200°F	10633AE	V161	$67.92
Standard Brass	286°F	10633AG	V161	$67.92
Chrome	155°F	10633FB	V161	$86.22
Chrome	175°F	10633FD	V161	$86.22
Chrome	200°F	10633FE	V161	$86.22
Chrome	286°F	10633FG	V161	$86.22
White-Polyester[1]	155°F	10633MB/W	V161	$86.22
White-Polyester	175°F	10633MD/W	V161	$86.22
White-Polyester	200°F	10633ME/W	V161	$86.22
White-Polyester	286°F	10633MG/W	V161	$86.22
Nickel PTFE (ENT)[2]	155°F	10633JNB	V188.A	$129.86
Nickel PTFE (ENT)	175°F	10633JND	V188.A	$129.86
Nickel PTFE (ENT)	200°F	10633JNE	V188.A	$129.86
Nickel PTFE (ENT)	286°F	10633JNG	V188.A	$129.86
Spk Wrench Upright ELO		05118CW/B	V207	$145.25

(1) Suitable for decorative applications; UL listed for corrosion resistance.
(2) Electroless Nickel PTFE (ENT) plating is UL Listed and FM Approved for corrosion resistance.
(3) Brass is the standard finish for wax coated sprinklers.

Model-M ELO
Standard Response
Special Application
Glass Bulb
Pendent

SIN:	VK536
K Factor:	11.2 (161)
Thread Size:	3/4 inch NPT
Base Part #:	07961

Finish	Temp	Part #	IPG	List Price
Standard Brass	155°F	07961AB	V159	$61.66
Standard Brass	175°F	07961AD	V159	$61.66
Standard Brass	200°F	07961AE	V159	$61.66
Standard Brass	286°F	07961AG	V159	$61.66
Chrome	155°F	07961FB	V159	$77.16
Chrome	175°F	07961FD	V159	$77.16
Chrome	200°F	07961FE	V159	$77.16
Chrome	286°F	07961FG	V159	$77.16
White-Polyester[1]	155°F	07961MB/W	V159	$77.16
White-Polyester	175°F	07961MD/W	V159	$77.16
White-Polyester	200°F	07961ME/W	V159	$77.16
White-Polyester	286°F	07961MG/W	V159	$77.16
Nickel PTFE (ENT)[2]	155°F	07961JNB	V188.A	$123.03
Nickel PTFE (ENT)	175°F	07961JND	V188.A	$123.03
Nickel PTFE (ENT)	200°F	07961JNE	V188.A	$123.03
Nickel PTFE (ENT)	286°F	07961JNG	V188.A	$123.03
Spk Wrench Pendent ELO		05118CW/B	V207	$145.25

Model-M ELO
Quick Response
Special Application
Glass Bulb
Pendent

SIN:	VK377
K Factor:	11.2 (161)
Thread Size:	3/4 inch NPT
Base Part #:	08337

Finish	Temp	Part #	IPG	List Price
Standard Brass	155°F	08337AB	V161	$67.92
Standard Brass	175°F	08337AD	V161	$67.92
Standard Brass	200°F	08337AE	V161	$67.92
Standard Brass	286°F	08337AG	V161	$67.92
Chrome	155°F	08337FB	V161	$86.22
Chrome	175°F	08337FD	V161	$86.22
Chrome	200°F	08337FE	V161	$86.22
Chrome	286°F	08337FG	V161	$86.22
White-Polyester[1]	155°F	08337MB/W	V161	$86.22
White-Polyester	175°F	08337MD/W	V161	$86.22
White-Polyester	200°F	08337ME/W	V161	$86.22
White-Polyester	286°F	08337MG/W	V161	$86.22
Nickel PTFE (ENT)[2]	155°F	08337JNB	V188.A	$129.86
Nickel PTFE (ENT)	175°F	08337JND	V188.A	$129.86
Nickel PTFE (ENT)	200°F	08337JNE	V188.A	$129.86
Nickel PTFE (ENT)	286°F	08337JNG	V188.A	$129.86
Spk Wrench Pendent ELO		05118CW/B	V207	$145.25

Model-M ELO
Quick Response
Special Application
FUSIBLE LINK
Upright

SIN:	VK533
K Factor:	11.2 (161)
Thread Size:	3/4 inch NPT
Base Part #:	13978

Finish	Temp	Part #	IPG	List Price
Standard Brass	165°F	13978AC	V162	$89.11
Standard Brass	205°F	13978AE	V162	$89.11
Standard Brass	280°F	13978AG	V162	$89.11
Chrome	165°F	13978FC	V162	$102.12
Chrome	205°F	13978FE	V162	$102.12
Chrome	280°F	13978FG	V162	$102.12
White-Polyester[1]	165°F	13978MC/W	V162	$102.12
White-Polyester	205°F	13978ME/W	V162	$102.12
White-Polyester	280°F	13978MG/W	V162	$102.12
Spk Wrench Upright ELO		05118CW/B	V207	$145.25

Storage - CMDA/CMSA
EXTENDED COVERAGE
Standard/Quick Response
Fusible Link
Upright

SIN:	VK595
K Factor:	25.2 (363)
Thread Size:	1 inch NPT
Base Part #:	16859A

Finish	Temp	Part #	IPG	List Price
Standard Brass	165°F	16859AC	V158	$189.07
Standard Brass	212°F	16859AE	V158	$189.07
Spk Wrench		16888M/B	V207	$166.52

(1) Suitable for decorative applications and are UL listed for corrosion resistance.
(2) Electroless Nickel PTFE (ENT) plating is UL Listed and FM Approved for corrosion resistance.

Micromatic® Model M
Intermediate Level / In-Rack
Preassembled w/ Shield
Standard Response
Glass Bulb
Upright

SIN: VK550
K Factor: 5.6 (81)
Thread Size: 1/2 inch NPT
Base Part #: 12986--U

Finish	Temp	Part #	IPG	List Price
Standard Brass	155°F	12986ABU	V165	$55.10
Standard Brass	175°F	12986ADU	V165	$55.10
Standard Brass	200°F	12986AEU	V165	$55.10
Standard Brass	286°F	12986AGU	V165	$55.10
Standard Brass	360°F	12986AHU	V165	$55.10
Std Sprinkler Wrench		21475M/B	V207	$75.37

FUSIBLE LINK - VK552 - 5.6 (81) K Factor - SR Upright				
Standard Brass	165°F	12973ACU	V165	$65.99
Standard Brass	220°F	12973AFU	V165	$65.99
Standard Brass	286°F	12973AGU	V165	$65.99
Std Sprinkler Wrench		21475M/B	V207	$75.37

Micromatic® Model M
Intermediate Level / In-Rack
Preassembled w/ Shield
Standard Response
Glass Bulb
Upright

SIN: VK560
K Factor: 8.0 (115)
Thread Size: 3/4 inch NPT
Base Part #: 18263--U

Finish	Temp	Part #	IPG	List Price
Standard Brass	155°F	18263ABU	V165	$53.81
Standard Brass	175°F	18263ADU	V165	$53.81
Standard Brass	200°F	18263AEU	V165	$53.81
Standard Brass	286°F	18263AGU	V165	$53.81
Standard Brass	360°F	18263AHU	V165	$53.81
1/2 inch NPT (10220) - REPLACEMENT ONLY				
Standard Brass	155°F	18268ABU	V165	$71.97
Standard Brass	175°F	18268ADU	V165	$71.97
Standard Brass	200°F	18268AEU	V165	$71.97
Standard Brass	286°F	18268AGU	V165	$71.97
FUSIBLE LINK - VK562 - 8.0 (110) K Factor - SR Upright				
Standard Brass	165°F	18253ACU	V165	$65.99
Standard Brass	220°F	18253AFU	V165	$65.99
Standard Brass	286°F	18253AGU	V165	$65.99
Std Sprinkler Wrench		21475M/B	V207	$75.37

Microfast® Model M
Intermediate Level / In-Rack
Preassembled w/ Shield
Quick Response
Glass Bulb
Upright

SIN: VK556
K Factor: 5.6 (81)
Thread Size: 1/2 inch NPT
Base Part #: 12978--U

Finish	Temp	Part #	IPG	List Price
Standard Brass	155°F	12978ABU	V166	$64.33
Standard Brass	175°F	12978ADU	V166	$64.33
Standard Brass	200°F	12978AEU	V166	$64.33
Standard Brass	286°F	12978AGU	V166	$64.33
HIGH PRESSURE (VK558 - p/n 12281--U)				
Standard Brass	155°F	12281ABU	V165	$76.01
Standard Brass	175°F	12281ADU	V165	$76.01
Standard Brass	200°F	12281AEU	V165	$76.01
Standard Brass	286°F	12281AGU	V165	$76.01
FUSIBLE LINK - VK551 - 5.6 (81) K Factor - QR Upright				
Standard Brass	205°F	12279AEU	V167	$78.61
Standard Brass	280°F	12279AGU	V167	$78.61
Std Sprinkler Wrench		21475M/B	V207	$75.37

Microfast® Model M
Intermediate Level / In-Rack
Preassembled w/ Shield
Quick Response
Glass Bulb
Upright

SIN: VK566
K Factor: 8.0 (115)
Thread Size: 3/4 inch NPT
Base Part #: 18257--U

Finish	Temp	Part #	IPG	List Price
Standard Brass	155°F	18257ABU	V166	$65.21
Standard Brass	175°F	18257ADU	V166	$65.21
Standard Brass	200°F	18257AEU	V166	$65.21
Standard Brass	286°F	18257AGU	V166	$65.21

FUSIBLE LINK - VK567 - 8.0 (110) K Factor - QR Upright				
Standard Brass	165°F	18275ACU	V167	$85.46
Standard Brass	205°F	18275AEU	V167	$85.46
Standard Brass	280°F	18275AGU	V167	$85.46
Std Sprinkler Wrench		21475M/B	V207	$75.37

Micromatic® Model M
Intermediate Level / In-Rack
Preassembled w/ Guard
Standard Response
Glass Bulb
Upright

SIN:	VK100
K Factor:	5.6 (81)
Thread Size:	1/2 inch NPT
Base Part #:	12986--G

Finish	Temp	Part #	IPG	List Price
Standard Brass	155°F	12986ABG	V168	$57.71
Standard Brass	175°F	12986ADG	V168	$57.71
Standard Brass	200°F	12986AEG	V168	$57.71
Standard Brass	286°F	12986AGG	V168	$57.71
FUSIBLE LINK - VK108 - 5.6 (81) K Factor - SR Upright				
Standard Brass	165°F	12973ACG	V165	$104.59
Standard Brass	220°F	12973AFG	V165	$104.59
Standard Brass	286°F	12973AGG	V165	$104.59
Std Sprinkler Wrench		21475M/B	V207	$75.37

Micromatic® Model M
Intermediate Level / In-Rack
Preassembled w/ Guard
Standard Response
Glass Bulb
Pendent

SIN:	VK102
K Factor:	5.6 (81)
Thread Size:	1/2 inch NPT
Base Part #:	12987--G

Finish	Temp	Part #	IPG	List Price
Standard Brass	155°F	12987ABG	V168	$57.71
Standard Brass	175°F	12987ADG	V168	$57.71
Standard Brass	200°F	12987AEG	V168	$57.71
Standard Brass	286°F	12987AGG	V168	$57.71
Std Sprinkler Wrench		21475M/B	V207	$75.37

Micromatic® Model M
Intermediate Level / In-Rack
Preassembled w/ Guard
Standard Response
Glass Bulb
Upright

SIN:	VK200
K Factor:	8.0 (115)
Thread Size:	3/4 inch NPT
Base Part #:	18263--G

Finish	Temp	Part #	IPG	List Price
Standard Brass	155°F	18263ABG	V168	$59.44
Standard Brass	175°F	18263ADG	V165	$53.81
Standard Brass	200°F	18263AEG	V168	$59.44
Standard Brass	286°F	18263AGG	V165	$53.81
FUSIBLE LINK - VK204 - 8.0 (115) K Factor - SR Upright				
Standard Brass	165°F	18253ACG	V169	$75.24
Standard Brass	220°F	18253AFG	V169	$75.24
Standard Brass	286°F	18253AGG	V169	$75.24
Std Sprinkler Wrench		21475M/B	V207	$75.37

Micromatic® Model M
Intermediate Level / In-Rack
Preassembled w/ Guard
Standard Response
Glass Bulb
Pendent

SIN:	VK202
K Factor:	8.0 (115)
Thread Size:	3/4 inch NPT
Base Part #:	18264--G

Finish	Temp	Part #	IPG	List Price
Standard Brass	155°F	18264ABG	V168	$65.12
Standard Brass	175°F	18264ADG	V168	$65.12
Standard Brass	200°F	18264AEG	V168	$65.12
Standard Brass	286°F	18264AGG	V168	$65.12
FUSIBLE LINK - VK206 - 8.0 (115) K Factor - SR Pendent				
Standard Brass	165°F	18254ACG	V169	$75.24
Standard Brass	220°F	18254AFG	V169	$75.24
Standard Brass	286°F	18254AGG	V169	$75.24
Std Sprinkler Wrench		21475M/B	V207	$75.37

For intermediate level sprinklers preassembled with guard, the Model F-1 water shield may be ordered separately. Shield must be installed in field (not available preassembled)

optional water shields	*field installed shield*	*field installed shield*
Model E-1 (upright)	*upright*	*pendent*

Model F-1 (pendent)

Model E-1 UPRIGHT Water Shield

Size	Part #	IPG	List Price
1/2 "	10326	V206	$4.75
3/4"	10326	V206	$4.75

Model F-1 PENDENT Water Shield

Size	Part #	IPG	List Price
1/2 "	10323	V206	$4.75
3/4"	10324	V206	$4.75

NOTE - Sprinkler guards are also available separately (see page H-3).

** also available in stainless steel (see page H-3)*

Microfast® Model M
Intermediate Level / In-Rack
Preassembled w/ Guard
Quick Response
Glass Bulb
Upright

SIN:	VK300
K Factor:	5.6 (81)
Thread Size:	1/2 inch NPT
Base Part #:	12978--G

Finish	Temp	Part #	IPG	List Price
Standard Brass	155°F	12978ABG	V170	$69.26
Standard Brass	175°F	12978ADG	V170	$69.26
Standard Brass	200°F	12978AEG	V170	$69.26
Standard Brass	286°F	12978AGG	V170	$69.26
HIGH PRESSURE (VK315 - p/n 12281--G)				
Standard Brass	155°F	12281ABG	V165	$81.21
Standard Brass	175°F	12281ADG	V165	$81.21
Standard Brass	200°F	12281AEG	V165	$81.21
Standard Brass	286°F	12281AGG	V165	$81.21
FUSIBLE LINK - VK204 - 5.6 (81) K Factor - QR Upright				
Standard Brass	165°F	05514ACG	V171	$84.01
Standard Brass	220°F	05514AFG	V171	$84.01
Standard Brass	286°F	05514AGG	V171	$84.01
Std Sprinkler Wrench		**21475M/B**	**V207**	**$75.37**

Microfast® Model M
Intermediate Level / In-Rack
Preassembled w/ Guard
Quick Response
Glass Bulb
Pendent

SIN:	VK302
K Factor:	5.6 (81)
Thread Size:	1/2 inch NPT
Base Part #:	12979--G

Finish	Temp	Part #	IPG	List Price
Standard Brass	155°F	12979ABG	V170	$67.53
Standard Brass	175°F	12979ADG	V170	$67.53
Standard Brass	200°F	12979AEG	V170	$67.53
Standard Brass	286°F	12979AGG	V170	$67.53
HIGH PRESSURE (VK317 - p/n 12282)				
Standard Brass	155°F	12282ABG	V170	$81.22
Standard Brass	175°F	12282ADG	V170	$81.22
Standard Brass	200°F	12282AEG	V170	$81.22
Standard Brass	286°F	12282AGG	V170	$81.22
FUSIBLE LINK - VK303 - 5.6 (81) K Factor - QR Pendent				
Standard Brass	165°F	17536ACG	V171	$84.01
Standard Brass	220°F	17536AFG	V171	$84.01
Standard Brass	286°F	17536AGG	V171	$84.01
Std Sprinkler Wrench		**21475M/B**	**V207**	**$75.37**

Microfast® Model M
Intermediate Level / In-Rack
Preassembled w/ Guard
Quick Response
Glass Bulb
Upright

SIN:	VK350
K Factor:	8.0 (115)
Thread Size:	3/4 inch NPT
Base Part #:	18257--G

Finish	Temp	Part #	IPG	List Price
Standard Brass	155°F	18257ABG	V170	$42.86
Standard Brass	175°F	18257ADG	V170	$66.72
Standard Brass	200°F	18257AEG	V170	$66.72
Standard Brass	286°F	18257AGG	V170	$66.72
Std Sprinkler Wrench		**21475M/B**	**V207**	**$75.37**

Microfast® Model M
Intermediate Level / In-Rack
Preassembled w/ Guard
Quick Response
Glass Bulb
Pendent

SIN:	VK352
K Factor:	8.0 (115)
Thread Size:	3/4 inch NPT
Base Part #:	18258--G

Finish	Temp	Part #	IPG	List Price
Standard Brass	155°F	18258ABG	V170	$77.84
Standard Brass	175°F	18258ADG	V170	$77.84
Standard Brass	200°F	18258AEG	V170	$77.84
Standard Brass	286°F	18258AGG	V170	$77.84
Std Sprinkler Wrench		**21475M/B**	**V207**	**$75.37**

For intermediate level sprinklers preassembled with guard, the Model F-1 water shield may be ordered separately. Shield must be installed in field (not available preassembled)

optional water shields	*field installed shield*	*field installed shield*
Model E-1 (upright)	*upright*	*pendent*

Model F-1 (pendent)

Model E-1 UPRIGHT Water Shield

Size	Part #	IPG	List Price
1/2 "	10326	V206	$4.75
3/4"	10326	V206	$4.75

Model F-1 PENDENT Water Shield

Size	Part #	IPG	List Price
1/2 "	10323	V206	$4.75
3/4"	10324	V206	$4.75

NOTE - Sprinkler guards are also available separately (see page H-3).

** also available in stainless steel (see page H-3)*

Section E
Special Sprinklers

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Notes

1. Unless otherwise indicated, all cover plates and escutcheons are sold separately.
2. Cover plates, escutcheons, and sprinklers are available in custom colors at an additional charge. See page F-8 for details.
3. Refer to Viking technical data pages for complete product specifications. You may print or download technical data by visiting www.vikinggroupinc.com.
4. List prices effective January 12, 2019. Supersedes June 2018 list price book.
5. All sales by Viking are subject to the Terms & Conditions found on the last page of this book.

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Institutional
Quick Response
Standard Coverage
Fusible Link
Flush Pendent

SIN:	VK426
K Factor:	5.6 (81)
Thread Size:	1/2 inch NPT
Base Part #:	19663

Finish	Temp	Part #	IPG	List Price
Polished Chrome	165°F	19663FC	V173	$96.05
Polished Chrome	205°F	19663FE	V173	$96.05
Painted White	165°F	19663MC/W	V173	$96.05
Painted White	205°F	19663ME/W	V173	$96.05
Painted Gray	165°F	19663MC/RAL9006	V173	$96.05
Painted Gray	205°F	19663ME/RAL9006	V173	$96.05
Socket Wrench		22847M/B	V207	$242.98

Institutional
Quick Response
Standard Coverage
Fusible Link
Flush Horizontal Sidewall

SIN:	VK427
K Factor:	5.6 (81)
Thread Size:	1/2 inch NPT
Base Part #:	22885

Finish	Temp	Part #	IPG	List Price
Polished Chrome	165°F	22885FC	V173	$110.83
Polished Chrome	205°F	22885FE	V173	$110.83
Painted White	165°F	22885MC/W	V173	$110.83
Painted White	205°F	22885ME/W	V173	$110.83
Painted Gray	165°F	22885MC/RAL9006	V173	$110.83
Painted Gray	205°F	22885ME/RAL9006	V173	$110.83
Socket Wrench		22847M/B	V207	$242.98

Institutional
Quick Response
Extended Coverage
Fusible Link
Flush Pendent

SIN:	VK650
K Factor:	5.6 (81)
Thread Size:	1/2 inch NPT
Base Part #:	19876

Finish	Temp	Part #	IPG	List Price
Polished Chrome	165°F	19876FC	V173	$103.44
Polished Chrome	205°F	19876FE	V173	$103.44
Painted White	165°F	19876MC/W	V173	$103.44
Painted White	205°F	19876ME/W	V173	$103.44
Painted Gray	165°F	19876MC/RAL9006	V173	$103.44
Painted Gray	205°F	19876ME/RAL9006	V173	$103.44
Socket Wrench		22847M/B	V207	$242.98

Institutional
Quick Response
Extended Coverage
Fusible Link
Flush Horizontal Sidewall

SIN:	VK651
K Factor:	5.6 (81)
Thread Size:	1/2 inch NPT
Base Part #:	22884

Finish	Temp	Part #	IPG	List Price
Polished Chrome	165°F	22884FC	V173	$118.22
Polished Chrome	205°F	22884FE	V173	$118.22
Painted White	165°F	22884MC/W	V173	$118.22
Painted White	205°F	22884ME/W	V173	$118.22
Painted Gray	165°F	22884MC/RAL9006	V173	$118.22
Painted Gray	205°F	22884ME/RAL9006	V173	$118.22
Socket Wrench		22847M/B	V207	$242.98

Institutional
Escutcheon

Finish			Part #	IPG	List Price
Polished Chrome	3"		19650F	V173	$11.08
Painted White	3"		19650M/W	V173	$11.08
Painted Gray	3"		19650M/RAL9006	V173	$20.93
Polished Chrome	4"		19651F	V173	$14.78
Painted White	4"		19651M/W	V173	$14.78
Painted Gray	4"		19651M/RAL9006	V173	$23.40

Institutional
Optional Retaining Flange and Screw Assembly[1]

Finish	Part #	IPG	List Price
Polished Chrome	10599	V173	$44.32

(1) Set screw requires a 1/8" allen wrench not available from Viking.

Specific Application Attic Sprinklers [1]

Back-to-Back (Model V-BB) Attic Sprinkler, Specific Application, Glass Bulb, ½ and ¾ inch NPT

K Factor	Roof Pitch	SIN	Part #	Temp	Finish[1]	IPG	List Price
5.6 (81)	4:12 < 7:12	VK684	19627AE	200°F	Standard Brass	V174	$ 381.51
5.6 (81)	7:12 < 10:12	VK685	19801AE	200°F	Standard Brass	V174	$ 381.51
5.6 (81)	10:12 ≤ 12:12	VK686	19754AE	200°F	Standard Brass	V174	$ 381.51
8.0 (115)	4:12 < 7:12	VK681	19626AE	200°F	Standard Brass	V174	$ 445.32
8.0 (115)	7:12 < 10:12	VK682	19798AE	200°F	Standard Brass	V174	$ 445.32
8.0 (115)	10:12 ≤ 12:12	VK683	19751AE	200°F	Standard Brass	V174	$ 445.32

Single Directional (Model V-SD) Attic Sprinkler, Specific Application, Glass Bulb, ½ inch NPT

K Factor	Roof Pitch	SIN	Part #	Temp	Finish[1]	IPG	List Price
5.6 (81)	4:12 < 7:12	VK693	19578AE	200°F	Standard Brass	V174	$ 381.51
5.6 (81)	7:12 < 10:12	VK694	19799AE	200°F	Standard Brass	V174	$ 381.51
5.6 (81)	10:12 ≤ 12:12	VK695	19759AE	200°F	Standard Brass	V174	$ 381.51

Attic Upright Sprinkler, Specific Application, Glass Bulb, ½ inch NPT

K Factor	Roof Pitch	SIN	Part #	Temp	Finish[1]	IPG	List Price
4.2 (57)	4:12 to 12:12	VK696	19538AE	200°F	Standard Brass	V175	$ 55.82
5.6 (81)	4:12 to 12:12	VK697	21716AE	200°F	Standard Brass	V175	$ 63.75

Attic HIP (Model V-HIP), Specific Application, Glass Bulb, ½ inch NPT

K Factor	Roof Pitch	SIN	Part #	Temp	Finish[1]	IPG	List Price
5.6 (81)	4:12 to 12:12	VK660	20952AE	200°F	Standard Brass	V174	$ 381.51

Installation Wrench	Part #	IPG	List Price
Standard Wrench	21475M/B	V207	$ 75.37

(1) Also available with Electroless Nickel PTFE (ENT) plating for corrosion resistance (special order with extended lead time). Please contact customer service for price and availability.

COIN®
Quick Response
COmbustible INterstitial
Glass Bulb
Upright (Specific Application)

SIN:	VK900
K Factor:	4.2 (60)
Thread Size:	1/2 inch NPT
Base Part #:	12493

Finish	Temp	Part #	IPG	List Price
Standard Brass	175°F	12493AD	V172	$69.99
FUSIBLE LINK - VK901 (4.2 (60) K Factor)				
Standard Brass	205°F	12676AE	V172	$77.75
Std Sprinkler Wrench		21475M/B	V207	$75.37

COIN®
Quick Response
COmbustible INterstitial
Glass Bulb
Upright (Specific Application)

SIN:	VK950
K Factor:	5.6 (80)
Thread Size:	1/2 inch NPT
Base Part #:	20757

Finish	Temp	Part #	IPG	List Price
Standard Brass	200°F	20757AE	V172	$85.72
Std Sprinkler Wrench		21475M/B	V207	$75.37

Window Sprinkler
Quick Response
Glass Bulb
Pendent Vertical Sidewall
(Specific Application)

SIN:	VK960
K Factor:	5.6 (81)
Thread Size:	1/2 inch NPT
Base Part #:	23017

Finish	Temp	Part #	IPG	List Price
Standard Brass	155°F	23017AB	V193	$461.00
Standard Brass	200°F	23017AE	V193	$461.00
Polished Chrome	155°F	23017FB	V193	$479.44
Polished Chrome	200°F	23017FE	V193	$479.44
White-Polyester	155°F	23017MB/W	V193	$479.44
White-Polyester	200°F	23017ME/W	V193	$479.44
Black-Polyester	155°F	23017MB/B	V193	$479.44
Black-Polyester	200°F	23017ME/B	V193	$479.44
Nickel PTFE (ENT)	155°F	23017JNB	V193	$534.76
Nickel PTFE (ENT)	200°F	23017JNE	V193	$534.76
Std Sprinkler Wrench		22940MB	V207	$75.37

Window Sprinkler
Quick Response
Glass Bulb
Horizontal Sidewall
(Specific Application)

SIN:	VK962
K Factor:	5.6 (81)
Thread Size:	1/2 inch NPT
Base Part #:	23019

Finish	Temp	Part #	IPG	List Price
Standard Brass	155°F	23019AB	V193	$461.00
Standard Brass	200°F	23019AE	V193	$461.00
Polished Chrome	155°F	23019FB	V193	$479.44
Polished Chrome	200°F	23019FE	V193	$479.44
White-Polyester	155°F	23019MB/W	V193	$479.44
White-Polyester	200°F	23019ME/W	V193	$479.44
Black-Polyester	155°F	23019MB/B	V193	$479.44
Black-Polyester	200°F	23019ME/B	V193	$479.44
Nickel PTFE (ENT)	155°F	23019JNB	V193	$534.76
Nickel PTFE (ENT)	200°F	23019JNE	V193	$534.76
Std Sprinkler Wrench		22940MB	V207	$75.37

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Freedom® Residential Sprinklers

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Notes

1. Unless otherwise indicated, all cover plates and escutcheons are sold separately.
2. Cover plates, escutcheons, and sprinklers are available in custom colors at an additional charge. See page F-8 for details.
3. Refer to Viking technical data pages for complete product specifications. You may print or download technical data by visiting www.vikinggroupinc.com.
4. List prices effective January 12, 2019. Supersedes June 2018 list price book.
5. All sales by Viking are subject to the Terms & Conditions found on the last page of this book.

Freedom® is a registered trademark of The Viking Corporation

Freedom® Residential Glass Bulb Pendent

SIN:	VK470
K Factor:	3.0 (43)
Thread Size:	1/2 inch NPT
Base Part #:	17147

Finish	Temp	Part #	IPG	List Price
Standard Brass	155°F	17147AB	V176	$52.72
Standard Brass	175°F	17147AD	V176	$52.72
Chrome	155°F	17147FB	V176	$57.06
Chrome	175°F	17147FD	V176	$57.06
White-Polyester	155°F	17147MB/W	V176	$57.06
White-Polyester	175°F	17147MD/W	V176	$57.06
Nickel PTFE (ENT)[1]	155°F	17147JNB	V188.A	$72.46
Nickel PTFE (ENT)	175°F	17147JND	V188.A	$72.46
Std Sprinkler Wrench		21475M/B	V207	$75.37
Wrench for Recessed		13655W/B	V207	$145.25

Freedom® Residential Glass Bulb Pendent

SIN:	VK430
K Factor:	4.3 (62)
Thread Size:	1/2 inch NPT
Base Part #:	09530

Finish	Temp	Part #	IPG	List Price
Standard Brass	155°F	09530AB	V176	$52.72
Standard Brass	175°F	09530AD	V176	$52.72
Chrome	155°F	09530FB	V176	$57.06
Chrome	175°F	09530FD	V176	$57.06
White-Polyester	155°F	09530MB/W	V176	$57.06
White-Polyester	175°F	09530MD/W	V176	$57.06
Nickel PTFE (ENT)[1]	155°F	09530JNB	V188.A	$72.46
Nickel PTFE (ENT)	175°F	09530JND	V188.A	$72.46
Std Sprinkler Wrench		21475M/B	V207	$75.37
Wrench for Recessed		13655W/B	V207	$145.25

Freedom® Residential Glass Bulb Pendent

SIN:	VK468
K Factor:	4.9 (71)
Thread Size:	1/2 inch NPT
Base Part #:	13637

Finish	Temp	Part #	IPG	List Price
Standard Brass	155°F	13637AB	V177	$52.72
Standard Brass	175°F	13637AD	V177	$52.72
Chrome	155°F	13637FB	V177	$57.06
Chrome	175°F	13637FD	V177	$57.06
White-Polyester	155°F	13637MB/W	V177	$57.06
White-Polyester	175°F	13637MD/W	V177	$57.06
Nickel PTFE (ENT)[1]	155°F	13637JNB	V188.A	$72.46
Nickel PTFE (ENT)	175°F	13637JND	V188.A	$72.46
Std Sprinkler Wrench		21475M/B	V207	$75.37
Wrench for Recessed		13577W/B	V207	$145.25

Freedom® Residential Glass Bulb Pendent

SIN:	VK466
K Factor:	5.2 (75)
Thread Size:	1/2 inch NPT
Base Part #:	13781

Finish	Temp	Part #	IPG	List Price
Standard Brass	155°F	13781AB	V176	$53.45
Standard Brass	175°F	13781AD	V176	$53.45
Chrome	155°F	13781FB	V176	$57.06
Chrome	175°F	13781FD	V176	$57.06
White-Polyester	155°F	13781MB/W	V176	$57.06
White-Polyester	175°F	13781MD/W	V176	$57.06
Nickel PTFE (ENT)[1]	155°F	13781JNB	V188.A	$72.46
Nickel PTFE (ENT)	175°F	13781JND	V188.A	$72.46
Std Sprinkler Wrench		21475M/B	V207	$75.37
Wrench for Rcsd w/Caps		13655W/B	V207	$145.25

Select Escutcheons - Recessed Pendent Sprinklers*

Recessed Escutcheon
Model E-1 (push-on)
(includes cup & adapter)
(OD = 3-1/16" / 78 mm)

Finish	Size	Part #	IPG	List Price
Polished Chrome	1/2"	06419AF	V200	$8.04
White	1/2"	06419AM/W	V200	$8.04

**Refer to Page H-1 for complete list of escutcheons*

Select Escutcheons - Recessed Pendent Sprinklers*

Threaded Escutcheon
Model E-2 (thread-on)
(includes cup & adapter)
(OD = 3-1/8" / 80 mm)

Finish	Size	Part #	IPG	List Price
Polished Chrome	1/2"	11038F	V200	$8.07
White	1/2"	11038M/W	V200	$8.07

**Refer to Page H-1 for complete list of escutcheons*

(1) Electroless Nickel PTFE (ENT) plating is UL Listed and FM Approved for corrosion resistance.

NOTE: Select Freedom® sprinklers are also available in "Lead Free" versions. Refer to technical datasheets for details.
(Lead content complies with definition of 'Lead Free' established in the Reduction of Lead in Drinking Water Act, S.3874)

***Freedom*®**
Residential
Glass Bulb
Pendent

SIN:	VK472
K Factor:	5.8 (84)
Thread Size:	1/2 inch NPT
Base Part #:	16130

Finish	Temp	Part #	IPG	List Price
Standard Brass	155°F	16130AB	V178	$58.51
Standard Brass	175°F	16130AD	V178	$58.51
Chrome	155°F	16130FB	V178	$61.50
Chrome	175°F	16130FD	V178	$61.50
White-Polyester	155°F	16130MB/W	V178	$61.50
White-Polyester	175°F	16130MD/W	V178	$61.50
Nickel PTFE (ENT)[1]	155°F	16130JNB	V188.A	$79.28
Nickel PTFE (ENT)	175°F	16130JND	V188.A	$79.28
Std Sprinkler Wrench		21475M/B	V207	$75.37
Wrench for Rcsd w/Caps		13655W/B	V207	$145.25

Select Escutcheons - Recessed Pendent Sprinklers*

Recessed Escutcheon
Model E-1 (push-on)
(includes cup & adapter)
(OD = 3-1/16" / 78 mm)

Finish	Size	Part #	IPG	List Price
Polished Chrome	1/2"	06419AF	V200	$8.04
White	1/2"	06419AM/W	V200	$8.04

Threaded Escutcheon
Model E-2 (thread-on)
(includes cup & adapter)
(OD = 3-1/8" / 80 mm)

Polished Chrome	1/2"	11038F	V200	$8.07
White	1/2"	11038M/W	V200	$8.07

**Refer to Page H-1 for complete list of available escutcheons*

***Freedom*®**
Residential
Glass Bulb
Pendent

SIN:	VK458
K Factor:	7.4 (107)
Thread Size:	3/4 inch NPT
Base Part #:	13230

Finish	Temp	Part #	IPG	List Price
Standard Brass	155°F	13230AB	V178	$70.01
Standard Brass	175°F	13230AD	V178	$70.01
Chrome	155°F	13230FB	V178	$73.79
Chrome	175°F	13230FD	V178	$73.79
White-Polyester	155°F	13230MB/W	V178	$73.79
White-Polyester	175°F	13230MD/W	V178	$73.79
Nickel PTFE (ENT)[1]	155°F	13230JNB	V188.A	$86.12
Nickel PTFE (ENT)	175°F	13230JND	V188.A	$86.12
Std Sprinkler Wrench		21475M/B	V207	$75.37
Wrench for Rcsd w/Caps		13577W/B	V207	$145.25

Select Escutcheons - Recessed Pendent Sprinklers*

Recessed Escutcheon
Model E-1 (push-on)
(includes cup & adapter)
(OD = 3-1/16" / 78 mm)

Finish	Size	Part #	IPG	List Price
Polished Chrome	3/4"	20369F	V200	$8.07
White	3/4"	20369M/W	V200	$8.07

Threaded Escutcheon
Model E-2 (thread-on)
(includes cup & adapter)
(OD = 3-1/8" / 80 mm)

Polished Chrome	3/4"	11625F	V200	$8.07
White	3/4"	11625M/W	V200	$8.07

**Refer to Page H-1 for complete list of available escutcheons*

(1) Electroless Nickel PTFE (ENT) plating is UL Listed and FM Approved for corrosion resistance.

NOTE: Select Freedom® sprinklers are also available in "Lead Free" versions. Refer to technical datasheets for details.
(Lead content complies with definition of 'Lead Free' established in the Reduction of Lead in Drinking Water Act, S.3874)

***Freedom*®**
Residential
Glass Bulb
Domed Concealed Pendent

SIN:	VK468-D
K Factor:	4.9 (71)
Thread Size:	1/2 inch NPT
Base Part #:	13637A-X

Finish	Temp	Part #	IPG	List Price
Standard Brass	155°F	13637ABX	V177	$52.72
Standard Brass	175°F	13637ADX	V177	$52.72
Nickel PTFE (ENT)[2]	155°F	13637JNBX	V188.A	$92.96
Nickel PTFE (ENT)	175°F	13637JNDX	V188.A	$92.96
Spk Wrench Domed Cncd		13577W/B	V207	$145.25

***Freedom*®**
Residential
Glass Bulb
Domed Concealed Pendent

SIN:	VK466-D
K Factor:	5.2 (75)
Thread Size:	1/2 inch NPT
Base Part #:	13781A-X

Finish	Temp	Part #	IPG	List Price
Standard Brass	155°F	13781ABX	V176	$53.45
Standard Brass	175°F	13781ADX	V176	$53.45
Spk Wrench Domed Cncd		13577W/B	V207	$145.25

***Freedom*®**
Residential
Glass Bulb
Domed Concealed Pendent

SIN:	VK458-D
K Factor:	7.4 (107)
Thread Size:	3/4 inch NPT
Base Part #:	13230ABX

Finish	Temp	Part #	IPG	List Price
Standard Brass	155°F	13230ABX	V178	$70.01
Spk Wrench Domed Cncd		13577W/B	V207	$145.25

Residential Domed Cover[1]
Freedom® Residential Domed Concealed Pendent Sprinklers

Finish	Temp	Part #	IPG	List Price
Polished Chrome	135°F	12207FA	V214	$70.75
White	135°F	12207MA/W	V214	$38.29
Ivory	135°F	12207MA/I	V214	$48.64
Black	135°F	12207MA/B	V214	$48.64
Bright Brass	135°F	12207BA	V214	$48.64
Brushed Brass	135°F	12207BA/B	V214	$48.64
Antique Brass	135°F	12207BA/A	V214	$48.64
Antique Copper	135°F	12207EA/B	V214	$48.64

(1) Cover plates sold separately. Covers are also available in custom colors at an additional charge (see page F-8).
(2) Electroless Nickel PTFE (ENT) plating is UL Listed for corrosion resistance.

NOTE: Select Freedom® sprinklers are also available in "Lead Free" versions. Refer to technical datasheets for details.
(Lead content complies with definition of 'Lead Free' established in the Reduction of Lead in Drinking Water Act, S.3874)

***Freedom*® *Microtech*®**
Residential
Glass Bulb
Horizontal Sidewall

SIN: VK479
K Factor: 3.0 (43)
Thread Size: 1/2 inch NPT
Base Part #: 19707

Finish	Temp	Part #	IPG	List Price
Standard Brass	155°F	19707AB	V179	$67.74
Chrome	155°F	19707FB	V179	$69.95
White-Polyester	155°F	19707MB/W	V179	$69.95
Nickel PTFE (ENT)[1]	155°F	19707JNB	V188.A	$88.86
Std Sprinkler Wrench		21475M/B	V207	$75.37
Wrench Rcsd HSW		13655W/B	V207	$145.25

***Freedom*® *Microtech*®**
Residential
Glass Bulb
Horizontal Sidewall

SIN: VK486
K Factor: 4.0 (58)
Thread Size: 1/2 inch NPT
Base Part #: 17315

Finish	Temp	Part #	IPG	List Price
Standard Brass	155°F	17315AB	V179	$67.30
Standard Brass	175°F	17315AD	V179	$67.30
Chrome	155°F	17315FB	V179	$69.95
Chrome	175°F	17315FD	V179	$69.95
White-Polyester	155°F	17315MB/W	V179	$69.95
White-Polyester	175°F	17315MD/W	V179	$69.95
Nickel PTFE (ENT)[1]	155°F	17315JNB	V188.A	$88.86
Nickel PTFE (ENT)	175°F	17315JND	V188.A	$88.86
Std Sprinkler Wrench		21475M/B	V207	$75.37
Wrench Rcsd HSW		13655W/B	V207	$145.25

***Freedom*® *Microtech*®**
Residential
Glass Bulb
Horizontal Sidewall

SIN: VK460
K Factor: 5.8 (84)
Thread Size: 1/2 inch NPT
Base Part #: 13933

Finish	Temp	Part #	IPG	List Price
Standard Brass	155°F	13933AB	V179	$73.86
Standard Brass	175°F	13933AD	V179	$73.86
Chrome	155°F	13933FB	V179	$74.90
Chrome	175°F	13933FD	V179	$74.90
White-Polyester	155°F	13933MB/W	V179	$74.90
White-Polyester	175°F	13933MD/W	V179	$74.90
Nickel PTFE (ENT)[1]	155°F	13933JNB	V188.A	$95.70
Nickel PTFE (ENT)	175°F	13933JND	V188.A	$95.70
Std Sprinkler Wrench		21475M/B	V207	$75.37
Wrench Rcsd HSW		13655W/B	V207	$145.25

***Freedom*®**
Residential
Glass Bulb
Horizontal Sidewall

SIN: VK484
K Factor: 4.2 (60)
Thread Size: 1/2 inch NPT
Base Part #: 16240

Finish	Temp	Part #	IPG	List Price
Standard Brass	155°F	16240AB	V180	$52.71
Standard Brass	175°F	16240AD	V180	$52.71
Chrome	155°F	16240FB	V180	$57.22
Chrome	175°F	16240FD	V180	$57.22
White-Polyester	155°F	16240MB/W	V180	$57.22
White-Polyester	175°F	16240MD/W	V180	$57.22
Nickel PTFE (ENT)[1]	155°F	16240JNB	V188.A	$82.03
Nickel PTFE (ENT)	175°F	16240JND	V188.A	$82.03
Std Sprinkler Wrench		21475M/B	V207	$75.37
Wrench Rcsd HSW		13655W/B	V207	$145.25

Select Escutcheons - Recessed Pendent Sprinklers*

Recessed Escutcheon
Model E-1 (push-on)
(includes cup & adapter)
(OD = 3-1/16" / 78 mm)

Finish	Size	Part #	IPG	List Price
Polished Chrome	1/2"	06419AF	V200	$8.04
White	1/2"	06419AM/W	V200	$8.04

**Refer to Page H-1 for complete list of available escutcheons*

Select Escutcheons - Recessed Pendent Sprinklers*

Threaded Escutcheon
Model E-2 (thread-on)
(includes cup & adapter)
(OD = 3-1/8" / 80 mm)

Finish	Size	Part #	IPG	List Price
Polished Chrome	1/2"	11038F	V200	$8.07
White	1/2"	11038M/W	V200	$8.07

**Refer to Page H-1 for complete list of available escutcheons*

1) Electroless Nickel PTFE (ENT) plating is UL Listed and FM Approved for corrosion resistance.

NOTE: Select Freedom® sprinklers are also available in "Lead Free" versions. Refer to technical datasheets for details.
(Lead content complies with definition of 'Lead Free' established in the Reduction of Lead in Drinking Water Act, S.3874)

Freedom ®
Residential
Fusible Link Flat Concealed
Horizontal Sidewall

SIN:	VK480 [1]
K Factor:	4.0 (58)
Thread Size:	1/2 inch NPT
Base Part #:	16116_

Finish	Temp	Part #	IPG	List Price
Standard Brass	165°F	16116AC	V181	$94.95
Nickel PTFE (ENT)[3]	165°F	16116JNC	V188.A	$157.20
Standard Brass	205°F	16116AE	V181	$94.95
Nickel PTFE (ENT)[3]	205°F	16116JNE	V188.A	$157.20
Heavy Duty Wrench RED		16208W/R	V207	$145.25
Limited Use Wrench* RED		16267	V207	$29.77

Freedom ®
Residential
Fusible Link Flat Concealed
Horizontal Sidewall

SIN:	VK490 [1]
K Factor:	5.8 (84)
Thread Size:	1/2 inch NPT
Base Part #:	20409A_

Finish	Temp	Part #	IPG	List Price
Standard Brass	165°F	20409AC	V181	$94.95
Nickel PTFE (ENT)[3]	165°F	20409JNC	V188.A	$157.20
Standard Brass	205°F	20409AE	V181	$94.95
Nickel PTFE (ENT)[3]	205°F	20409JNE	V188.A	$157.20
Heavy Duty Wrench RED		16208W/R	V207	$145.25
Limited Use Wrench* RED		16267	V207	$29.77

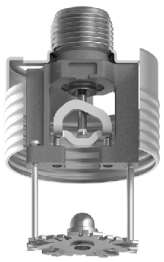
Model VK480 and VK490
Flat Cover Plate [2]

Diameter = 3-5/16 inches

Finish	Temp	Part #	IPG	List Price
Chrome	135°F	16207FA	V213	$70.23
White	135°F	16207MA/W	V213	$40.61
Ivory	135°F	16207MA/I	V213	$48.82
Black	135°F	16207MA/B	V213	$48.82
Cover Installation Tool		14867	V205	$13.11

(1) Special installation pipe guide and hardware (p/n 16234) is included standard with sprinkler at no additional charge.
(2) Cover plate is sold separately. Covers are also available in custom colors. Contact customer service for details.
(3) Electroless Nickel PTFE (ENT) plating is UL Listed and FM Approved for corrosion resistance.

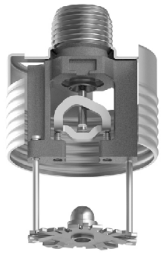
NOTE: Select Freedom® sprinklers are also available in "Lead Free" versions. Refer to technical datasheets for details.
(Lead content complies with definition of 'Lead Free' established in the Reduction of Lead in Drinking Water Act, S.3874)



Freedom®
Residential
Glass Bulb
Concealed Pendent

SIN:	VK494
K Factor:	4.9 (71)
Thread Size:	1/2 inch NPT
Base Part #:	20759

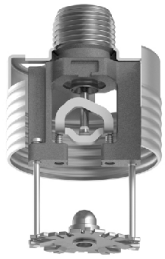
Finish	Temp	Part #	IPG	List Price
Standard Brass	155°F	20759AB	V182	$59.11
Standard Brass	200°F	20759AE	V182	$59.11
Nickel PTFE (ENT)[2]	155°F	20759JNB	V188.A	$92.96
Nickel PTFE (ENT)	200°F	20759JNE	V188.A	$92.96
Heavy Duty Wrench		14047W/B	V207	$145.25
Limited Use Wrench		14031	V205	$29.74



Freedom®
Residential
Glass Bulb
Flat Concealed Pendent

SIN:	VK498
K Factor:	5.8 (84)
Thread Size:	1/2 inch NPT
Base Part #:	22037

Finish	Temp	Part #	IPG	List Price
Standard Brass	155°F	22037AB	V183	$58.51
Standard Brass	200°F	22037AE	V183	$58.51
Nickel PTFE (ENT)[2]	155°F	22037JNB	V188.A	$77.92
Nickel PTFE (ENT)	200°F	22037JNE	V188.A	$77.92
Heavy Duty Wrench		14047W/B	V207	$145.25
Limited Use Wrench		14031	V205	$29.74



Freedom®
Residential
Glass Bulb
Concealed Pendent

SIN:	VK496
K Factor:	3.0 (43)
Thread Size:	1/2 inch NPT
Base Part #:	22773

Finish	Temp	Part #	IPG	List Price
Standard Brass	155°F	22773AB	V183	$61.04
Standard Brass	200°F	22773AE	V183	$61.04
Nickel PTFE (ENT)[2]	155°F	22773JNB	V188.A	$146.08
Nickel PTFE (ENT)	200°F	22773JNE	V188.A	$146.08
Heavy Duty Wrench		14047W/B	V207	$145.25
Limited Use Wrench		14031	V205	$29.74

Large Cover Plate[1]
Diameter = 3-5/16 inches

Finish	Temp	Part #	IPG	List Price
Polished Chrome	135°F	13642FA	V208	$34.90
White	135°F	13642MA/W	V208	$34.90
Ivory	135°F	13642MA/I	V209	$43.67
Black	135°F	13642MA/B	V209	$43.67
Bright Brass	135°F	13642BA	V209	$43.67
Brushed Brass	135°F	13642BA/B	V209	$43.67
Antique Brass	135°F	13642BA/A	V209	$43.67
Brushed Copper	135°F	13642EA/B	V209	$43.67
Brushed Chrome	135°F	13642FA/B	V209	$43.67

Standard Cover Plate[1]
Diameter = 2-3/4 inches

Finish	Temp	Part #	IPG	List Price
Polished Chrome	135°F	13504FA	V208	$34.90
White	135°F	13504MA/W	V208	$34.90
Ivory	135°F	13504MA/I	V209	$43.67
Black	135°F	13504MA/B	V209	$43.67
Bright Brass	135°F	13504BA	V209	$43.67
Brushed Brass	135°F	13504BA/B	V209	$43.67
Antique Brass	135°F	13504BA/A	V209	$43.67
Brushed Copper	135°F	13504EA/B	V209	$43.67
Brushed Chrome	135°F	13504FA/B	V209	$43.67

* Square cover plates also available (see page H-5)

(1) Cover plates sold separately. Covers are also available in custom colors at an additional charge (see page F-8).

(2) Electroless Nickel PTFE (ENT) coating is UL Listed for corrosion resistance.

(3) Limited use sprinkler wrenches are intended for the spare sprinkler cabinet and not for regular sprinkler installation.

NOTE: Select Freedom® sprinklers are also available in "Lead Free" versions. Refer to technical datasheets for details.
(Lead content complies with definition of 'Lead Free' established in the Reduction of Lead in Drinking Water Act, S.3874)

Freedom® Residential Glass Bulb Upright

SIN:	VK467
K Factor:	4.9 (71)
Thread Size:	1/2 inch NPT
Base Part #:	19154

Finish	Temp	Part #	IPG	List Price
Standard Brass	155°F	19154AB	V184	$71.02
Standard Brass	175°F	19154AD	V184	$71.02
Chrome	155°F	19154FB	V184	$73.20
Chrome	175°F	19154FD	V184	$73.20
White - Polyester	155°F	19154MB/W	V184	$73.20
White - Polyester	175°F	19154MD/W	V184	$73.20
Black - Polyester	155°F	19154MB/B	V184	$73.20
Black - Polyester	175°F	19154MD/B	V184	$73.20
Nickel PTFE (ENT)[1]	155°F	19154JNB	V188.A	$78.47
Nickel PTFE (ENT)	175°F	19154JND	V188.A	$78.47
Std Sprinkler Wrench		21475M/B	V207	$75.37

(1) Electroless Nickel PTFE (ENT) plating is UL Listed for installation in corrosive environments

Freedom® Residential Fusible Link Flush Pendent[2]

SIN:	VK476
K Factor:	4.9 (71)
Thread Size:	1/2 inch NPT
Base Part #:	15630

Finish	Temp	Part Number	IPG	List Price[1]
Painted White	165°F	15630MC/W	V185	$78.54
Painted Black	165°F	15630MC/B	V185	$78.54
Wood Beam	165°F	15630MC/G	V185	$78.54
Heavy Duty Wrench		15209W/R	V207	$145.25

(2) Includes ceiling ring

Replacement Ceiling Rings

VK476 - Residential Flush Sprinkler

VK476 sprinkler includes ceiling ring. Ceiling ring offered separately for service and maintenance requirements.

Finish	Part Number	IPG	List Price
Painted White	16580M/W	V185	$14.35
Painted Black	16580M/B	V185	$14.35
Wood Beam	16580M/G	V185	$14.35

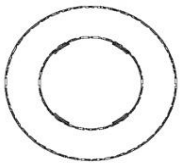
REPLACEMENT ONLY Residential Fusible Link Flush Pendent

SIN:	VK420
K Factor:	3.8 (55)
Thread Size:	1/2 inch NPT
Base Part #:	09458

Finish	Temp	Part #	IPG	List Price
Polished Chrome	165°F	09458FC	V185	$77.15
Painted White	165°F	09458MC/W	V185	$81.81
Heavy Duty Wrench		08336W/B	V207	$145.25
Light Duty Wrench		10366W/B	V207	$34.35

Ceiling Ring

Item Price Group = V17



Finish	Part #	IPG	List Price
Polished Chrome	09390F	V185	$8.10
Painted White	09390M/W	V185	$8.51

NOTE: Select Freedom® sprinklers are also available in "Lead Free" versions. Refer to technical datasheets for details.
(Lead content complies with definition of 'Lead Free' established in the Reduction of Lead in Drinking Water Act, S.3874)

Viking Custom Paint Process (UL Listed)
Cover Plates, Escutcheons, and Frame-Style Sprinklers

Description: Viking cover plates, escutcheons, and most frame-style sprinklers are UL listed to accept any type and manufacturer of paint within the constraints of Viking's quality control requirements. Acrylic latex and latex paints with sheen qualities other than flat may not be exact matches.

Terms and Conditions of Sale: Orders for special painted products are not subject to cancellation except by written permission and then only upon agreement to make payment for work already performed. Viking reserves the right to over ship special painted products produced in excess of order quantity at no charge. No return of these products is allowed. Changes to products may result in the loss of listings or approvals.

To Order: Contact your Viking SupplyNet Customer Service Representative.

Identification of Custom Paint Color: All custom color painted cover plates or escutcheons will have an identifying label affixed to the inside of the cover that indicates custom color and will have a representative sample (a paint dot) of the paint on the label.

Pricing Matrix

Set-up Cost *(all special painted products)*	**$250.00**	Set-up fee if customer sends paint to be applied to custom painted product.
	$375.00	Set-up fee for all special painted products using Sherwin-Williams (or similar commercial paint) color chart/fan.
	$415.00	Set-up fee for "Industrial Color Match" with Sherwin Williams paint.
List Price	**Frame-Style Sprinklers and Escutcheons**	Special painted frame-style sprinklers and/or escutcheons have the same list price as BLACK for the specific product requested. **Processing time 15 working days from customer order**.

List Price — **Special Painted Cover Plates**

Part Number	*Description*	*IPG*	*List Price*
13504SP-	Standard Flat Cover Plate	V215	$46.09
13642SP-	Large Flat Cover Plate	V215	$46.09
15394SP-	Square Flat Cover Plate	V215	$57.28
15765SP-	ELO Flat Cover Plate	V215	$46.09
12381SP-	Domed Cover Plate-Pendent	V215	$46.09
13501SP-	Sidewall Domed Cover Plate	V215	$46.09
09804SP-	Model B Standard Cover (old)	V215	$46.09
11697SP-	Model B Large Cover (old)	V215	$46.09
12207SP-	Domed Cover-Residential	V215	$46.09
16207SP-	Sidewall Flat Cover Plate	V215	$65.29
10786SP-	Model B Res Cover Plate (old)	V215	$46.09

Processing time	**Cover Plates**	Sherwin-Williams Part Number or Color Match - 10 working days from customer order
		Commercial paint number other than Sherwin-Williams - 15 working days from customer order
		Customer provided paint - 20 days from receipt of paint
Number of Covers	**Per Set-up Cost**	Sherwin-Williams paint number or color match - (800) cover plates
		Commercial paint number other than Sherwin-Williams - (750) cover plates
		Customer provided paint - 1 gallon container = 500 covers, 1 quart container = 125 covers.

**** NOTE - Net price for extra gallon of paint is $205.00***

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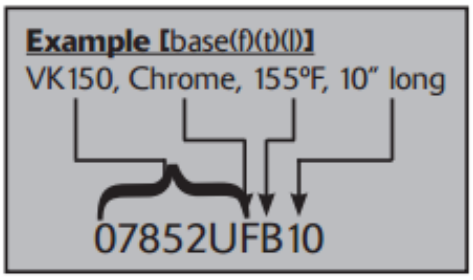
Dry Sprinkler Order Form....G-20-21

Notes

1. Viking's "Dry Sprinkler Order Form" may be found on page G-20-21 and on the Viking web site.
2. Dry sprinklers are special ordered items and are not returnable. Any change made after order placement is subject to charges. Please check the information carefully before ordering.
3. List price for standard adjustable and recessed adjustable styles includes the escutcheon.
4. Replacement escutcheons and sprinkler guards are available on pages H-1 and H-5.
5. Refer to Viking technical data pages for complete product specifications, including maximum order lengths. You may print or download technical data by visiting www.vikinggroupinc.com.
6. List prices effective January 12, 2019. Supersedes June 2018 list price book.
7. All sales by Viking are subject to the Terms & Conditions found on the last page of this book.

Dry Sprinkler Ordering Instructions

To order dry sprinklers, start with the base part number for the desired product and then add the appropriate "finish", "temperature", and "length" suffixes. Please refer to the sprinkler's technical data page for details on how to calculate the length dimension for each style of dry sprinkler (A or B dimension).



Finish Suffixes (f)	
Standard Brass	A
Polished Chrome	F
White Polyester	M_/W
Nickel PTFE (ENT)	JN
White w/ Chrome Escutcheon	MF_/W

Temperature Suffixes (t)	
155°F (68°C)	B
165°F (79°C)	C
175°F (79°C)	D
200°F (93°C)	E
205°F (93°C)	E
286°F (93°C)	G

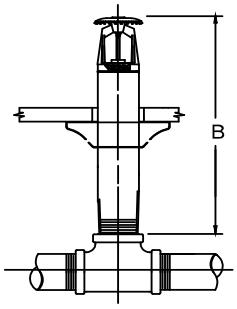
Quick / Standard Response
5.6 (81) K Factor *(1/2" orifice)*
Standard Coverage
Upright / 1" NPT
Glass Bulb

To order, add finish, temperature and length suffix to base part number (length = B dimension, inches)

Ex: VK184, Brass, 155 °F, 14 ½" long
Part Number: 08417UAB145

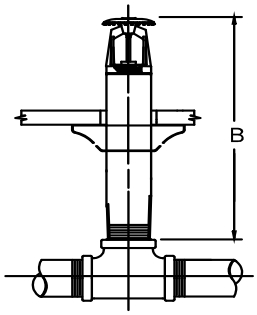
VK160 (Std Response)	***VK184 (Quick Response)***
Plain Barrel	***Plain Barrel***
Base P/N: 08050	**Base P/N: 08417U**
order in ½" increments	***order in ½" increments***

Item Price Group: V187

VK160 - SR Upright	**Length (L) - B Dimension**	***LIST PRICES and Available Finishes*** **Standard Brass (A_)**	**White (M_/W)**
base p/n - 08050(f)(t)(l)	4½ - 7½" (114 - 191mm)	$230.44	$236.26
	8 - 10½" (203 - 267mm)	$243.26	P.O.A
	11 - 13½" (279 - 343mm)	$249.66	$255.21
	14 - 16½" (356 - 419mm)	$275.26	P.O.A
	17 - 19½" (432 - 495mm)	$294.50	$300.34
	20 - 22½" (508 - 572mm)	$307.28	P.O.A
	23 - 25½" (584 - 648mm)	$339.30	P.O.A
	26 - 28½" (660 - 724mm)	$358.50	P.O.A
	29 - 31½" (737 - 800mm)	$374.52	$380.37
	32 - 34½" (813 - 876mm)	$387.27	P.O.A
	35 - 37½" (889 - 953mm)	$406.46	P.O.A

**contact customer service for lengths over standard*

Item Price Group: V187

VK184 - QR Upright	**Length (L) - B Dimension**	***LIST PRICES and Available Finishes*** **Standard Brass (A_)**	**White (M_/W)**
base p/n - 08417U(f)(t)(l)	4½ - 7½" (114 - 191mm)	$259.25	$250.32
	8 - 10½" (203 - 267mm)	$265.64	$271.49
	11 - 13½" (279 - 343mm)	$275.26	$281.11
	14 - 16½" (356 - 419mm)	$300.91	$306.68
	17 - 19½" (432 - 495mm)	$316.87	$322.73
	20 - 22½" (508 - 572mm)	$336.05	$341.80
	23 - 25½" (584 - 648mm)	$364.92	$370.66
	26 - 28½" (660 - 724mm)	$380.92	P.O.A
	29 - 31½" (737 - 800mm)	$400.13	P.O.A
	32 - 34½" (813 - 876mm)	$416.11	$421.85
	35 - 37½" (889 - 953mm)	$432.13	$437.88

**contact customer service for lengths over standard*

Additional Ordering Information
VK160 / VK184

Available Temp. Ratings / Suffix
155°F (68°C) = B
175°F (79°C) = D
200°F (93°C) = E
286°F (93°C) = G

Standard Wrench VK160 and VK184
07297W/B $113.16

Sprinkler Guard for upright/pendent
08954 $30.26

Dry Sprinkler Boot
22087M/W $47.35

NOTE: Dry sprinklers are special ordered items and are not returnable. Changes made after order placement are subject to additional charges. Please check the information carefully before ordering.

Standard Response

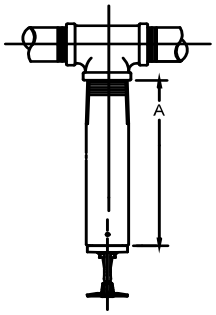
5.6 (81) K Factor *(1/2" orifice)*
Standard Coverage
Pendent / 1" NPT
Glass Bulb

To order, add finish, temperature and length suffix to base part number (length = A dimension, inches)

Ex: VK154, White, 175 °F, 9 ½" length
Part Number: 07740UMD/W095

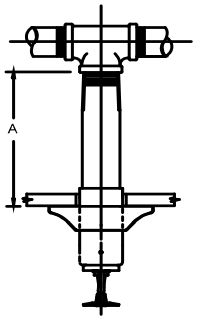
VK150	***VK154***	***VK158***
Plain Barrel	***Standard Adjustable***	***Recessed Adjustable***
Base P/N: 07852U	**Base P/N: 07740U**	**Base P/N: 06530U**
order in ½" increments	***order in ½" increments***	***order in ¼" increments***

Item Price Group: V187 (ENT Finish: IPG V188)

VK150 - Plain Barrel	Length (L) - A Dimension	LIST PRICES and Available Finishes: Standard Brass (A_)	Polished Chrome (F_)	ENT (JN) IPG V188
base p/n - 07852U(f)(t)(l)	3 - 6" (76 - 152mm)	$211.29	$214.42	$297.35
	6½ - 9" (165 - 229mm)	$217.64	$220.85	P.O.A
	9½ - 12" (241 - 305mm)	$227.25	$230.44	$313.38
	12½ - 15" (318 - 381mm)	$246.50	$249.65	P.O.A
	15½ - 18" (394 - 457mm)	$262.49	$265.64	$348.59
	18½ - 21" (470 - 533mm)	$281.68	$284.89	P.O.A
	21½ - 24" (546 - 610mm)	$304.09	$307.28	$390.21
	24½ - 27" (622 - 686mm)	$326.49	$329.67	P.O.A
	27½ - 30" (699 - 762mm)	$339.30	$342.47	P.O.A
	30½ - 33" (775 - 838mm)	$358.50	$361.73	P.O.A
	33½ - 36" (851 - 914mm)	$374.52	$377.71	P.O.A

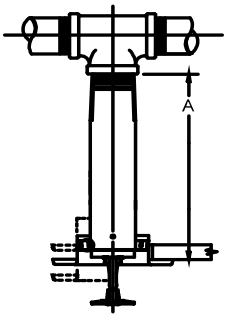
**contact customer service for lengths over standard*

Item Price Group: V187 (ENT Finish: IPG V188)

VK154 - Standard Adj.	Length (L) - A Dimension	LIST PRICES and Available Finishes: Polished Chrome (F_)	White (M_/W)	ENT (JN) IPG V188
base p/n - 07740U(f)(t)(l)	1½ - 6" (38 - 152mm)	$227.25	$227.25	$310.18
	6½ - 9" (165 - 229mm)	$233.71	$233.71	$316.65
	9½ - 12" (241 - 305mm)	$246.50	$246.50	$329.43
	12½ - 15" (318 - 381mm)	$265.64	$265.64	$348.59
	15½ - 18" (394 - 457mm)	$275.26	$275.26	$358.20
	18½ - 21" (470 - 533mm)	$300.91	$300.91	$383.83
	21½ - 24" (546 - 610mm)	$316.87	$316.87	$399.80
	24½ - 27" (622 - 686mm)	$339.30	$339.30	$422.24
	27½ - 30" (699 - 762mm)	$358.50	$358.50	$483.06
	30½ - 33" (775 - 838mm)	$371.30	$371.30	$454.23
	33½ - 36" (851 - 914mm)	$387.27	$387.27	$470.22

**contact customer service for lengths over standard*

Item Price Group: V187 (ENT Finish: IPG V188)

VK158 - Recessed Adj.	Length (L) - A Dimension	LIST PRICES and Available Finishes: Polished Chrome (F_)	White (M_/W)	ENT (JN) IPG V188
base p/n - 06530U(f)(t)(l)	3¼ - 6" (83 - 152mm)	$227.25	$233.71	$316.65
	6¼ - 9" (159 - 229mm)	$236.90	$243.26	$326.18
	9¼ - 12" (235 - 305mm)	$249.65	$256.09	$339.02
	12¼ - 15" (311 - 381mm)	$268.91	$275.26	$358.20
	15¼ - 18" (387 - 457mm)	$284.89	$291.27	$374.20
	18¼ - 21" (464 - 533mm)	$300.91	$307.28	$390.21
	21¼ - 24" (540 - 610mm)	$326.49	$332.90	$415.83
	24¼ - 27" (616 - 686mm)	$342.47	$348.91	$431.86
	27¼ - 30" (692 - 762mm)	$364.92	$371.30	$454.22
	30¼ - 33" (768 - 838mm)	$374.52	$380.92	$463.85
	33¼ - 36" (845 - 914mm)	$400.13	$406.46	$489.40

Additional Ordering Information VK150/154/158

Available Temp. Ratings / Suffix

155°F (68°C) = B
175°F (79°C) = D
200°F (93°C) = E
286°F (93°C) = G *
** N/A with VK158*

VK154 also available in white finish with chrome escutcheon at same price as white finish. Use suffix MF_/W

Standard Wrench VK150 and VK154
07297W/B $113.16

Recessed wrench for VK158 model
07565W/B $145.25

Sprinkler Guard for upright/pendent
08954 $30.26

Dry Spk Replacement Escutcheons

Std. Adj. - Chrome
07741F $7.52
Std. Adj. - White
07741M/W $7.52
Rec. Adj. - Chrome
05459AF $5.46
Rec. Adj. - White
05459AM/W $5.46

Dry Sprinkler Boot
22087M/W $47.35

Standard Response
5.6 (81) K Factor *(1/2" orifice)*
Standard Coverage
Horizontal Sidewall / 1" NPT
Glass Bulb

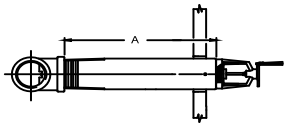
To order, add finish, temperature and length suffix to base part number (length = A dimension, inches)

Ex: VK156, White, 175 °F, 9 ½" length
Part Number: 07857UMD/W095

VK152	***VK156***	***VK162***
Plain Barrel	***Standard Adjustable***	***Recessed Adjustable***
Base P/N: 07858U	**Base P/N: 07857U**	**Base P/N: 07856U**
order in ½" increments	***order in ½" increments***	***order in ¼" increments***

Item Price Group: V187 (ENT Finish: IPG V188)

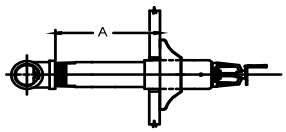
VK152 - Plain Barrel	Length (L) - A Dimension	LIST PRICES and Available Finishes: Standard Brass (A_)	Polished Chrome (F_)	ENT (JN) IPG V188
base p/n - 07858U(f)(t)(l)	3 - 6" (76 - 152mm)	$227.25	$230.44	P.O.A
	6½ - 9" (165 - 229mm)	$230.44	$233.71	$316.64
	9½ - 12" (241 - 305mm)	$243.26	$246.50	$329.43
	12½ - 15" (318 - 381mm)	$265.64	$268.91	$351.85
	15½ - 18" (394 - 457mm)	$281.68	$284.89	P.O.A
	18½ - 21" (470 - 533mm)	$297.71	$300.91	P.O.A
	21½ - 24" (546 - 610mm)	$332.90	$336.05	P.O.A
	24½ - 27" (622 - 686mm)	$348.91	$352.11	P.O.A
	27½ - 30" (699 - 762mm)	$368.08	$371.30	P.O.A
	30½ - 33" (775 - 838mm)	$374.52	$377.71	P.O.A
	33½ - 36" (851 - 914mm)	$387.27	$390.50	P.O.A



**contact customer service for lengths over standard*

Item Price Group: V187 (ENT Finish: IPG V188)

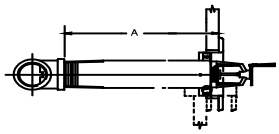
VK156 - Standard Adj.	Length (L) - A Dimension	LIST PRICES and Available Finishes: Polished Chrome (F_)	White (M_/W)	ENT (JN) IPG V188
base p/n - 07857U(f)(t)(l)	1½ - 6" (38 - 152mm)	$233.71	$233.71	$316.65
	6½ - 9" (165 - 229mm)	$246.50	$246.50	$329.43
	9½ - 12" (241 - 305mm)	$256.09	$256.09	$339.02
	12½ - 15" (318 - 381mm)	$284.89	$284.89	$367.82
	15½ - 18" (394 - 457mm)	$297.71	$297.71	$380.63
	18½ - 21" (470 - 533mm)	$313.70	$313.70	$396.64
	21½ - 24" (546 - 610mm)	$348.91	$348.91	$431.86
	24½ - 27" (622 - 686mm)	$364.92	$364.93	$447.86
	27½ - 30" (699 - 762mm)	$380.92	$380.92	P.O.A
	30½ - 33" (775 - 838mm)	$387.27	$387.28	P.O.A
	33½ - 36" (851 - 914mm)	$406.46	$406.46	P.O.A



**contact customer service for lengths over standard*

Item Price Group: V187 (ENT Finish: IPG V188)

VK162 - Recessed Adj.	Length (L) - A Dimension	LIST PRICES and Available Finishes: Polished Chrome (F_)	White (M_/W)	ENT (JN) IPG V188
base p/n - 07856U(f)(t)(l)	3¼ - 6" (83 - 152mm)	$243.26	$249.65	$332.58
	6¼ - 9" (159 - 229mm)	$252.86	$259.25	$342.19
	9¼ - 12" (235 - 305mm)	$259.25	$265.64	$348.60
	12¼ - 15" (311 - 381mm)	$288.09	$294.50	$377.44
	15¼ - 18" (387 - 457mm)	$300.91	$307.28	$390.22
	18¼ - 21" (464 - 533mm)	$320.09	$326.49	P.O.A
	21¼ - 24" (540 - 610mm)	$355.27	$361.73	P.O.A
	24¼ - 27" (616 - 686mm)	$371.30	$377.71	P.O.A
	27¼ - 30" (692 - 762mm)	$384.07	$390.50	P.O.A
	30¼ - 33" (768 - 838mm)	$406.46	$412.93	P.O.A
	33¼ - 36" (845 - 914mm)	$419.32	$425.72	P.O.A



Additional Ordering Information VK152/156/162

Available Temp. Ratings / Suffix
155°F (68°C) = B
175°F (79°C) = D
200°F (93°C) = E
286°F (93°C) = G *
** N/A with VK162*

VK156 also available in white finish with chrome escutcheon at same price as white finish. Use suffix MF_/W

Standard Wrench VK152 and VK156
07297W/B $113.16

Recessed Wrench for VK162 Model
07565W/B $145.25

Dry Spk Replacement Escutcheons
Std. Adj. - Chrome
08086F $7.52
Std. Adj. - White
08086M/W $7.52
Rec. Adj. - Chrome
05459AF $5.46
Rec. Adj. - White
05459AM/W $5.46

Dry Sprinkler Boot
22087M/W $47.35

Electroless Nickel PTFE (ENT) finish is for corrosion resistance.

Standard Response

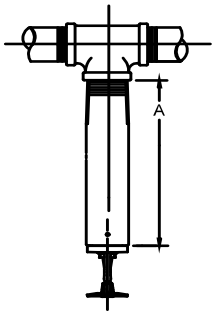
8.0 (115) K Factor *(17/32" orifice)*
Standard Coverage
Pendent / 1" NPT
Glass Bulb

To order, add finish, temperature and length suffix to base part number (length = A dimension, inches)

Ex: VK164, white, 200 °F, 12" length
Part Number: 12811UME/W12

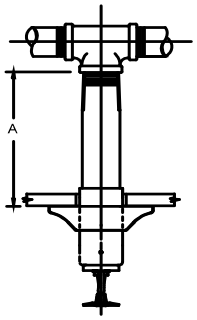
VK166	***VK163***	***VK164***
Plain Barrel	***Standard Adjustable***	***Recessed Adjustable***
Base P/N: 12741U	**Base P/N: 12810U**	**Base P/N: 12811U**
order in ½" increments	***order in ½" increments***	***order in ¼" increments***

Item Price Group: V187 (ENT Finish: IPG V188)

VK166 - Plain Barrel	**Length (L) - A Dimension**	***LIST PRICES and Available Finishes*** Standard Brass (A_)	Polished Chrome (F_)	ENT (JN) *IPG V188*
base p/n - 12741U(f)(t)(l)	3 - 6" (76 - 152mm)	$236.90	$239.14	P.O.A
	6½ - 9" (165 - 229mm)	$229.03	$251.86	P.O.A
	9½ - 12" (241 - 305mm)	$256.09	$258.32	$341.26
	12½ - 15" (318 - 381mm)	$281.67	$283.93	P.O.A
	15½ - 18" (394 - 457mm)	$300.90	$303.13	$386.07
	18½ - 21" (470 - 533mm)	$313.70	$315.93	P.O.A
	21½ - 24" (546 - 610mm)	$345.66	$347.90	P.O.A
	24½ - 27" (622 - 686mm)	$364.93	$367.16	$450.09
	27½ - 30" (699 - 762mm)	$380.92	$383.18	P.O.A
	30½ - 33" (775 - 838mm)	$393.65	$395.93	P.O.A
	33½ - 36" (851 - 914mm)	$412.93	P.O.A	P.O.A

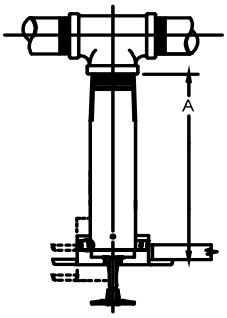
**contact customer service for lengths over standard*

Item Price Group: V187 (ENT Finish: IPG V188)

VK163 - Standard Adj.	**Length (L) - A Dimension**	***LIST PRICES and Available Finishes*** Polished Chrome (F_)	White (M_/W)	ENT (JN) *IPG V188*
base p/n - 12810U(f)(t)(l)	1½ - 6" (38 - 152mm)	$249.66	$249.66	P.O.A
	6½ - 9" (165 - 229mm)	$256.09	$256.09	P.O.A
	9½ - 12" (241 - 305mm)	$262.49	$262.49	$345.43
	12½ - 15" (318 - 381mm)	$284.89	$284.89	$374.21
	15½ - 18" (394 - 457mm)	$294.50	$294.50	$377.44
	18½ - 21" (470 - 533mm)	$316.87	$316.87	$403.02
	21½ - 24" (546 - 610mm)	$336.05	$336.05	$428.59
	24½ - 27" (622 - 686mm)	$358.50	$358.50	$454.24
	27½ - 30" (699 - 762mm)	$374.52	$374.52	$460.64
	30½ - 33" (775 - 838mm)	$384.07	$384.07	P.O.A
	33½ - 36" (851 - 914mm)	$406.46	$406.46	$505.45

**contact customer service for lengths over standard*

Item Price Group: V187 (ENT Finish: IPG V188)

VK164 - Recessed Adj.	**Length (L) - A Dimension**	***LIST PRICES and Available Finishes*** Polished Chrome (F_)	White (M_/W)	ENT (JN) *IPG V188*
base p/n - 12811U(f)(t)(l)	3¼ - 6" (83 - 152mm)	$249.66	$256.09	P.O.A
	6¼ - 9" (159 - 229mm)	$256.09	$262.49	P.O.A
	9¼ - 12" (235 - 305mm)	$262.49	$268.91	$351.84
	12¼ - 15" (311 - 381mm)	$284.89	$291.27	P.O.A
	15¼ - 18" (387 - 457mm)	$300.90	$307.28	$390.22
	18¼ - 21" (464 - 533mm)	$320.09	$326.49	P.O.A
	21¼ - 24" (540 - 610mm)	$339.30	$345.66	$428.61
	24¼ - 27" (616 - 686mm)	$364.93	$371.30	P.O.A
	27¼ - 30" (692 - 762mm)	$377.71	$377.71	P.O.A
	30¼ - 33" (768 - 838mm)	$390.50	$396.90	P.O.A
	33¼ - 36" (845 - 914mm)	$416.11	$422.52	$505.45

Additional Ordering Information VK166/163/164

Available Temp. Ratings / Suffix

155°F (68°C) = B
175°F (79°C) = D
200°F (93°C) = E
286°F (93°C) = G *
** N/A with VK164*

VK163 also available in white finish with chrome escutcheon at same price as white finish. Use suffix MF_/W

Standard Wrench VK166 and VK163
07297W/B $113.16

Recessed Wrench for VK164 Model
07565W/B $145.25

Sprinkler Guard for Upright/Pendent
08954 $30.26

Dry Spk Replacement Escutcheons

Std. Adj. - Chrome
07741F $7.52
Std. Adj. - White
07741M/W $7.52
Rec. Adj. - Chrome
05459AF $5.46
Rec. Adj. - White
05459AM/W $5.46

Dry Sprinkler Boot
22087M/W $47.35

Standard Response

8.0 (115) K Factor *(17/32" orifice)*
Standard Coverage
Horizontal Sidewall / 1" NPT
Glass Bulb

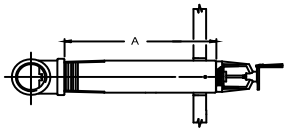
To order, add finish, temperature and length suffix to base part number (length = A dimension, inches)

Ex: VK2543, chrome, 175 °F, 17¼" long
Part Number: 21481UFD1725

VK2503	***VK2523***	***VK2543***
Plain Barrel	***Standard Adjustable***	***Recessed Adjustable***
Base P/N: 21493U	**Base P/N: 21487U**	**Base P/N: 21481U**
NEW! Now cULus Listed with 12" deflector distance down from ceiling		
order in ½" increments	***order in ½" increments***	***order in ¼" increments***

Item Price Group: V187 (ENT Finish: IPG V188)

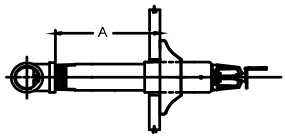
VK2503 - Plain Barrel	**Length (L) - A Dimension**	***LIST PRICES and Available Finishes*** Standard Brass (A_)	Polished Chrome (F_)	ENT (JN) *IPG V188*
base p/n - 21493U(f)(t)(l)	3 - 6" (76 - 152mm)	$284.29	P.O.A	P.O.A
	6½ - 9" (165 - 229mm)	$299.59	$302.26	P.O.A
	9½ - 12" (241 - 305mm)	$307.27	$309.98	P.O.A
	12½ - 15" (318 - 381mm)	P.O.A	P.O.A	P.O.A
	15½ - 18" (394 - 457mm)	$361.09	$361.10	P.O.A
	18½ - 21" (470 - 533mm)	P.O.A	P.O.A	P.O.A
	21½ - 24" (546 - 610mm)	$414.83	$417.47	P.O.A
	24½ - 27" (622 - 686mm)	P.O.A	P.O.A	P.O.A
	27½ - 30" (699 - 762mm)	P.O.A	P.O.A	P.O.A
	30½ - 33" (775 - 838mm)	P.O.A	P.O.A	P.O.A
	33½ - 36" (851 - 914mm)	P.O.A	P.O.A	P.O.A



**contact customer service for lengths over standard*

Item Price Group: V187 (ENT Finish: IPG V188)

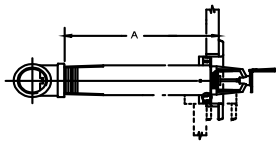
VK2523 - Standard Adj.	**Length (L) - A Dimension**	***LIST PRICES and Available Finishes*** Polished Chrome (F_)	White (M_/W)	ENT (JN) *IPG V188*
base p/n - 21487U(f)(t)(l)	1½ - 6" (38 - 152mm)	$299.59	P.O.A	P.O.A
	6½ - 9" (165 - 229mm)	$307.27	P.O.A	P.O.A
	9½ - 12" (241 - 305mm)	$315.01	$315.01	P.O.A
	12½ - 15" (318 - 381mm)	P.O.A	$341.88	P.O.A
	15½ - 18" (394 - 457mm)	$353.41	$353.41	P.O.A
	18½ - 21" (470 - 533mm)	$380.25	$380.25	P.O.A
	21½ - 24" (546 - 610mm)	$403.28	$403.29	$486.20
	24½ - 27" (622 - 686mm)	P.O.A	P.O.A	P.O.A
	27½ - 30" (699 - 762mm)	P.O.A	P.O.A	$532.34
	30½ - 33" (775 - 838mm)	P.O.A	P.O.A	P.O.A
	33½ - 36" (851 - 914mm)	P.O.A	P.O.A	P.O.A



**contact customer service for lengths over standard*

Item Price Group: V187 (ENT Finish: IPG V188)

VK2543 - Recessed Adj.	**Length (L) - A Dimension**	***LIST PRICES and Available Finishes*** Polished Chrome (F_)	White (M_/W)	ENT (JN) *IPG V188*
base p/n - 21481U(f)(t)(l)	3¼ - 6" (83 - 152mm)	P.O.A	P.O.A	P.O.A
	6¼ - 9" (159 - 229mm)	P.O.A	P.O.A	P.O.A
	9¼ - 12" (235 - 305mm)	$315.01	P.O.A	P.O.A
	12¼ - 15" (311 - 381mm)	P.O.A	P.O.A	P.O.A
	15¼ - 18" (387 - 457mm)	P.O.A	P.O.A	P.O.A
	18¼ - 21" (464 - 533mm)	P.O.A	P.O.A	P.O.A
	21¼ - 24" (540 - 610mm)	P.O.A	P.O.A	P.O.A
	24¼ - 27" (616 - 686mm)	P.O.A	P.O.A	P.O.A
	27¼ - 30" (692 - 762mm)	P.O.A	P.O.A	P.O.A
	30¼ - 33" (768 - 838mm)	P.O.A	P.O.A	P.O.A
	33¼ - 36" (845 - 914mm)	P.O.A	P.O.A	P.O.A



Additional Ordering Information VK2503/2523/2543

Available Temp. Ratings / Suffix

155°F (68°C) = B
175°F (79°C) = D
200°F (93°C) = E
286°F (93°C) = G *
** N/A with VK254*

VK2523 also available in white finish with chrome escutcheon at same price as white finish. Use suffix MF_/W

Standard Wrench VK2503 and VK2523
07297W/B $113.16

Recessed Wrench for VK2543 Model
07565W/B $145.25

Dry Spk Replacement Escutcheons
Std. Adj. - Chrome
08086F $7.52
Std. Adj. - White
08086M/W $7.52
Rec. Adj. - Chrome
05459AF $5.46
Rec. Adj. - White
05459AM/W $5.46

Dry Sprinkler Boot
22087M/W $47.35

Electroless Nickel PTFE (ENT) coating is for corrosion resistance.

Standard Response
5.6 (81) K Factor *(1/2" orifice)*
Standard Coverage
Vertical Sidewall* / 1" NPT
Glass Bulb

NOTE - Sprinklers are NOT Listed or Approved

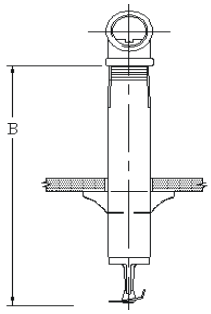
To order, add finish, temperature and length suffix to base part number (length = A dimension, inches)

Ex: VK161, white, 155 °F, 5 ¾" length
Part Number: 09124UMB/W0575

VK153	***VK157***	***VK161***
Plain Barrel	***Standard Adjustable***	***Recessed Adjustable***
Base P/N: 09125U	**Base P/N: 09123U**	**Base P/N: 09124U**
order in ½" increments	***order in ½" increments***	***order in ¼" increments***

Item Price Group: V187

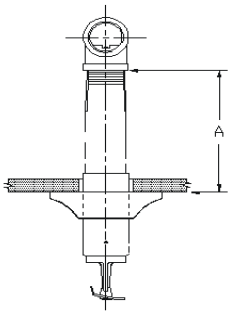
VK153 - Plain Barrel	**Length (L) - A Dimension**	***LIST PRICES and Available Finishes*** **Standard Brass (A_)**	**Polished Chrome (F_)**
base p/n - 09125U(f)(t)(l)	4½ - 7½" (114 - 191mm)	$259.43	$262.90
	8 - 10½" (203 - 267mm)	$262.90	$266.42
	11 - 13½" (279 - 343mm)	$273.46	$276.96
	14 - 16½" (356 - 419mm)	$301.50	$305.01
	17 - 19½" (432 - 495mm)	$315.52	$319.00
	20 - 22½" (508 - 572mm)	$333.08	$336.55
	23 - 25½" (584 - 648mm)	$371.55	$375.13
	26 - 28½" (660 - 724mm)	$392.64	$396.13
	29 - 31½" (737 - 800mm)	$410.16	$413.69
	32 - 34½" (813 - 876mm)	$417.23	$420.66
	35 - 37½" (889 - 953mm)	$431.19	$434.75



**contact customer service for lengths over standard*

Item Price Group: V187

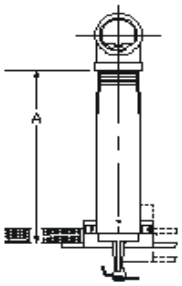
VK157 - Standard Adj.	**Length (L) - A Dimension**	***LIST PRICES and Available Finishes*** **Polished Chrome (F_)**	**White (M_/W)**
base p/n - 09123U(f)(t)(l)	3 - 6" (76 - 152mm)	$266.41	$266.42
	6½ - 9" (165 - 229mm)	$280.50	P.O.A
	9½ - 12" (241 - 305mm)	$287.49	$287.47
	12½ - 15" (318 - 381mm)	$319.00	$318.99
	15½ - 18" (394 - 457mm)	$333.08	$333.08
	18½ - 21" (470 - 533mm)	$350.58	$356.44
	21½ - 24" (546 - 610mm)	$392.64	$392.64
	24½ - 27" (622 - 686mm)	$413.17	$413.17
	27½ - 30" (699 - 762mm)	$424.20	$424.19
	30½ - 33" (775 - 838mm)	$431.19	$431.20
	33½ - 36" (851 - 914mm)	$455.76	$455.76



**contact customer service for lengths over standard*

Item Price Group: V187

VK161 - Recessed Adj.	**Length (L) - A Dimension**	***LIST PRICES and Available Finishes*** **Polished Chrome (F_)**	**White (M_/W)**
base p/n - 09124U(f)(t)(l)	3¼ - 6" (83 - 152mm)	$273.46	$280.50
	6¼ - 9" (159 - 229mm)	$283.96	$290.98
	9¼ - 12" (235 - 305mm)	$290.98	$298.01
	12¼ - 15" (311 - 381mm)	$322.56	$329.56
	15¼ - 18" (387 - 457mm)	$336.55	$343.36
	18¼ - 21" (464 - 533mm)	$361.09	$368.07
	21¼ - 24" (540 - 610mm)	$396.15	$403.15
	24¼ - 27" (616 - 686mm)	$413.69	$420.42
	27¼ - 30" (692 - 762mm)	$427.48	$434.46
	30¼ - 33" (768 - 838mm)	$452.27	$458.98
	33¼ - 36" (845 - 914mm)	$469.75	$476.51



Additional Ordering Information VK153/157/161

Available Temp. Ratings / Suffix
155°F (68°C) = B
175°F (79°C) = D
200°F (93°C) = E
286°F (93°C) = G *
** N/A with VK161*

Standard Wrench VK153 and VK157
07297W/B $113.16

Recessed Wrench for VK161 Model
07565W/B $145.25

Dry Spk Replacement Escutcheons
Std. Adj. - Chrome
07741F $7.52
Rec. Adj. - Chrome
05459AF $5.46
Rec. Adj. - White
05459AM/W $5.46

Dry Sprinkler Boot
22087M/W $47.35

IMPORTANT NOTE:
Viking's Dry Vertical Sidewall Sprinklers are NOT Listed or Approved.

Standard Response

5.6 (81) K Factor *(1/2" orifice)*

STAINLESS STEEL

Standard Coverage

Pendent / 1" NPT

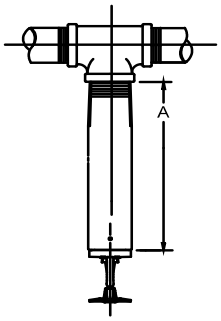
Glass Bulb

To order, add finish, temperature and length suffix to base part number (length = A dimension, inches)

Ex: VK169, stainless, 155 °F, 10 " long
Part Number: 10360UB10

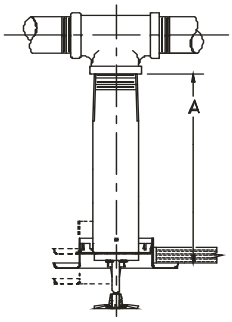
VK168 (Stainless Steel)	***VK169 (Stainless Steel)***
Plain Barrel	***Recessed Adjustable***
Base P/N: 09798U	**Base P/N: 10360U**
order in ½" increments	***order in ¼" increments***

Item Price Group: V187

VK168 - Plain Barrel	**Length (L) - A Dimension**	***LIST PRICES*** **Stainless Steel**
base p/n - 09798U(t)(l)	3 - 6" (76 - 152mm)	$629.68
	6½ - 9" (165 - 229mm)	$636.10
	9½ - 12" (241 - 305mm)	$642.46
	12½ - 15" (318 - 381mm)	$667.98
	15½ - 18" (394 - 457mm)	$680.79
	18½ - 21" (470 - 533mm)	$696.73
	21½ - 24" (546 - 610mm)	$722.30
	24½ - 27" (622 - 686mm)	$741.45
	27½ - 30" (699 - 762mm)	$757.43
	30½ - 33" (775 - 838mm)	$776.57
	33½ - 36" (851 - 914mm)	$789.36

**contact customer service for lengths over standard*

Item Price Group: V187

VK169 - Recessed Adj.	**Length (L) - A Dimension**	***LIST PRICES*** **Stainless Steel**
base p/n - 10360U(t)(l)	3¼ - 6" (83 - 152mm)	$677.59
	6¼ - 9" (159 - 229mm)	$683.97
	9¼ - 12" (235 - 305mm)	$690.41
	12¼ - 15" (311 - 381mm)	$715.87
	15¼ - 18" (387 - 457mm)	$728.66
	18¼ - 21" (464 - 533mm)	$744.63
	21¼ - 24" (540 - 610mm)	$770.17
	24¼ - 27" (616 - 686mm)	$789.36
	27¼ - 30" (692 - 762mm)	$805.36
	30¼ - 33" (768 - 838mm)	$824.47
	33¼ - 36" (845 - 914mm)	$840.45

**contact customer service for lengths over standard*

Additional Ordering Information
VK168 / VK169

Available Temp. Ratings / Suffix

155°F (68°C) = B
175°F (79°C) = D
200°F (93°C) = E
286°F (93°C) = G

Standard Wrench VK168
07297W/B $113.16

Recessed Wrench for VK169 model
07565W/B $145.25

Sprinkler Guard for Upright/Pendent
08954 $30.26

Dry Spk Replacement Escutcheons
Rec. Adj. - Chrome
05459AF $5.46
Rec. Adj. - White
05459AM/W $5.46

Dry Sprinkler Boot
22087M/W $47.35

IMPORTANT NOTE:
Stainless Steel Dry Sprinklers NOT Listed or Approved.

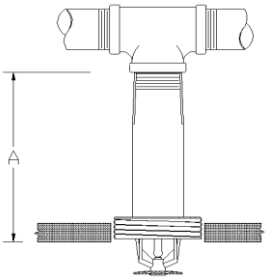
Standard Response
5.6 (81) / 8.0 (115) K Factor
Standard Coverage
Pendent / 1" NPT
Glass Bulb

To order, add finish, temperature and length suffix to base part number (length = A dimension, inches)

Ex: VK190, 155 °F, 10 " long
Part Number: 12421UAB10

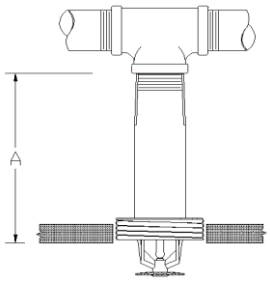
VK190 - 5.6 K Factor	*VK192 - 8.0 K Factor*
DOMED CONCEALED	*DOMED CONCEALED*
Base P/N: 12421UA	**Base P/N: 12424UA**
order in ¼" increments	***order in ¼" increments***

Item Price Group: V187

VK190 - 5.6 K Factor	Length (L) - A Dimension	LIST PRICES Standard Brass (A_)
base p/n - 12421U(f)(t)(l)	4 - 6" (101 - 152mm)	$263.20
	6¼ - 9" (159 - 229mm)	$275.13
	9¼ - 12" (235 - 305mm)	$289.48
	12¼ - 15" (311 - 381mm)	$313.44
	15¼ - 18" (387 - 457mm)	$334.97
	18¼ - 21" (464 - 533mm)	$351.72
	21¼ - 24" (540 - 610mm)	$385.24
	24¼ - 27" (616 - 686mm)	$406.77
	27¼ - 30" (692 - 762mm)	$433.09
	30¼ - 33" (768 - 838mm)	$445.06
	33¼ - 36" (845 - 914mm)	$478.56

**contact customer service for lengths over standard*

Item Price Group: V187

VK192 - 8.0 K Factor	Length (L) - A Dimension	LIST PRICES Standard Brass (A_)
base p/n - 12424U(f)(t)(l)	4 - 6" (101 - 152mm)	$289.48
	6¼ - 9" (159 - 229mm)	$299.09
	9¼ - 12" (235 - 305mm)	$313.44
	12¼ - 15" (311 - 381mm)	$334.98
	15¼ - 18" (387 - 457mm)	$351.72
	18¼ - 21" (464 - 533mm)	$375.66
	21¼ - 24" (540 - 610mm)	$399.60
	24¼ - 27" (616 - 686mm)	$433.05
	27¼ - 30" (692 - 762mm)	$449.83
	30¼ - 33" (768 - 838mm)	$466.58
	33¼ - 36" (845 - 914mm)	$497.68

**contact customer service for lengths over standard*

Additional Ordering Information
VK190 / VK192

Available Temp. Ratings / Suffix
155°F (68°C) = B
175°F (79°C) = D
200°F (93°C) = E

Wrench - Domed Concealed
07565W/B $145.25

Dry Sprinkler Boot
22087M/W $47.35

Domed Cover Plates (sold separately)				
Finish	**Temp**	**Part #**	**IPG**	**List Price**
Chrome	135°F	12381FA	V214	$38.29
Chrome	165°F	12381FC	V214	$38.29
Painted White	135°F	12381MA/W	V214	$38.29
Painted White	165°F	12381MC/W	V214	$38.29
Painted Ivory	135°F	12381MA/I	V214	$48.64
Painted Ivory	165°F	12381MC/I	V214	$48.64
Painted Black	135°F	12381MA/B	V214	$48.64
Painted Black	165°F	12381MC/B	V214	$48.64

NOTE: Use 135°F/57°C cover plate with 155°F/68°C rated dry sprinklers. Use 165°F/74°C domed cover plate with 175°F/79°C and 200°F/93°C rated dry sprinklers.

Quick Response

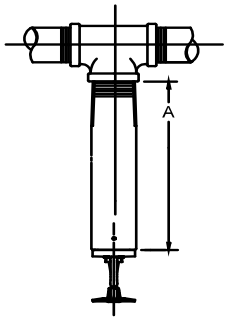
5.6 (81) K Factor *(1/2" orifice)*
Standard Coverage
Pendent / 1" NPT
Glass Bulb

To order, add finish, temperature and length suffix to base part number (length = A dimension, inches)

Ex: VK176, white, 286 °F, 20" long
Part Number: 08383UMG/W20

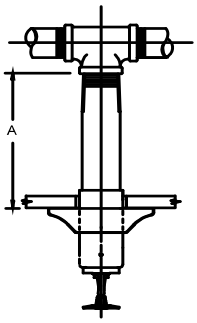
VK172	***VK176***	***VK180***
Plain Barrel	***Standard Adjustable***	***Recessed Adjustable***
Base P/N: 08387U	**Base P/N: 08383U**	**Base P/N: 08385U**
order in ½" increments	***order in ½" increments***	***order in ¼" increments***

Item Price Group: V187

VK172 - Plain Barrel	**Length (L) - A Dimension**	***LIST PRICES and Available Finishes*** Standard Brass (A_)	Polished Chrome (F_)	ENT (JN) *IPG V188*
base p/n - 08387U(f)(t)(l)	3 - 6" (76 - 152mm)	$230.44	$233.71	$316.63
	6½ - 9" (165 - 229mm)	$243.26	$246.50	P.O.A
	9½ - 12" (241 - 305mm)	$249.65	$252.86	$335.80
	12½ - 15" (318 - 381mm)	$272.11	$275.26	$358.20
	15½ - 18" (394 - 457mm)	$288.09	$291.27	$374.19
	18½ - 21" (470 - 533mm)	$304.09	$307.28	P.O.A
	21½ - 24" (546 - 610mm)	$332.90	$336.05	P.O.A
	24½ - 27" (622 - 686mm)	$348.91	$352.11	$435.02
	27½ - 30" (699 - 762mm)	$368.08	$371.30	$454.20
	30½ - 33" (775 - 838mm)	$380.92	$384.07	$467.01
	33½ - 36" (851 - 914mm)	$400.13	$403.27	P.O.A

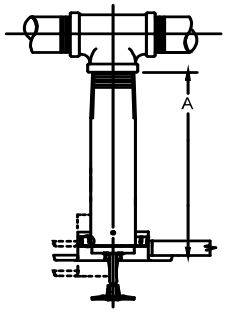
**contact customer service for lengths over standard*

Item Price Group: V187

VK176 - Standard Adj.	**Length (L) - A Dimension**	***LIST PRICES and Available Finishes*** Polished Chrome (F_)	White (M_/W)	ENT (JN) *IPG V188*
base p/n - 08383U(f)(t)(l)	1½ - 6" (38 - 152mm)	$256.09	$256.09	$339.02
	6½ - 9" (165 - 229mm)	$262.49	$262.48	$345.42
	9½ - 12" (241 - 305mm)	$268.91	$268.91	$351.85
	12½ - 15" (318 - 381mm)	$294.50	$294.50	$377.44
	15½ - 18" (394 - 457mm)	$300.91	$300.91	$383.83
	18½ - 21" (470 - 533mm)	$329.67	$329.67	$412.60
	21½ - 24" (546 - 610mm)	$342.47	$342.47	$425.41
	24½ - 27" (622 - 686mm)	$364.92	$364.92	$447.87
	27½ - 30" (699 - 762mm)	$380.92	$380.95	$463.88
	30½ - 33" (775 - 838mm)	$390.50	$390.50	$473.45
	33½ - 36" (851 - 914mm)	$416.11	$416.10	$499.05

**contact customer service for lengths over standard*

Item Price Group: V187

VK180 - Recessed Adj.	**Length (L) - A Dimension**	***LIST PRICES and Available Finishes*** Polished Chrome (F_)	White (M_/W)	ENT (JN) *IPG V188*
base p/n - 08385U(f)(t)(l)	3¼ - 6" (83 - 152mm)	$256.09	$262.49	$345.43
	6¼ - 9" (159 - 229mm)	$262.49	$268.91	$351.85
	9¼ - 12" (235 - 305mm)	$268.91	$275.26	$358.19
	12¼ - 15" (311 - 381mm)	$294.50	$300.91	$383.83
	15¼ - 18" (387 - 457mm)	$307.28	$313.70	$396.64
	18¼ - 21" (464 - 533mm)	$329.67	$336.05	$418.98
	21¼ - 24" (540 - 610mm)	$352.11	$358.50	$441.44
	24¼ - 27" (616 - 686mm)	$371.30	$377.71	$460.64
	27¼ - 30" (692 - 762mm)	$380.92	$387.27	$470.22
	30¼ - 33" (768 - 838mm)	$400.13	$406.46	$489.41
	33¼ - 36" (845 - 914mm)	$425.72	$432.13	$515.05

Additional Ordering Information VK172/176/180

Available Temp. Ratings / Suffix
155°F (68°C) = B
175°F (79°C) = D
200°F (93°C) = E
286°F (93°C) = G *
** N/A with VK180*

Standard Wrench VK172 and VK176
07297W/B $113.16

Recessed wrench for VK180 model
07565W/B $145.25

Sprinkler Guard for Upright/Pendent
08954 $30.26

Dry Spk Replacement Escutcheons
Std. Adj. - Chrome
07741F $7.52
Std. Adj. - White
07741M/W $7.52
Rec. Adj. - Chrome
05459AF $5.46
Rec. Adj. - White
05459AM/W $5.46

Dry Sprinkler Boot
22087M/W $47.35

Quick Response

5.6 (81) K Factor *(1/2" orifice)*
Standard Coverage
Horizontal Sidewall / 1" NPT
Glass Bulb

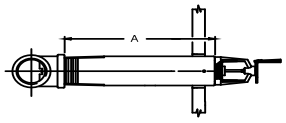
To order, add finish, temperature and length suffix to base part number (length = A dimension, inches)

Ex: VK174, brass, 155 °F, 11 ½" long
Part Number: 08388UAB115

VK174	***VK178***	***VK182***
Plain Barrel	***Standard Adjustable***	***Recessed Adjustable***
Base P/N: 08388U	**Base P/N: 08384U**	**Base P/N: 08386U**
order in ½" increments	***order in ½" increments***	***order in ¼" increments***

Item Price Group: V187 (ENT Finish: IPG V188)

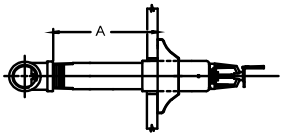
VK174 - Plain Barrel	Length (L) - A Dimension	LIST PRICES and Available Finishes: Standard Brass (A_)	Polished Chrome (F_)	ENT (JN) IPG V188
base p/n - 08388U(f)(t)(l)	3 - 6" (76 - 152mm)	$256.09	$259.25	P.O.A
	6½ - 9" (165 - 229mm)	$259.25	$262.49	P.O.A
	9½ - 12" (241 - 305mm)	$265.64	$268.91	$351.83
	12½ - 15" (318 - 381mm)	$294.50	$297.71	$380.61
	15½ - 18" (394 - 457mm)	$304.09	$307.28	P.O.A
	18½ - 21" (470 - 533mm)	$323.29	$326.49	P.O.A
	21½ - 24" (546 - 610mm)	$358.50	$361.73	P.O.A
	24½ - 27" (622 - 686mm)	$374.52	$377.70	P.O.A
	27½ - 30" (699 - 762mm)	$387.27	$390.50	P.O.A
	30½ - 33" (775 - 838mm)	$400.13	$403.27	P.O.A
	33½ - 36" (851 - 914mm)	$416.11	$419.32	P.O.A



**contact customer service for lengths over standard*

Item Price Group: V187 (ENT Finish: IPG V188)

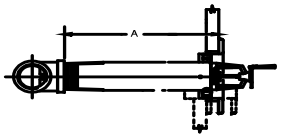
VK178 - Standard Adj.	Length (L) - A Dimension	LIST PRICES and Available Finishes: Polished Chrome (F_)	White (M_/W)	ENT (JN) IPG V188
base p/n - 08384U(f)(t)(l)	1½ - 6" (38 - 152mm)	$262.49	$262.48	$345.43
	6½ - 9" (165 - 229mm)	$268.91	$268.91	$351.84
	9½ - 12" (241 - 305mm)	$278.49	$278.49	$361.42
	12½ - 15" (318 - 381mm)	$307.28	$307.28	$390.22
	15½ - 18" (394 - 457mm)	$320.09	$320.09	$403.02
	18½ - 21" (470 - 533mm)	$339.30	$339.30	$422.24
	21½ - 24" (546 - 610mm)	$374.52	$374.52	$457.45
	24½ - 27" (622 - 686mm)	$387.27	$387.27	$458.77
	27½ - 30" (699 - 762mm)	$406.46	$406.47	$489.41
	30½ - 33" (775 - 838mm)	$416.11	$416.11	$499.05
	33½ - 36" (851 - 914mm)	$432.13	$432.13	$515.04



**contact customer service for lengths over standard*

Item Price Group: V187 (ENT Finish: IPG V188)

VK182 - Recessed Adj.	Length (L) - A Dimension	LIST PRICES and Available Finishes: Polished Chrome (F_)	White (M_/W)	ENT (JN) IPG V188
base p/n - 08386U(f)(t)(l)	3¼ - 6" (83 - 152mm)	$268.91	$275.26	$358.19
	6¼ - 9" (159 - 229mm)	$278.49	$284.89	$358.19
	9¼ - 12" (235 - 305mm)	$284.89	$291.27	$374.20
	12¼ - 15" (311 - 381mm)	$310.52	$316.87	$399.79
	15¼ - 18" (387 - 457mm)	$329.67	$336.05	$418.98
	18¼ - 21" (464 - 533mm)	$342.47	$348.91	$431.83
	21¼ - 24" (540 - 610mm)	$377.71	$384.07	$467.04
	24¼ - 27" (616 - 686mm)	$393.65	$400.13	$483.06
	27¼ - 30" (692 - 762mm)	$412.93	$419.32	$502.23
	30¼ - 33" (768 - 838mm)	$428.95	$435.33	P.O.A
	33¼ - 36" (845 - 914mm)	$441.72	$448.15	$531.07



Additional Ordering Information VK174/178/182

Available Temp. Ratings / Suffix

155°F (68°C) = B
175°F (79°C) = D
200°F (93°C) = E
286°F (93°C) = G

VK178 also available in white finish with chrome escutcheon at same price as white finish. Use suffix MF_/W

Standard Wrench VK174 and VK178
07297W/B $113.16

Recessed Wrench for VK182 Model
07565W/B $145.25

Dry Spk Replacement Escutcheons
Std. Adj. - Chrome
08086F $7.52
Std. Adj. - White
08086M/W $7.52
Rec. Adj. - Chrome
05459AF $5.46
Rec. Adj. - White
05459AM/W $5.46

Dry Sprinkler Boot
22087M/W $47.35

Quick Response

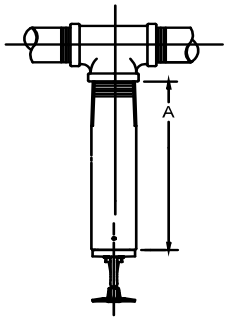
8.0 (115) K Factor *(17/32" orifice)*
Standard Coverage
Pendent / 1" NPT
Glass Bulb

To order, add finish, temperature and length suffix to base part number (length = A dimension, inches)

Ex: VK177, chrome, 175 °F, 8" length
Part Number: 13249UFD08

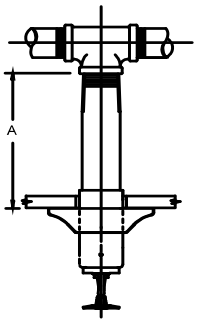
VK173	***VK177***	***VK181***
Plain Barrel	***Standard Adjustable***	***Recessed Adjustable***
Base P/N: 13248U	**Base P/N: 13249U**	**Base P/N: 13250U**
order in ½" increments	***order in ½" increments***	***order in ¼" increments***

Item Price Group: V187 (ENT Finish: IPG V188)

VK173 - Plain Barrel	**Length (L) - A Dimension**	***LIST PRICES and Available Finishes*** Standard Brass (A_)	Polished Chrome (F_)	ENT (JN) *IPG V188*
base p/n - 13248U(f)(t)(l)	3 - 6" (76 - 152mm)	$260.62	$270.51	P.O.A
	6½ - 9" (165 - 229mm)	$282.38	$284.14	P.O.A
	9½ - 12" (241 - 305mm)	$281.68	$284.16	$367.09
	12½ - 15" (318 - 381mm)	$318.60	$321.12	P.O.A
	15½ - 18" (394 - 457mm)	$336.93	$333.47	P.O.A
	18½ - 21" (470 - 533mm)	$354.84	$347.51	P.O.A
	21½ - 24" (546 - 610mm)	$391.01	$382.73	P.O.A
	24½ - 27" (622 - 686mm)	P.O.A	P.O.A	P.O.A
	27½ - 30" (699 - 762mm)	P.O.A	P.O.A	P.O.A
	30½ - 33" (775 - 838mm)	P.O.A	P.O.A	P.O.A
	33½ - 36" (851 - 914mm)	P.O.A	$467.05	P.O.A

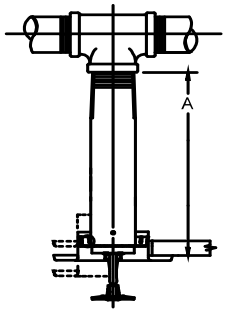
**contact customer service for lengths over standard*

Item Price Group: V187 (ENT Finish: IPG V188)

VK177 - Standard Adj.	**Length (L) - A Dimension**	***LIST PRICES and Available Finishes*** Polished Chrome (F_)	White (M_/W)	ENT (JN) *IPG V188*
base p/n - 13249U(f)(t)(l)	1½ - 6" (38 - 152mm)	$274.62	$274.62	$335.89
	6½ - 9" (165 - 229mm)	$281.68	$281.68	P.O.A
	9½ - 12" (241 - 305mm)	$288.75	$288.75	$371.68
	12½ - 15" (318 - 381mm)	$313.40	$313.40	$406.88
	15½ - 18" (394 - 457mm)	$323.95	$323.95	$406.88
	18½ - 21" (470 - 533mm)	$358.42	$358.41	P.O.A
	21½ - 24" (546 - 610mm)	$369.66	$369.68	$452.58
	24½ - 27" (622 - 686mm)	$394.38	$411.94	P.O.A
	27½ - 30" (699 - 762mm)	$411.93	$423.63	$506.57
	30½ - 33" (775 - 838mm)	$434.45	$434.45	$434.45
	33½ - 36" (851 - 914mm)	$459.81	$459.81	P.O.A

**contact customer service for lengths over standard*

Item Price Group: V187 (ENT Finish: IPG V188)

VK181 - Recessed Adj.	**Length (L) - A Dimension**	***LIST PRICES and Available Finishes*** Polished Chrome (F_)	White (M_/W)	ENT (JN) *IPG V188*
base p/n - 13250U(f)(t)(l)	3¼ - 6" (83 - 152mm)	$274.62	$281.68	P.O.A
	6¼ - 9" (159 - 229mm)	$281.68	$288.75	$371.68
	9¼ - 12" (235 - 305mm)	$288.75	$295.77	$378.69
	12¼ - 15" (311 - 381mm)	$313.40	$320.38	P.O.A
	15¼ - 18" (387 - 457mm)	$330.97	$338.03	$420.96
	18¼ - 21" (464 - 533mm)	$352.09	$359.13	P.O.A
	21¼ - 24" (540 - 610mm)	$373.23	$380.26	P.O.A
	24¼ - 27" (616 - 686mm)	$401.40	$408.44	P.O.A
	27¼ - 30" (692 - 762mm)	$415.49	$423.60	P.O.A
	30¼ - 33" (768 - 838mm)	$429.55	$437.72	P.O.A
	33¼ - 36" (845 - 914mm)	$457.72	$465.96	P.O.A

Additional Ordering Information VK173/177/181

Available Temp. Ratings / Suffix
155°F (68°C) = B
175°F (79°C) = D
200°F (93°C) = E
286°F (93°C) = G *
** N/A with VK181*

Standard Wrench VK173 and VK177
07297W/B $113.16

Recessed Wrench for VK181 Model
07565W/B $145.25

Sprinkler Guard for Upright/Pendent
08954 $30.26

Dry Spk Replacement Escutcheons
Std. Adj. - Chrome
07741F $7.52
Std. Adj. - White
07741M/W $7.52
Rec. Adj. - Chrome
05459AF $5.46
Rec. Adj. - White
05459AM/W $5.46

Dry Sprinkler Boot
22087M/W $47.35

Quick Response

8.0 (115) K Factor *(17/32" orifice)*
Standard Coverage
Horizontal Sidewall / 1" NPT
Glass Bulb

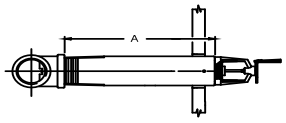
To order, add finish, temperature and length suffix to base part number (length = A dimension, inches)

Ex: VK2793, white, 175 °F, 3" length
Part Number: 21483UMD/W03

VK2753	***VK2773***	***VK2793***
Plain Barrel	***Standard Adjustable***	***Recessed Adjustable***
Base P/N: 21495U	**Base P/N: 21489U**	**Base P/N: 21483U**
NEW! Now cULus Listed with 12" deflector distance down from ceiling		
order in ½" increments	***order in ½" increments***	***order in ¼" increments***

Item Price Group: V187 (ENT Finish: IPG V188)

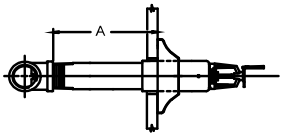
VK2753 - Plain Barrel	**Length (L) - A Dimension**	***LIST PRICES and Available Finishes*** Standard Brass (A_)	Polished Chrome (F_)	ENT (JN) *IPG V188*
base p/n - 21495U(f)(t)(l)	3 - 6" (76 - 152mm)	$307.95	$310.88	P.O.A
	6½ - 9" (165 - 229mm)	P.O.A	P.O.A	P.O.A
	9½ - 12" (241 - 305mm)	$332.86	$335.78	P.O.A
	12½ - 15" (318 - 381mm)	P.O.A	P.O.A	P.O.A
	15½ - 18" (394 - 457mm)	$391.16	P.O.A	P.O.A
	18½ - 21" (470 - 533mm)	P.O.A	P.O.A	P.O.A
	21½ - 24" (546 - 610mm)	P.O.A	P.O.A	P.O.A
	24½ - 27" (622 - 686mm)	P.O.A	P.O.A	P.O.A
	27½ - 30" (699 - 762mm)	P.O.A	P.O.A	P.O.A
	30½ - 33" (775 - 838mm)	P.O.A	P.O.A	P.O.A
	33½ - 36" (851 - 914mm)	P.O.A	P.O.A	P.O.A



**contact customer service for lengths over standard*

Item Price Group: V187 (ENT Finish: IPG V188)

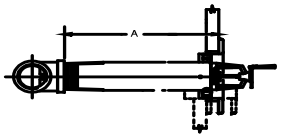
VK2773 - Standard Adj.	**Length (L) - A Dimension**	***LIST PRICES and Available Finishes*** Polished Chrome (F_)	White (M_/W)	ENT (JN) *IPG V188*
base p/n - 21489U(f)(t)(l)	1½ - 6" (38 - 152mm)	$324.53	$324.53	P.O.A
	6½ - 9" (165 - 229mm)	$332.86	P.O.A	P.O.A
	9½ - 12" (241 - 305mm)	$341.26	$341.24	P.O.A
	12½ - 15" (318 - 381mm)	$370.36	P.O.A	P.O.A
	15½ - 18" (394 - 457mm)	$382.85	$382.85	P.O.A
	18½ - 21" (470 - 533mm)	$411.91	P.O.A	$494.85
	21½ - 24" (546 - 610mm)	$436.89	P.O.A	P.O.A
	24½ - 27" (622 - 686mm)	P.O.A	P.O.A	P.O.A
	27½ - 30" (699 - 762mm)	$486.86	P.O.A	P.O.A
	30½ - 33" (775 - 838mm)	P.O.A	P.O.A	P.O.A
	33½ - 36" (851 - 914mm)	P.O.A	$528.45	P.O.A



**contact customer service for lengths over standard*

Item Price Group: V187 (ENT Finish: IPG V188)

VK2793 - Recessed Adj.	**Length (L) - A Dimension**	***LIST PRICES and Available Finishes*** Polished Chrome (F_)	White (M_/W)	ENT (JN) *IPG V188*
base p/n - 21483U(f)(t)(l)	3¼ - 6" (83 - 152mm)	$324.53	P.O.A	P.O.A
	6¼ - 9" (159 - 229mm)	P.O.A	P.O.A	P.O.A
	9¼ - 12" (235 - 305mm)	$341.26	P.O.A	P.O.A
	12¼ - 15" (311 - 381mm)	P.O.A	P.O.A	P.O.A
	15¼ - 18" (387 - 457mm)	$391.17	$399.46	P.O.A
	18¼ - 21" (464 - 533mm)	P.O.A	P.O.A	P.O.A
	21¼ - 24" (540 - 610mm)	$441.09	P.O.A	P.O.A
	24¼ - 27" (616 - 686mm)	$474.42	P.O.A	P.O.A
	27¼ - 30" (692 - 762mm)	P.O.A	P.O.A	P.O.A
	30¼ - 33" (768 - 838mm)	$511.81	P.O.A	P.O.A
	33¼ - 36" (845 - 914mm)	P.O.A	P.O.A	P.O.A



Additional Ordering Information VK2753/2773/2793

Available Temp. Ratings / Suffix

155°F (68°C) = B
175°F (79°C) = D
200°F (93°C) = E
286°F (93°C) = G *
** N/A with VK2793*

VK2773 also available in white finish with chrome escutcheon at same price as white finish. Use suffix MF_/W

Standard Wrench VK2753 and VK2773
07297W/B $113.16

Recessed Wrench for VK2793 Model
07565W/B $145.25

Dry Spk Replacement Escutcheons
Std. Adj. - Chrome
08086F $7.52
Std. Adj. - White
08086M/W $7.52
Rec. Adj. - Chrome
05459AF $5.46
Rec. Adj. - White
05459AM/W $5.46

Dry Sprinkler Boot
22087M/W $47.35

Electroless Nickel PTFE (ENT) coating is for corrosion resistance.

Quick Response

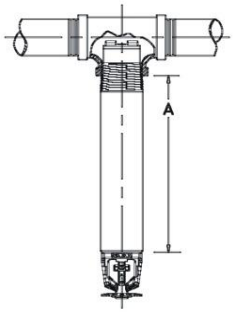
8.0 (115) K Factor *(17/32" orifice)*
Standard Coverage
Pendent / 1" NPT
Fusible Link

To order, add finish, temperature and length suffix to base part number (length = A dimension, inches)

Ex: VK290, chrome, 205 °F, 15 ¾" long
Part Number: 13256UFE1575

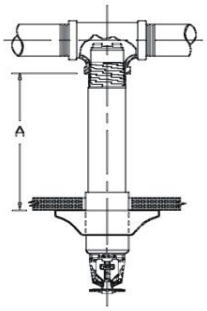
VK282	***VK286***	***VK290***
Plain Barrel	***Standard Adjustable***	***Recessed Adjustable***
Base P/N: 13254U	**Base P/N: 13255U**	**Base P/N: 13256U**
order in ½" increments	***order in ½" increments***	***order in ¼" increments***

Item Price Group: V187

VK282- Plain Barrel	**Length (L) - A Dimension**	***LIST PRICES and Available Finishes*** Standard Brass (A_)	Polished Chrome (F_)
base p/n - 13254U(f)(t)(l)	3 - 6" (76 - 152mm)	$307.96	P.O.A
	6½ - 9" (165 - 229mm)	$324.53	$327.43
	9½ - 12" (241 - 305mm)	$324.53	$335.79
	12½ - 15" (318 - 381mm)	$366.18	$369.08
	15½ - 18" (394 - 457mm)	$391.18	$394.06
	18½ - 21" (470 - 533mm)	$407.80	$410.71
	21½ - 24" (546 - 610mm)	$449.36	$452.28
	24½ - 27" (622 - 686mm)	$474.41	P.O.A
	27½ - 30" (699 - 762mm)	$495.23	P.O.A
	30½ - 33" (775 - 838mm)	$511.78	$514.71
	33½ - 36" (851 - 914mm)	$536.79	$539.69

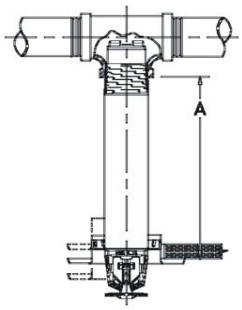
**contact customer service for lengths over standard*

Item Price Group: V187

VK286 - Standard Adj.	**Length (L) - A Dimension**	***LIST PRICES and Available Finishes*** Polished Chrome (F_)	White (M_/W)
base p/n - 13255U(f)(t)(l)	1½ - 6" (38 - 152mm)	$324.53	$324.53
	6½ - 9" (165 - 229mm)	$332.86	$332.86
	9½ - 12" (241 - 305mm)	$341.26	$341.23
	12½ - 15" (318 - 381mm)	$370.36	$370.36
	15½ - 18" (394 - 457mm)	$382.85	$382.85
	18½ - 21" (470 - 533mm)	$411.91	$411.91
	21½ - 24" (546 - 610mm)	$436.89	$436.89
	24½ - 27" (622 - 686mm)	$466.07	$466.08
	27½ - 30" (699 - 762mm)	$486.86	$486.88
	30½ - 33" (775 - 838mm)	$499.33	$499.31
	33½ - 36" (851 - 914mm)	$528.44	$528.44

**contact customer service for lengths over standard*

Item Price Group: V187

VK290 - Recessed Adj.	**Length (L) - A Dimension**	***LIST PRICES and Available Finishes*** Polished Chrome (F_)	White (M_/W)
base p/n - 13256U(f)(t)(l)	3¼ - 6" (83 - 152mm)	$324.53	$332.88
	6¼ - 9" (159 - 229mm)	$332.86	$341.23
	9¼ - 12" (235 - 305mm)	$341.26	$349.55
	12¼ - 15" (311 - 381mm)	$370.36	$378.64
	15¼ - 18" (387 - 457mm)	$391.18	$399.46
	18¼ - 21" (464 - 533mm)	$416.08	$424.45
	21¼ - 24" (540 - 610mm)	$441.08	$449.36
	24¼ - 27" (616 - 686mm)	$474.41	$482.69
	27¼ - 30" (692 - 762mm)	$491.06	$499.33
	30¼ - 33" (768 - 838mm)	$507.65	P.O.A
	33¼ - 36" (845 - 914mm)	$540.95	$549.25

Additional Ordering Information VK282/286/290

Available Temp. Ratings / Suffix
165°F (74°C) = C
205°F (96°C) = E
280°F (138°C) = G *
** N/A with VK290*

Standard Wrench VK282 and VK286
07297W/B $113.16

Recessed Wrench for VK290Model
07565W/B $145.25

Sprinkler Guard for Upright/Pendent
08954 $30.26

Dry Spk Replacement Escutcheons
Std. Adj. - Chrome
07741F $7.52
Std. Adj. - White
07741M/W $7.52
Rec. Adj. - Chrome
05459AF $5.46
Rec. Adj. - White
05459AM/W $5.46

Dry Sprinkler Boot
22087M/W $47.35

Quick Response

8.0 (115) K Factor *(17/32" orifice)*
Standard Coverage
Horizontal Sidewall / 1" NPT
Fusible Link

To order, add finish, temperature and length suffix to base part number (length = A dimension, inches)

Ex: VK2843, brass, 165 °F, 33 ½" long
Part Number: 21497UAC335

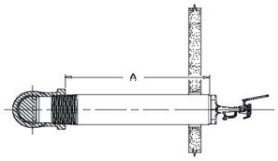
VK2843	***VK2883***	***VK2923***
Plain Barrel	***Standard Adjustable***	***Recessed Adjustable***
Base P/N: 21497U	**Base P/N: 21491U**	**Base P/N: 21485U**

NEW! Now cULus Listed with 12" deflector distance down from ceiling

order in ½" increments	***order in ½" increments***	***order in ¼" increments***

Item Price Group: V187

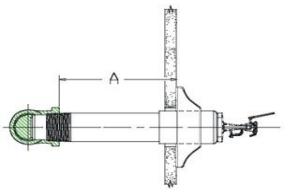
VK2843 - Plain Barrel	**Length (L) - A Dimension**	***LIST PRICES and Available Finishes*** **Standard Brass (A_)**	**Polished Chrome (F_)**
base p/n - 21497U(f)(t)(l)	3 - 6" (76 - 152mm)	$307.97	P.O.A
	6½ - 9" (165 - 229mm)	P.O.A	P.O.A
	9½ - 12" (241 - 305mm)	$332.88	P.O.A
	12½ - 15" (318 - 381mm)	P.O.A	P.O.A
	15½ - 18" (394 - 457mm)	$391.17	$394.07
	18½ - 21" (470 - 533mm)	P.O.A	P.O.A
	21½ - 24" (546 - 610mm)	P.O.A	P.O.A
	24½ - 27" (622 - 686mm)	P.O.A	P.O.A
	27½ - 30" (699 - 762mm)	P.O.A	P.O.A
	30½ - 33" (775 - 838mm)	P.O.A	P.O.A
	33½ - 36" (851 - 914mm)	P.O.A	P.O.A



**contact customer service for lengths over standard*

Item Price Group: V187

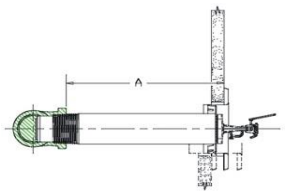
VK2883 - Standard Adj.	**Length (L) - A Dimension**	***LIST PRICES and Available Finishes*** **Polished Chrome (F_)**	**White (M_/W)**
base p/n - 21491U(f)(t)(l)	1½ - 6" (38 - 152mm)	P.O.A	P.O.A
	6½ - 9" (165 - 229mm)	$332.86	P.O.A
	9½ - 12" (241 - 305mm)	$341.26	$341.25
	12½ - 15" (318 - 381mm)	$370.36	P.O.A
	15½ - 18" (394 - 457mm)	$382.85	$382.84
	18½ - 21" (470 - 533mm)	P.O.A	P.O.A
	21½ - 24" (546 - 610mm)	$436.89	$436.89
	24½ - 27" (622 - 686mm)	P.O.A	P.O.A
	27½ - 30" (699 - 762mm)	P.O.A	P.O.A
	30½ - 33" (775 - 838mm)	P.O.A	P.O.A
	33½ - 36" (851 - 914mm)	P.O.A	P.O.A



**contact customer service for lengths over standard*

Item Price Group: V187

VK2923 - Recessed Adj.	**Length (L) - A Dimension**	***LIST PRICES and Available Finishes*** **Polished Chrome (F_)**	**White (M_/W)**
base p/n -21485U(f)(t)(l)	3¼ - 6" (83 - 152mm)	P.O.A	P.O.A
	6¼ - 9" (159 - 229mm)	P.O.A	P.O.A
	9¼ - 12" (235 - 305mm)	$341.26	P.O.A
	12¼ - 15" (311 - 381mm)	$370.36	P.O.A
	15¼ - 18" (387 - 457mm)	P.O.A	P.O.A
	18¼ - 21" (464 - 533mm)	P.O.A	P.O.A
	21¼ - 24" (540 - 610mm)	P.O.A	P.O.A
	24¼ - 27" (616 - 686mm)	P.O.A	P.O.A
	27¼ - 30" (692 - 762mm)	P.O.A	P.O.A
	30¼ - 33" (768 - 838mm)	P.O.A	P.O.A
	33¼ - 36" (845 - 914mm)	P.O.A	P.O.A



Additional Ordering Information VK2843/2883/2923

Available Temp. Ratings / Suffix
165°F (74°C) = C
205°F (96°C) = E
280°F (138°C) = G *
** N/A with VK292*

VK2883 also available in white finish with chrome escutcheon at same price as white finish. Use suffix MF_/W

Standard Wrench VK2843 and VK2883
07297W/B $113.16

Recessed Wrench for VK2923 Model
07565W/B $145.25

Dry Spk Replacement Escutcheons
Std. Adj. - Chrome
08086F $7.52
Std. Adj. - White
08086M/W $7.52
Rec. Adj. - Chrome
05459AF $5.46
Rec. Adj. - White
05459AM/W $5.46

Dry Sprinkler Boot
22087M/W $47.35

Quick/Standard Response

5.6 (81) K Factor *(1/2" orifice)*

EXTENDED COVERAGE

Pendent / Sidewall (1" NPT)

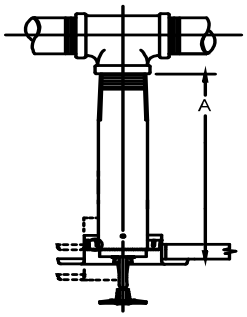
Glass Bulb

To order, add finish, temperature and length suffix to base part number (length = A dimension, inches)

Ex: VK186, white, 155 °F, 6" length
Part Number: 10541UMB/W06

VK186 - Pendent	***VK188 - Horiz. Sidewall***
Recessed Adjustable	***Recessed Adjustable***
Base P/N: 10541U	**Base P/N: 10542U**
order in ¼" increments	***order in ¼" increments***

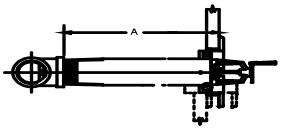
Item Price Group: V187 (ENT Finish: IPG V188)



VK186 - Recessed Adj.	Length (L) - A Dimension	LIST PRICES and Available Finishes: Polished Chrome (F_)	White (M_/W)	ENT (JN) IPG V188
base p/n - 10541U(f)(t)(l)	3¼ - 6" (83 - 152mm)	$265.64	$272.11	$355.05
	6¼ - 9" (159 - 229mm)	$272.11	$278.49	$361.42
	9¼ - 12" (235 - 305mm)	$281.68	$288.09	$371.02
	12¼ - 15" (311 - 381mm)	$304.09	$310.52	$393.45
	15¼ - 18" (387 - 457mm)	$320.09	$326.49	$409.43
	18¼ - 21" (464 - 533mm)	$339.30	$345.66	$428.61
	21¼ - 24" (540 - 610mm)	$364.92	$371.30	$454.23
	24¼ - 27" (616 - 686mm)	$380.92	$387.27	$470.22
	27¼ - 30" (692 - 762mm)	$390.50	$396.90	$479.84
	30¼ - 33" (768 - 838mm)	$412.95	$419.32	P.O.A
	33¼ - 36" (845 - 914mm)	$435.33	$441.74	P.O.A

**contact customer service for lengths over standard*

Item Price Group: V187 (ENT Finish: IPG V188)



VK188 - Recessed Adj.	Length (L) - A Dimension	LIST PRICES and Available Finishes: Polished Chrome (F_)	White (M_/W)	ENT (JN) IPG V188
base p/n - 10542U(f)(t)(l)	3¼ - 6" (83 - 152mm)	$281.68	$288.09	$371.02
	6¼ - 9" (159 - 229mm)	$288.09	$294.50	$377.44
	9¼ - 12" (235 - 305mm)	$294.50	$300.91	$383.83
	12¼ - 15" (311 - 381mm)	$320.09	$326.49	P.O.A
	15¼ - 18" (387 - 457mm)	$339.30	$345.66	$428.61
	18¼ - 21" (464 - 533mm)	$352.11	$358.50	$441.43
	21¼ - 24" (540 - 610mm)	$387.27	$393.65	P.O.A
	24¼ - 27" (616 - 686mm)	$406.46	$412.92	P.O.A
	27¼ - 30" (692 - 762mm)	$422.53	$428.95	P.O.A
	30¼ - 33" (768 - 838mm)	$438.57	$444.94	P.O.A
	33¼ - 36" (845 - 914mm)	$454.53	$460.90	P.O.A

**contact customer service for lengths over standard*

Additional Ordering Information
VK186 / VK188

Available Temp. Ratings / Suffix

155°F (68°C) = B
175°F (79°C) = D

Recessed Wrench for VK186 & VK188

07565W/B $145.25

Sprinkler Guard for Upright/Pendent

08954 $30.26

Dry Spk Replacement Escutcheons

Rec. Adj. - Chrome
05459AF $5.46
Rec. Adj. - White
05459AM/W $5.46

Dry Sprinkler Boot

22087M/W $47.35

Electroless Nickel PTFE (ENT) coating is for corrosion resistance.

Quick/Standard Response

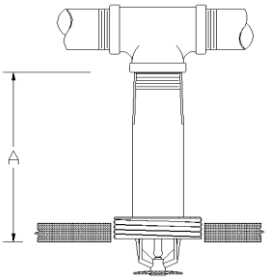
5.6 (81) K Factor *(1/2" orifice)*
Std /Ext Coverage
Pendent / 1" NPT
Glass Bulb

To order, add finish, temperature and length suffix to base part number (length = A dimension, inches)

Ex: VK196, brass, 155 °F, 10.75 " long
Part Number: 12423UAB1075

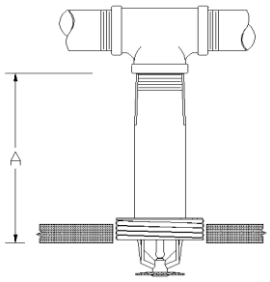
VK194 - Std. Coverage	*VK196 - Ext. Coverage*
DOMED CONCEALED	*DOMED CONCEALED*
Base P/N: 12422U	**Base P/N: 12423U**
order in ¼" increments	***order in ¼" increments***

Item Price Group: V187

VK194 - 5.6 K Factor	Length (L) - A Dimension	LIST PRICES Standard Brass (A_)
base p/n - 12422U(f)(t)(l)	4 - 6" (101 - 152mm)	$299.09
	6¼ - 9" (159 - 229mm)	$303.86
	9¼ - 12" (235 - 305mm)	$313.44
	12¼ - 15" (311 - 381mm)	$346.93
	15¼ - 18" (387 - 457mm)	$361.31
	18¼ - 21" (464 - 533mm)	$387.64
	21¼ - 24" (540 - 610mm)	$418.73
	24¼ - 27" (616 - 686mm)	$442.66
	27¼ - 30" (692 - 762mm)	$454.63
	30¼ - 33" (768 - 838mm)	$478.56
	33¼ - 36" (845 - 914mm)	$509.64

**contact customer service for lengths over standard*

Item Price Group: V187

VK196 - 5.6 K Factor	Length (L) - A Dimension	LIST PRICES Standard Brass (A_)
base p/n - 12423U(f)(t)(l)	4 - 6" (101 - 152mm)	$311.07
	6¼ - 9" (159 - 229mm)	$315.87
	9¼ - 12" (235 - 305mm)	$327.80
	12¼ - 15" (311 - 381mm)	$358.92
	15¼ - 18" (387 - 457mm)	$375.64
	18¼ - 21" (464 - 533mm)	$399.60
	21¼ - 24" (540 - 610mm)	$433.09
	24¼ - 27" (616 - 686mm)	$454.63
	27¼ - 30" (692 - 762mm)	$466.59
	30¼ - 33" (768 - 838mm)	$492.93
	33¼ - 36" (845 - 914mm)	$521.63

**contact customer service for lengths over standard*

Additional Ordering Information VK194

Available Temp. Ratings / Suffix

155°F (68°C) = B
175°F (79°C) = D
200°F (93°C) = E

Additional Ordering Information VK196

Available Temp. Ratings / Suffix

135°F (57°C) = A
155°F (68°C) = B
175°F (79°C) = D

Wrench - Domed Concealed

07565W/B $145.25

Dry Sprinkler Boot

22087M/W $47.35

Domed Cover Plates (sold separately)				
Finish	**Temp**	**Part #**	**IPG**	**List Price**
Chrome	135°F	12381FA	V15.3	$38.29
Chrome	165°F	12381FC	V15.3	$38.29
Painted White	135°F	12381MA/W	V15.3	$38.29
Painted White	165°F	12381MC/W	V15.3	$38.29
Painted Ivory	135°F	12381MA/I	V15.3	$48.64
Painted Ivory	165°F	12381MC/I	V15.3	$48.64
Painted Black	135°F	12381MA/B	V15.3	$48.64
Painted Black	165°F	12381MC/B	V15.3	$48.64

NOTE: Use 135°F/57°C cover plate with 155°F/68°C rated dry sprinklers. Use 165°F/74°C domed cover plate with 175°F/79°C and 200°F/93°C rated dry sprinklers.

Quick Response

Recessed Flush-Style Sprinkler
5.6 (81) K Factor *(1/2" orifice)*
Light and Ordinary Hazard
Pendent (1" NPT)
Fusible Link

To order, add finish, temperature and length suffix to base part number (length = A dimension, inches)

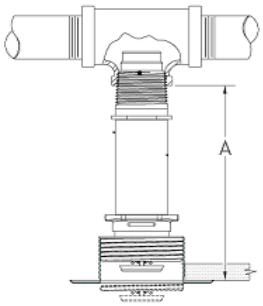
Ex: VK482, white, 165 °F, 7-¼" length
Part Number: 18385MC/W0725

VK482 - Recessed Flush-Style Pendent
Base p/n: 18385M*(t)* /W*(l)*

order in ¼" increments

Item Price Group: V189

VK482-Flush Concealed	Length (L) - A Dimension	LIST PRICES White (M_/W)
base p/n - 18385(f)(t)(l)	4½ - 6" (114 - 152mm)	$346.33
	6¼ - 9" (159 - 229mm)	$354.98
	9¼ - 12" (235 - 305mm)	$363.62
	12¼ - 15" (311 - 381mm)	$372.25
	15¼ - 18" (387 - 457mm)	$381.01
	18¼ - 21" (464 - 533mm)	$389.65
	21¼ - 24" (540 - 610mm)	$398.29
	24¼ - 27" (616 - 686mm)	$406.94
	27¼ - 30" (692 - 762mm)	$415.58
	30¼ - 33" (768 - 838mm)	$424.21
	33¼ - 36" (845 - 914mm)	$427.09



** Please contact customer service for list prices for lengths over 36 inches (914 mm)*

Viking's Model VK482 dry sprinkler is cULus Listed to be installed with the element recessed up to 1/2 inch (12 mm) above the plane of the ceiling. See technical data sheet 111 a-g for details.

Additional Ordering Information VK482

Available Temp. Ratings / Suffix

165°F (74°C) = C
205°F (96°C) = E

Recessed Wrench for VK482

18315W/B $158.50

VK482 Replacement Escutcheon

White
18386M/W $26.96

Standard Response - ELO

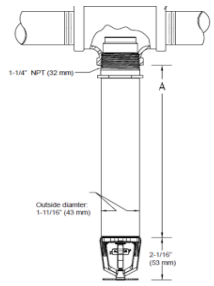
11.2 (161.3) K Factor *(5/8" orifice)*
Standard Coverage
Pendent / 1-¼" NPT
Fusible Link

To order, add finish, temperature and length suffix to base part number (length = A dimension, inches dry ELO sprinklers offered in standard lengths of 6 inch increments (12-48"))

VK544	***VK546***	***VK545***
Plain Barrel	***Standard Adjustable***	***Recessed Adjustable***
Base P/N: 19830	**Base P/N: 19840**	**Base P/N: 19835**
1-¼" NPT Thread Size	***1-¼" NPT Thread Size***	***1-¼" NPT Thread Size***

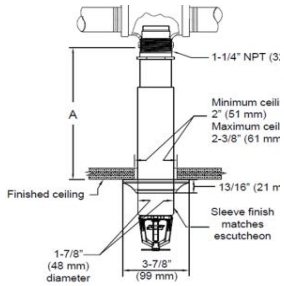
Item Price Group: V190

VK544 - Plain Barrel	**Length (L) - A Dimension[1]**	***LIST PRICES and Available Finishes*** **Standard Brass (A_)**	**Polished Chrome (F_)**	**White (M_/W)**
base p/n - 19830(f)(t)(l)	12" (305 mm)	$644.85	$644.85	$644.85
	18" (457 mm)	$680.67	$680.67	$680.67
	24" (610 mm)	$716.49	$716.49	$716.49
	30" (762 mm)	$752.32	$752.32	$752.32
	36" (914 mm)	$788.15	$788.15	$788.15
	42" (1067 mm)	$823.97	$823.97	$823.97
	48" (1219 mm)	$847.85	$847.85	$847.85



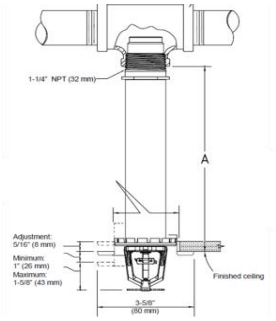
Item Price Group: V190

VK546 - Standard Adj.	**Length (L) - A Dimension[1]**	***LIST PRICES and Available Finishes*** **Polished Chrome (F_)**	**White (M_/W)**
base p/n - 19840(f)(t)(l)	12" (305 mm)	$644.85	$644.85
	18" (457 mm)	$680.67	$680.67
	24" (610 mm)	$716.49	$716.49
	30" (762 mm)	$752.32	$752.32
	36" (914 mm)	$788.15	$788.15
	42" (1067 mm)	$823.97	$823.97
	48" (1219 mm)	$847.85	$847.85



Item Price Group: V190

VK545 - Recessed Adj.	**Length (L) - A Dimension[1]**	***LIST PRICES and Available Finishes*** **Polished Chrome (F_)**	**White (M_/W)**
base p/n - 19835(f)(t)(l)	12" (305 mm)	$644.85	$644.85
	18" (457 mm)	$680.67	$680.67
	24" (610 mm)	$716.49	$716.49
	30" (762 mm)	$752.32	$752.32
	36" (914 mm)	$788.15	$788.15
	42" (1067 mm)	$823.97	$823.97
	48" (1219 mm)	$847.85	$847.85



Additional Ordering Information
VK544/546/545

Available Temp. Ratings / Suffix
165°F (74°C) = C
205°F (96°C) = E
280°F (138°C) = G *
** N/A with VK545*

Recessed Wrench for VK545 Model [2]
19748W/B $173.09

Dry ELO Replacement Escutcheons
Std. Adjustable
19730F $7.52
19730M/W $7.52
Rec. Adjustable
19728F $7.52
19728M/W $7.52

(1) Additional lengths available on special request (FM Approved, 12-48").
(2) Plain barrel and standard adjustable use a pipe wrench on inlet housing.

Quick Response - ELO

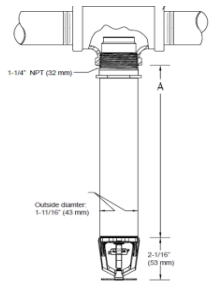
11.2 (161.3) K Factor *(5/8" orifice)*
Standard Coverage
Pendent / 1-¼" NPT
Fusible Link

To order, add finish, temperature and length suffix to base part number (length = A dimension, inches dry ELO sprinklers offered in standard lengths of 6 inch increments (12-48"))

VK547	*VK549*	*VK548*
Plain Barrel	*Standard Adjustable*	*Recessed Adjustable*
Base P/N: 19828	Base P/N: 19838	Base P/N: 19833
1-¼" NPT Thread Size	*1-¼" NPT Thread Size*	*1-¼" NPT Thread Size*

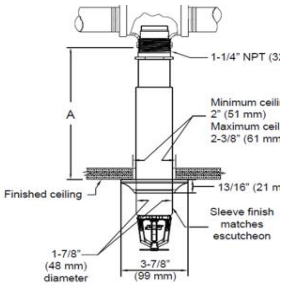
Item Price Group: V190

VK547 - Plain Barrel	Length (L) - A Dimension[1]	LIST PRICES and Available Finishes: Standard Brass (A_)	Polished Chrome (F_)	White (M_/W)
base p/n - 19828(f)(t)(l)	12" (305 mm)	$704.55	$704.55	$704.55
	18" (457 mm)	$740.37	$740.37	$740.37
	24" (610 mm)	$776.20	$776.20	$776.20
	30" (762 mm)	$812.02	$812.02	$812.02
	36" (914 mm)	$847.85	$847.85	$847.85
	42" (1067 mm)	$883.67	$883.67	$883.67
	48" (1219 mm)	$907.56	$907.56	$907.56



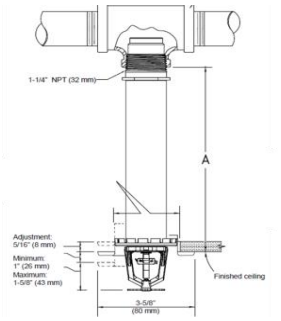
Item Price Group: V190

VK549 - Standard Adj.	Length (L) - A Dimension[1]	LIST PRICES and Available Finishes: Polished Chrome (F_)	White (M_/W)
base p/n - 19838(f)(t)(l)	12" (305 mm)	$704.55	$704.55
	18" (457 mm)	$740.37	$740.37
	24" (610 mm)	$776.20	$776.20
	30" (762 mm)	$812.02	$812.02
	36" (914 mm)	$847.85	$847.85
	42" (1067 mm)	$883.67	$883.39
	48" (1219 mm)	$907.56	$907.56



Item Price Group: V190

VK548 - Recessed Adj.	Length (L) - A Dimension[1]	LIST PRICES and Available Finishes: Polished Chrome (F_)	White (M_/W)
base p/n - 19833(f)(t)(l)	12" (305 mm)	$704.55	$704.55
	18" (457 mm)	$740.37	$740.37
	24" (610 mm)	$776.20	$776.20
	30" (762 mm)	$812.02	$812.02
	36" (914 mm)	$847.85	$847.85
	42" (1067 mm)	$883.67	$883.67
	48" (1219 mm)	$907.56	$907.56



(1) Additional lengths available on special request (FM Approved, 12-48").
(2) Plain barrel and standard adjustable use a pipe wrench on inlet housing.

Additional Ordering Information VK547/549/548

Available Temp. Ratings / Suffix

165°F (74°C) = C
205°F (96°C) = E
280°F (138°C) = G *
** N/A with VK548*

Recessed Wrench for VK545 Model [2]

19748W/B $173.09

Dry ELO Replacement Escutcheons

Std. Adjustable
19730F $7.52
19730M/W $7.52
Rec. Adjustable
19728F $7.52
19728M/W $7.52

VIKING DRY SPRINKLER ORDER FORM

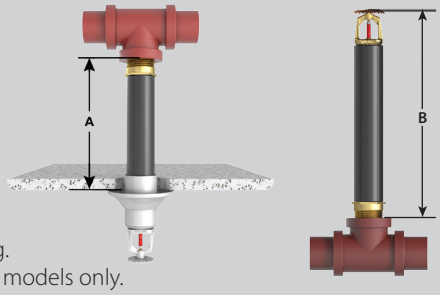
Customer: _____ Ship to: _____

Date: _____ _____

PO#/Job: _____ _____

Dry sprinklers are custom made and NOT RETURNABLE.
Please follow these steps to ensure an accurate order

1. Check the desired SIN (Sprinkler Identification Number).
2. Check desired sprinkler finish and temperature.
   (Circle temp and finish for fusible link models.)
3. Enter A or B dimensions - see page 2 for dimensional references.
4. Enter order quantity.



A Dimension is the distance from the face of the fitting (tee) to desired finished surface of ceiling.
B Dimension is the distance from the face of the fitting (tee) to the top of the deflector - upright models only.

Standard Adjustable

Pendent
- ☐ VK154 (SR)
- ☐ VK163 (SR LO)
- ☐ VK176 (QR)
- ☐ VK177 (QR LO)
- ☐ VK286 (QR LO*)

*Fusible Link 165° 205° 280° *(Circle temp)*

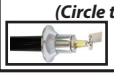
ELO Pendent
- ☐ VK546 (SR ELO)*
- ☐ VK549 (QR ELO)*

*Fusible Link 165° 205° 280° Brass Chrome White *(Circle temp and finish)* Lengths in 6" increments, 12"-28"

Note: Insulating boot included.

Horizontal Sidewall
- ☐ VK156 (SR)
- ☐ VK2523 (SR OH)
- ☐ VK178 (QR)
- ☐ VK2773 (QR OH)
- ☐ VK2883 (QR OH*)

*Fusible Link 165° 205° 280° *(Circle temp)*



Vertical Sidewall
- ☐ VK 157 (SR)*

*Available in Chrome only

Finish
- ☐ Chrome (**F**)
- ☐ White (**M**)
- ☐ White w/chrome escutcheon & sleeve (**MF**)
- ☐ ENT (**JN**)

Temperature
- ☐ 155°F (68°C) (**B**)
- ☐ 175°F (79°C) (**D**)
- ☐ 200 °F (93°C) (**E**)
- ☐ 286°F (141°C) (**G**)

Lengths in ½" increments

Recessed Flush

Pendent
- ☐ VK482 (QR)

Finish
- ☐ White Polyester (**M-/W**)

Temperature
- ☐ 165°F (74°C) (**C**)
- ☐ 205 °F (96°C) (**E**)

Lengths in ¼" increments

Recessed Adjustable

Pendent
- ☐ VK158 (SR)
- ☐ VK164 (SR LO)
- ☐ VK186 (SR**)
- ☐ VK169 (SR***)
- ☐ VK180 (QR)
- ☐ VK181 (QR LO)
- ☐ VK186 (QR**)
- ☐ VK290 (QR LO*)

*Fusible Link 165° 205°
**Ext. Coverage 155° 175° *(Circle temp)*
***Stainless Steel

ELO Pendent
- ☐ VK545 (SR ELO)*
- ☐ VK548 (QR ELO)*

*Fusible Link 165° 205° 280° Brass Chrome White *(Circle temp and finish)* Lengths in 6" increments, 12"-28"

Note: Insulating boot included.

Horizontal Sidewall
- ☐ VK162 (SR)
- ☐ VK2543 (SR OH)
- ☐ VK188 (SR**)
- ☐ VK182 (QR)
- ☐ VK2793 (QR OH)
- ☐ VK188 (QR**)
- ☐ VK2923 (QR OH*)

*Fusible Link 165° 205°
**Ext. Coverage 155° 175° *(Circle temp)*

Vertical Sidewall
- ☐ VK161 (SR)

Finish
- ☐ Chrome (**F**)
- ☐ White (**M**)
- ☐ ENT (**JN**)

Temperature
- ☐ 155°F (68°C) (**B**)
- ☐ 175°F (79°C) (**D**)
- ☐ 200 °F (93°C (**E**)

Lengths in ¼" increments

Concealed

Pendent
- ☐ VK190 (SR)
- ☐ VK192 (SR LO)
- ☐ VK196 (SR**)
- ☐ VK194 (QR)
- ☐ VK196 (QR***)

**SR Ext Cov 155°
***QR Ext Cov 135° 155° 175° *(Circle temp)*

Finish
- ☐ Chrome (**F**)
- ☐ White (**M**)
- ☐ Ivory (**M-/I**)
- ☐ Black (**M-/B**)

Temperature

Sprinklers
- ☐ 155°F (68°C) (**B**)
- ☐ 175°F (79°C) (**D**)
- ☐ 200 °F (93°C) (**E**)

Covers
- ☐ 135°F (57°C) (**A**)
- ☐ 165°F (74°C) (**C**)

Lengths in ¼" increments

Plain Barrel

Pendent
- ☐ VK150 (SR)
- ☐ VK166 (SR LO)
- ☐ VK168 (SR**)
- ☐ VK172 (QR)
- ☐ VK173 (QR LO)
- ☐ VK282 (QR LO*)

*Fusible Link 165° 205° 280° *(Circle temp)*
**Stainless Steel

ELO Pendent
- ☐ VK544 (SR ELO)*
- ☐ VK547 (QR ELO)*

*Fusible Link 165° 205° 280° Brass Chrome White *(Circle temp and finish)* Lengths in 6" increments, 12"-48"

Note: Insulating boot included.

Horizontal Sidewall
- ☐ VK152 (SR)
- ☐ VK2503 (SR OH)
- ☐ VK174 (QR)
- ☐ VK2753 (QR OH)
- ☐ VK2843 (QR OH*)

*Fusible Link (165°, 205°, 280°) *(Circle temp)*

Vertical Sidewall
- ☐ VK153 (SR)

Upright
- ☐ VK160 (SR)*
- ☐ VK184 (QR)*

*Available in Brass only

Finish
- ☐ Chrome (**F**)
- ☐ Brass (**A**)
- ☐ ENT (**JN**)

Temperatures
- ☐ 155°F (68°C) (**B**)
- ☐ 175°F (79°C) (**D**)
- ☐ 200 °F (93°C) (**E**)
- ☐ 286°F (141°C) **G**)

Lengths in ½" increments

A or B Dim:	Qty:

All part numbers listed are NPT thread size.

Quantity	A/B Dim	SIN

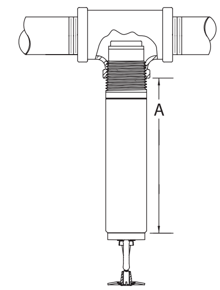
Determining A and B Dimensions

Dry sprinklers are customer specific products and are NOT RETURNABLE. Any changes made after order submission are subject to charges for manufacturing processes completed at the time of change or cancellation. These charges could be equal to the value of the original order. Please check the information carefully before ordering. Refer to Viking Technical Data for detailed product information.

Authorized by: ______________________________
(Customer Signature)

For "A" Dimension:

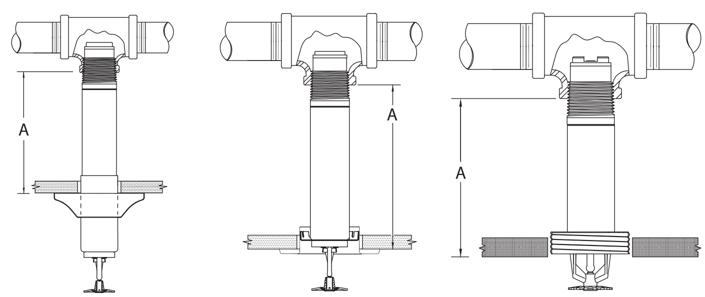
Plain Barrel Pendent and HSW



1. Determine distance from face of the tee to the base of the sprinkler.

2. Round up to next highest ½" (13 mm) increment between 3" (76 mm) and 47" (1194 mm).

Standard Adjustable, Recessed Adjustable, Domed Concealed Pendent and HSW

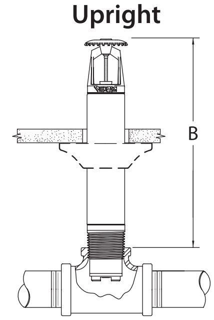


For "A" Dimension:

1. Determine the distance from the face of tee to the surface of finished ceiling or wall.
2. • For Standard Adjustable round to the nearest 1/2" (13 mm) between 1-1/2" and 45-1/2" (38 mm and 1156 mm).
   • For Recessed Adjustable round to the nearest 1/4" (6 mm) between 3-1/4" and 47-1/2" (83 mm and 1207mm).
   • For Domed Concealed round to the nearest 1/4" (6 mm) between 4" and 48-1/4" (102 mm and 1226 mm).

For "B" Dimension:

Plain Barrel Upright



1. Determine the distance from the face of the tee to the top of the sprinkler deflector.

2. Round to the nearest ½" (13 mm) increment between 4-½" and 48-½" (114 mm and 1232 mm).

Section H
Sprinkler Accessories

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Commercial and Residential Cover Plates ..... H-7 and H-8
Residential Cover Plates H-9
Ceiling Rings for Flush Pendent Sprinklers H-10

Notes

1. When ordering sprinkler escutcheons and other accessories, add the desired finish suffix to the base part number.
2. Cover plates, escutcheons, and sprinklers are available in custom colors at an additional charge. See page F-8 for details.
3. Refer to Viking technical data pages for complete product specifications. You may print or download technical data by visiting www.vikinggroupinc.com.
4. List prices effective January 12, 2019. Supersedes June 2018 list price book.
5. All sales by Viking are subject to the Terms & Conditions found on the last page of this book.

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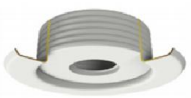
Recessed Escutcheons

Recessed Escutcheon
Model E-1 (slip-on)
(includes cup & adapter)
(OD = 3-1/16" / 78 mm)

Finish	Size	Part #	IPG	List Price
Bright Brass	1/2"	06419AB	V201	$38.09
Polished Chrome	1/2"	06419AF	V200	$8.04
White	1/2"	06419AM/W	V200	$8.04
Black	1/2"	06419AM/B	V201	$16.65
Bright Brass	3/4"	20369B	V201	$38.09
Polished Chrome	3/4"	20369F	V200	$8.07
White	3/4"	20369M/W	V200	$8.07
Black	3/4"	20369M/B	V201	$16.65
Polished Chrome	3/8"	11123F	V200	$8.07
White	3/8"	11123M/W	V200	$8.07
Stainless Steel				
Polished Chrome	1/2"	07902F	V201	$32.73
White	1/2"	07902M/W	V201	$32.73
Nickel PTFE (ENT)	1/2"	07902JN	V188.A	$61.52
Polished Chrome	3/4"	20123F	V201	$32.73
White	3/4"	20123M/W	V201	$32.73
Nickel PTFE (ENT)	3/4"	20123JN	V188.A	$61.52



Threaded Escutcheon
Model E-2 (thread-on)
(includes cup & adapter)
(OD = 3-1/8" / 80 mm)

Finish	Size	Part #	IPG	List Price
Polished Chrome	1/2"	11038F	V200	$8.07
White	1/2"	11038M/W	V200	$8.07
Black	1/2"	11038M/B	V200	$13.40
Polished Chrome	3/4"	20130F	V200	$8.07
White	3/4"	20130M/W	V200	$8.07
Black	3/4"	20130M/B	V200	$10.28

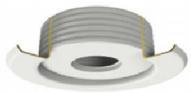
Model E-3 (thread-on)
For use in seismic areas
(OD = 5-1/8" / 130 mm)

Finish	Size	Part #	IPG	List Price
Polished Chrome	1/2"	18347F	V200	$23.58
White	1/2"	18347M/W	V200	$23.58
Polished Chrome	3/4"	18348F	V200	$23.58
White	3/4"	18348M/W	V200	$23.58

Recessed Escutcheons -- XT1 Sprinklers

Recessed Escutcheon
Model NP-1 (slip-on)
(includes cup & adapter)
(OD = 3-1/16" / 78 mm)

Finish	Size	Part #	IPG	List Price
Bright Brass	1/2"	22066B	V201	$38.09
Polished Chrome	1/2"	22066F	V200	$8.04
White	1/2"	22066M/W	V200	$8.04
Black	1/2"	22066M/B	V201	$16.65
Bright Brass	3/4"	22071B	V201	$38.09
Polished Chrome	3/4"	22071F	V200	$8.07
White	3/4"	22071M/W	V200	$8.07
Black	3/4"	22071M/B	V201	$16.65
Stainless Steel				
Polished Chrome	1/2"	22076F	V201	$32.81
White	1/2"	22076M/W	V201	$32.81
Nickel PTFE (ENT)	1/2"	22076JN	V188.A	$61.51
Polished Chrome	3/4"	22077F	V201	$32.81
White	3/4"	22077M/W	V201	$32.81
Nickel PTFE (ENT)	3/4"	22077JN	V188.A	$61.51



Threaded Escutcheon
Model NP-2 (thread-on)
(includes cup & adapter)
(OD = 3-1/8" / 80 mm)

Finish	Size	Part #	IPG	List Price
Polished Chrome	1/2"	22067F	V200	$8.07
White	1/2"	22067M/W	V200	$8.07
Polished Chrome	3/4"	22072F	V200	$8.07
White	3/4"	22072M/W	V200	$8.07

Threaded Escutcheon
Model NP-3 (thread-on)
(includes cup & adapter)
(OD = 5-1/8" / 130 mm)

Finish	Size	Part #	IPG	List Price
Polished Chrome	1/2"	22068F	V200	$23.64
White	1/2"	22068M/W	V200	$23.64
Polished Chrome	3/4"	22073F	V200	$23.64
White	3/4"	22073M/W	V200	$23.64

Adjustable Escutcheon -- XT1 Sprinklers

Model NP-4 (slip-on)
(includes cup & adapter)
(OD = 3-1/16" / 78 mm)

Finish	Size	Part #	IPG	List Price
Polished Chrome	1/2"	22069F	V200	$8.07
White	1/2"	22069M/W	V200	$8.07
Polished Chrome	3/4"	22074F	V200	$8.07
White	3/4"	22074M/W	V200	$8.07

Surface Mount Escutcheons

Standard Flat Escutcheon
Surface-Mounted
(OD = 2-3/4" / 70 mm)

Finish	Size	Part #	IPG	List Price
Bright Brass	1/2"	02960AB	V202	$26.41
Polished Chrome	1/2"	02960AF	V202	$5.28
White	1/2"	02960AM/W	V202	$5.28
Black	1/2"	02960AM/B	V202	$10.44
Bright Brass	3/4"	05464AB	V202	$32.05
Polished Chrome	3/4"	05464AF	V202	$5.28
White	3/4"	05464AM/W	V202	$5.28
Stainless Steel				
Polished Chrome	1/2"	07526F	V201	$16.10
White	1/2"	07526M/W	V201	$16.10
Nickel PTFE (ENT)	1/2"	07526JN	V188.A	$36.17
Polished Chrome	3/4"	09596F	V201	$18.14
White	3/4"	09596M/W	V201	$18.14
Nickel PTFE (ENT)	3/4"	09596JN	V188.A	$36.17

Standard Flat Escutcheon
Surface-Mounted
(OD = 3-5/16" / 84 mm)

Finish	Size	Part #	IPG	List Price
Bright Brass	1/2"	01960AB	V202	$7.38
Polished Chrome	1/2"	01960AF	V202	$7.38
Polished Chrome	3/4"	01015AF	V202	$10.02
Stainless Steel				
Polished Chrome	1/2"	09488F	V201	$19.79

Std Raised Escutcheon
Surface-Mounted
(OD = 3-1/16" / 78 mm)

Polished Chrome	1/2"	01961BF	V202	$9.38
Polished Chrome	3/4"	01016AF	V202	$9.38

Dry Sprinkler Replacement Escutcheons

Dry Sprinkler Escutcheon
(included with dry sprinkler)
(outer cup only)
For recessed adjustable

Finish	Part #	IPG	List Price
Polished Chrome	05459AF	V204	$5.46
White	05459AM/W	V204	$5.46
For stainless steel recessed adjustable dry pendent			
Polished Chrome	07529F	V204	$13.16
White	07529M/W	V204	$13.16

Dry Sprinkler Escutcheon
(included with dry sprinkler)
For standard adjustable pendent

Finish	Part #	IPG	List Price
Polished Chrome	07741F	V204	$7.52
White	07741M/W	V204	$7.52
For standard adjustable dry sidewall sprinklers			
Polished Chrome	08086F	V204	$7.52
White	08086M/W	V204	$7.52

Additional Escutcheons

Adjustable Escutcheon
Model F-1 (non-recessed)
(includes cup & adapter)
(OD = 3-1/16" / 78mm)

Finish	Size	Part #	IPG	List Price
Bright Brass	1/2"	06911AB	V201	$38.09
Polished Chrome	1/2"	06911AF	V200	$8.07
White	1/2"	06911AM/W	V200	$8.07
Black	1/2"	06911AM/B	V201	$16.65
Bright Brass	3/4"	20371B	V201	$38.09
Polished Chrome	3/4"	20371F	V200	$8.07
White	3/4"	20371M/W	V200	$8.07
Black	3/4"	20371M/B	V201	$16.65

Sloped Ceiling Escutcheon
Model G-1
(includes cup & adapter)
(OD = 4" / 102 mm)

Finish	Size	Part #	IPG	List Price
Bright Brass	1/2"	14315B	V203	$141.13
Polished Chrome	1/2"	14315F	V203	$141.13
White	1/2"	14315M/W	V203	$141.13
Black	1/2"	14315M/B	V203	$141.13
Bright Brass	3/4"	14955B	V203	$141.13
Polished Chrome	3/4"	14955F	V203	$141.13
White	3/4"	14955M/W	V203	$141.13
Black	3/4"	14955M/B	V203	$141.13

Sprinkler Tools and Accessories

Cabinet Wrench and Protective Cap Removal Tool

Residential	*Commercial*	*ELO Cncld*
13619	14031	15466
$29.74	$29.74	$29.74

RED COLOR ** item price group V205*

Cover Plate Installation Tools

Standard Cover	*Large Cover*
14412	14867
$13.11	$13.11

** item price group V205*

Model E-1 Escutcheon Installation Tool

(also removes protective caps - commercial and residential recessed frame style sprinklers)

Part #	List Price
15915	$64.52

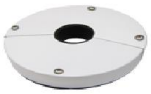
** item price group V205*

The above tools attach to a length of CPVC (1") to enable the removal of protective caps and installation of cover plates and escutcheons from the floor, with the use of a ladder

Expansion Plate

(OD = 5" / 127 mm)
meets seismic requirements for
1 inch annular space around spk

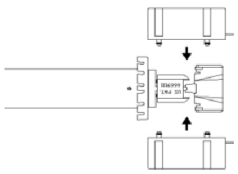
Finish	Size	Part #	IPG	List Price
Use with E1, E2, and F1 escutcheons				
Polished Chrome	5" OD	12620F	V205	$3.77
Painted White	5" OD	12620M/W	V205	$3.77
Painted Black	5" OD	12620M/B	V205	$6.14
Painted Ivory	5" OD	12620M/SW16	V205	$6.14
Bright Brass	5" OD	12620B	V205	$14.70
Brushed Chrome	5" OD	12620F/B	V205	$14.70
Brushed Copper	5" OD	12620E/B	V205	$14.70
Brushed Brass	5" OD	12620B/B	V205	$14.70
Use with domed concealed sprinklers				
Polished Chrome	5" OD	13128F	V205	$3.77
White	5" OD	13128M/W	V205	$3.77



Dry Sprinkler Insulating Boot Assembly

OD = 6" / 152 mm

Finish	Size	Part #	IPG	List Price
White	6" OD	22087M/W	V205	$47.35



Protective Cover Assembly Dry Sidewall Sprinklers

for temporary use on dry HSW sprinklers to help protect the sprinkler while the wall finish work is being completed around the sprinkler.

Description	Part #	IPG	List Price
Dry HSW Protective Cover	15610	V205	$4.43

Inspector's Test Orifice

(Brass)

Size	Part #	IPG	List Price
1/2 in (5.6 K factor)	01120A	V205	$9.83
3/4 in (8.0 K factor)	07116	V205	$14.75

Residential Sprinkler Extensions (brass)

Size	Part #	IPG	List Price
1 in (25.4 mm) - Brass	14959	V205	$11.31
1-1/8 in (28.6 mm) - Brass	14960	V205	$12.38
1-1/4 in (31.8 mm) - Brass	14961	V205	$13.89

Sprinkler Head Cabinets

Red Lacquer Finish
OD = 6" / 152 mm

Capacity	Part #	IPG	List Price
Use with Viking frame-style sprinklers			
6 head capacity	01724A	V205	$189.80
Use with Viking frame-style, K14 ESFR, and K16.8 pendent sprinklers (K25.2 EC sprinkler @ six head capacity)			
12 head capacity	01725A	V205	$201.07
Use with Viking concealed, flush-style, K25 ESFR, and K19.6 CMSA sprinklers			
5-6 head capacity	01731A	V205	$277.19
ESFR upright, High-Challenge, & intermediate level spk			
6 head capacity	03985A	V205	$489.49

Plastic Protective Cap

(fits all recessed sprinklers)

Description	Part #	IPG	List Price
Protective Cap	10364	V205	$0.82

Corroproof Wax

Wax Temperature	Part #	IPG	Price/Lb.
165°F / 74°C	02568A	V205	$94.52
175°F / 79°C	04146A	V205	$94.52
200°F / 93°C	04146A	V205	$94.52
220°F / 104°C	02569A	V205	$94.52

Sprinkler Guards and Water Shields

Model F-1 Pendent Water Shield (chrome)

Size	Part #	List Price
1/2"	10323	$4.75
3/4"	10324	$4.75
Stainless Steel		
1/2"	14683	$12.76
3/4"	14684	$12.76

** Use alone or with sprinkler guard*

IPG V206

Model E-1 Upright Water Shield (chrome)

Size	Part #	List Price
1/2"	10326	$4.75
3/4"	10326	$4.75
Stainless Steel		
1/2"	14682	$12.76
3/4"	14682	$12.76

** Use with Model D-1 sprinkler guard*

IPG V206

Model D-1 Upright/Pendent Guard (chrome)

Size	Part #	List Price
1/2"	10325	$10.17
3/4"	10325	$10.17
Stainless Steel		
1/2"	12198	$57.09
3/4"	12198	$57.09

IPG V206

Model D-1 ELO Upright/Pendent Guard (chrome)

Size	Part #	List Price
3/4"	20418	$10.17

IPG V206

Model A-1 Sprinkler Guard

Size	Part #	List Price
1/2"	05446A	$10.17
3/4"	21934	$10.28

bright zinc

IPG V206

Model B-1 Upright Water Shield & Guard Assembly

Size	Part #	List Price
1/2"	05866A	$14.93

bright zinc

IPG V206

Model C-1 Pendent Water Shield

Size	Part #	List Price
1/2"	06467B	$4.75
3/4"	06656B	$4.75

bright zinc

IPG V206

Model C-1 Sprinkler Guard

Size	Part #	List Price
1/2" / 3/4"	06471A	$10.17

** Use with Model C-1 water shield*

bright zinc

IPG V206

Model C-1 Pendent Water Shield & Guard Assembly

Size	Part #	List Price
1/2"	06509A	$14.93
3/4"	06682A	$14.93

bright zinc

IPG V206

Dry Sprinkler Guard

Size	Part #	List Price
-	08954	$30.26

** Not listed or approved*

bright zinc

IPG V206

Model XG Sprinkler Guard

Size	Part #	List Price
1/2" / 3/4"	22931	$10.17

IPG V206

Model XWU Upright Water Shield

Size	Part #	List Price
-	22937	$4.75

**Must be used with Model XG Guard*

IPG V206

Sprinkler Wrenches

Use w/ frame-style sprinklers and spray nozzles

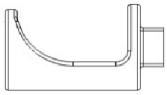
Part #	List
21475M/B	$75.37

Use VK480 (residential) and VK680 (EC commercial) flat plate concealed HSW sprinklers

Part #	List
16208W/R	$145.25

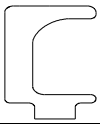
Use w/ domed concealed pendent, wax coated, and recessed pendent sprinklers w/ protective shields

Part #	List
13577W/B	$145.25



Use w/ recessed sprinklers with protective shields and domed concealed sprinklers

Part #	List
13655W/B	$145.25

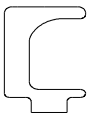


Use w/ coated, recessed, and domed concealed ELO sprinklers

Part #	List
11663W/B	$145.25

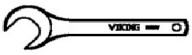
Use w/ High Challenge®, upright ESFR, and ELO sprinklers

Part #	List
05118CW/B	$145.25



Use w/ coated and recessed K14 ECOH sprinklers

Part #	List
13032W/B	$145.25



Use w/ standard adjustable and plain barrel dry sprinklers, K16.8 and K14 ECOH sprinklers

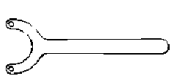
Part #	List
07297W/B	$113.16

Use w/ ESFR and CMSA pendent storage sprinklers

Part #	List
13635W/B	$136.24

Use w/ institutional flush sprinklers (for installation of escutcheon plate)

Part #	List
10551W/B	$49.59



Use w/ institutional flush sprinklers (for removal of escutcheon plate)

Part #	List
10729	$173.38

Use with wax coated frame-style sprinklers and spray nozzles

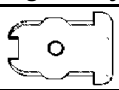
Part #	List
10896W/B	$75.37

Heavy Duty

Use w/ Mirage® concealed and flush-style sprinklers

Part #	List
08336W/B	$145.25

Light Duty



Use w/ Mirage® concealed and flush-style sprinklers

Part #	List
10366W/B	$34.35

Heavy Duty

Use w/ Freedom® residential concealed pendent sprinklers (VK456, VK474)

Part #	List
13623W/B	$145.25

Light Duty

Use w/ Freedom® residential concealed pendent sprinklers (VK456, VK474)

Part #	List
13619	$29.74

Heavy Duty

Use w/ Mirage® commercial concealed pendent sprinklers

Part #	List
14047W/B	$145.25

Light Duty

Use w/ Mirage® commercial concealed pendent sprinklers

Part #	List
14031	$29.74

Heavy Duty

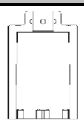
Use with Mirage® ELO K11.2 commercial concealed pendent sprinklers

Part #	List
15467W/B	$145.25

Light Duty

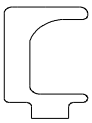
Use with Mirage® ELO K11.2 commercial concealed pendent sprinklers

Part #	List
15466	$29.74



Use w/ VK476 Freedom® residential flush-style pendent sprinkler

Part #	List
15209W/R	$145.25



Use w/ recessed and domed concealed dry sprinklers

Part #	List
07565W/B	$145.25

** NOTE: All installation wrenches are in item price group V207*

Sprinkler Wrenches

	Standard wrench for use with new XT1 frame-style sprinklers	**Part #** 22055 **List** $75.37
	Staight Wrench for XT1 frame-style sprinklers	**Part #** 22940MB **List** $75.37
	Recessed socket wrench for use with XT1 frame-style sprinklers	**Part #** 20951M/B **List** $145.25
	Cabinet wrench for use with new XT1 frame-style sprinklers	**Part #** 20901M/B **List** $75.37
	XT1 Sprinkler Guard Wrench (red)	**Part #** 22927MR **List** $92.47

** NOTE: All installation wrenches are in item price group V207*

Cover Plates - Commercial and Residential Concealed Sprinklers

Standard Cover Plate

Diameter = 2-3/4 inches

Use w/ VK461, 462, 463, 464, 465

Finish	Temp	Part #	IPG	List
Polished Chrome	135°F	13504FA	V208	$34.90
Polished Chrome	165°F	13504FC	V208	$34.90
White	135°F	13504MA/W	V208	$34.90
White	165°F	13504MC/W	V208	$34.90
Ivory	135°F	13504MA/I	V209	$43.67
Ivory	165°F	13504MC/I	V209	$43.67
Black	135°F	13504MA/B	V209	$43.67
Black	165°F	13504MC/B	V209	$43.67
Bright Brass	135°F	13504BA	V209	$43.67
Bright Brass	165°F	13504BC	V209	$43.67
Brushed Brass	135°F	13504BA/B	V209	$43.67
Brushed Brass	165°F	13504BC/B	V209	$43.67
Antique Brass	135°F	13504BA/A	V209	$43.67
Antique Brass	165°F	13504BC/A	V209	$43.67
Brushed Copper	135°F	13504EA/B	V209	$43.67
Brushed Copper	165°F	13504EC/B	V209	$43.67
Brushed Chrome	135°F	13504FA/B	V209	$43.67
Brushed Chrome	165°F	13504FC/B	V209	$43.67

Large Cover Plate

Diameter = 3-5/16 inches

Use w/ VK461, 462, 463, 464, 465

Finish	Temp	Part #	IPG	List
Polished Chrome	135°F	13642FA	V208	$34.90
Polished Chrome	165°F	13642FC	V208	$34.90
White	135°F	13642MA/W	V208	$34.90
White	165°F	13642MC/W	V208	$34.90
Ivory	135°F	13642MA/I	V209	$43.67
Ivory	165°F	13642MC/I	V209	$43.67
Black	135°F	13642MA/B	V209	$43.67
Black	165°F	13642MC/B	V209	$43.67
Bright Brass	135°F	13642BA	V209	$43.67
Bright Brass	165°F	13642BC	V209	$43.67
Brushed Brass	135°F	13642BA/B	V209	$43.67
Brushed Brass	165°F	13642BC/B	V209	$43.67
Antique Brass	135°F	13642BA/A	V209	$43.67
Antique Brass	165°F	13642BC/A	V209	$43.67
Brushed Copper	135°F	13642EA/B	V209	$43.67
Brushed Copper	165°F	13642EC/B	V209	$43.67
Brushed Chrome	135°F	13642FA/B	V209	$43.67
Brushed Chrome	165°F	13642FC/B	V209	$43.67

Square Cover Plate

L x W = 3-5/16 inches

Use w/ VK461, 462, 463, 464, 465

Finish	Temp	Part #	IPG	List
Polished Chrome	135°F	15394FA	V210	$60.07
Polished Chrome	165°F	15394FC	V210	$60.07
White	135°F	15394MA/W	V210	$57.66
White	165°F	15394MC/W	V210	$57.66
Ivory	135°F	15394MA/I	V210	$57.66
Ivory	165°F	15394MC/I	V210	$57.66
Black	135°F	15394MA/B	V210	$57.66
Black	165°F	15394MC/B	V210	$57.66
Bright Brass	135°F	15394BA	V210	$70.32
Bright Brass	165°F	15394BC	V210	$70.32
Brushed Brass	135°F	15394BA/B	V210	$70.32
Brushed Brass	165°F	15394BC/B	V210	$70.32
Antique Brass	135°F	15394BA/A	V210	$70.32
Antique Brass	165°F	15394BC/A	V210	$70.32
Brushed Copper	135°F	15394EA/B	V210	$70.32
Brushed Copper	165°F	15394EC/B	V210	$70.32
Brushed Chrome	135°F	15394FA/B	V210	$70.32
Brushed Chrome	165°F	15394FC/B	V210	$70.32

Mirage ELO Cover Plate

Diameter = 3-5/16 inches

** For use with VK469/VK636/VK538*

Finish	Temp	Part #	IPG	List
Polished Chrome	135°F	15765FA	V208	$34.90
Polished Chrome	165°F	15765FC	V208	$34.90
White	135°F	15765MA/W	V208	$34.90
White	165°F	15765MC/W	V208	$34.90
Ivory	135°F	15765MA/I	V209	$43.67
Ivory	165°F	15765MC/I	V209	$43.67
Black	135°F	15765MA/B	V209	$43.67
Black	165°F	15765MC/B	V209	$43.67

Cleanroom Cover Assembly

Diameter = 3-5/16 inches
cULus listed

For use with VK462 and VK464 only

Gasket color is white

- *Provides seal for cleanroom and clean zone environments*
- *VK462 retains QR listing with cleanroom cover plate installed*
- *Cover plate available in 135°F and 165°F temperature rating*
- *Also listed for use with Mirage-MRI room sprinkler*

Finish	Temp	Part #	IPG	List
Polished Chrome	135°F	13642FA/CR	V211	$90.93
Polished Chrome	165°F	13642FC/CR	V211	$90.93
White	135°F	13642MA/W/CR	V211	$90.93
White	165°F	13642MC/W/CR	V211	$90.93
Ivory	135°F	13642MA/I/CR	V211	$90.93
Ivory	165°F	13642MC/I/CR	V211	$90.93
Black	135°F	13642MA/B/CR	V211	$90.93
Black	165°F	13642MC/B/CR	V211	$90.93

Commercial Cover Plates / Accessories

Domed Cover - PENDENT

VK102-D, 202-D, 614-D, 616-D, 618-D
302-D, 352-D, 353-D & dry concealed spk

Finish	Temp	Part #	IPG	List
Chrome	135°F	12381FA	V214	$38.29
Chrome	165°F	12381FC	V214	$38.29
Painted White	135°F	12381MA/W	V214	$38.29
Painted White	165°F	12381MC/W	V214	$38.29
Painted Ivory	135°F	12381MA/I	V214	$48.64
Painted Ivory	165°F	12381MC/I	V214	$48.64
Painted Black	135°F	12381MA/B	V214	$48.64
Painted Black	165°F	12381MC/B	V214	$48.64
Bright Brass	135°F	12381BA	V214	$48.64
Bright Brass	165°F	12381BC	V214	$48.64

Domed Cover - SIDEWALL

For use with VK630-D
ECLH sidewall sprinkler

Finish	Temp	Part #	IPG	List
Chrome	135°F	13501FA	V214	$38.29
Chrome	165°F	13501FC	V214	$38.29
Painted White	135°F	13501MA/W	V214	$38.29
Painted White	165°F	13501MC/W	V214	$38.29
Painted Ivory	135°F	13501MA/I	V214	$48.64
Painted Ivory	165°F	13501MC/I	V214	$48.64
Painted Black	135°F	13501MA/B	V214	$48.64
Painted Black	165°F	13501MC/B	V214	$48.64

REPLACEMENT Cover Plates - HorizonMirage® (Model B) Commercial Concealed Sprinklers

Model B Replacement Cover

Std Diameter (OD = 2-3/4 in)
Item Price Group V212

Finish	Temp	Part #	List Price
Polished Chrome	165°F	09804FC	$47.94
Painted White	165°F	09804MC/W	$47.94
Brushed Chrome	165°F	09804FC/B	$58.46
Painted Ivory	165°F	09804MC/I	$58.46
Painted Black	165°F	09804MC/B	$58.46
Bright Brass	165°F	09804BC	$61.18

Model B Replacement Cover

Large Diameter (OD = 3-5/16 in)
Item Price Group V212

Finish	Temp	Part #	List Price
Polished Chrome	135°F	11697FA	$47.83
Polished Chrome	165°F	11697FC	$47.83
Painted White	135°F	11697MA/W	$47.83
Painted White	165°F	11697MC/W	$47.83
Brushed Chrome	135°F	11697FA/B	$47.83
Brushed Chrome	165°F	11697FC/B	$47.83
Painted Ivory	135°F	11697MA/I	$58.46
Painted Ivory	165°F	11697MC/I	$58.46
Painted Black	135°F	11697MA/B	$58.46
Painted Black	165°F	11697MC/B	$58.46
Bright Brass	135°F	11697BA	$58.46
Bright Brass	165°F	11697BC	$58.46

Stainless Steel Cover Plates

Diameter = 2-3/4 "

*For use with VK462 and VK494***

Finish	Temp	Part #	IPG	List
Stainless Steel	135°F	21876A	V192	$124.23
Stainless Steel	165°F	21876C	V192	$124.23

Diameter = 3-5/16"

*For use with VK462 and VK494***

Finish	Temp	Part #	IPG	List
Stainless Steel	135°F	21875A	V192	$124.23
Stainless Steel	165°F	21875C	V192	$124.23

For use with VK538

Finish	Temp	Part #	IPG	List
Stainless Steel	135°F	21878A	V192	$124.23
Stainless Steel	165°F	21878C	V192	$124.23

** Cover plates are ordered separately. Cover plates also available in custom finishes (see page F-8)*
*** VK494 to be used with 135°F temperature-rated cover plate only.*

Additional Freedom® Residential Cover Plates

Residential Domed Cover

Freedom® Residential Domed Concealed Pendent Sprinklers

Finish	Temp	Part #	IPG	List
Chrome	135°F	12207FA	V214	$70.75
White	135°F	12207MA/W	V214	$38.29
Ivory	135°F	12207MA/I	V214	$48.64
Black	135°F	12207MA/B	V214	$48.64
Bright Brass	135°F	12207BA	V214	$48.64
Brushed Brass	135°F	12207BA/B	V214	$48.64
Antique Brass	135°F	12207BA/A	V214	$48.64
Antique Copper	135°F	12207EA/B	V214	$48.64

VK480 / VK490 / VK680 / VK481 Cover
Flat Concealed HSW Spk

Diameter = 3-5/16 inches

Finish	Temp	Part #	IPG	List Price
White	135°F	16207MA/W	V213	$40.61
Ivory	135°F	16207MA/I	V213	$48.82
Black	135°F	16207MA/B	V213	$48.82
Cover Installation Tool		14867	V205	$13.11

REPLACEMENT Cover Plates - "Model B" Residential Sprinklers (obsolete)

Model B Replacement Cover

For use with obsolete residential concealed sprinkler (VK425)

Finish	Temp	Part #	IPG	List Price
Chrome	135°F	10786FA	V212	$70.45
Painted White	135°F	10786MA/W	V212	$70.45
Brushed Chrome	135°F	10786FA/B	V212	$85.86
Painted Ivory	135°F	10786MA/I	V212	$85.86
Painted Black	135°F	10786MA/B	V212	$85.86
Bright Brass	135°F	10786BA	V212	$85.86

Ceiling Rings for Flush-Style Pendent Sprinklers

Replacement Ceiling Rings
VK478 - Commercial Flush Pendent Sprinkler
VK476 - Residential Flush PendentSprinkler

VK476 and VK478 sprinklers include ceiling ring standard with the sprinkler at no extra cost. The ceiling rings below are offered separately for service and maintenance requirements.

Finish	Part #	IPG	List Price
Painted White	16580M/W	V185	$14.35
RAL9010 / Pure White	16580M/RAL9010	V185	$14.35

Ceiling Ring[1] for Model H-1 Flush Sprinkler

Outside Diameter = 2-11/16 inches				
Finish	**Type**	**Part #**	**IPG**	**List Price**
Chrome	Push	07027F	V185	$8.11
Chrome	Thread	06919BF	V128	$8.28
Painted White	Push	07027M/W	V185	$8.53
Painted White	Thread	06919BM/W	V128	$8.68
Outside Diameter = 3 in. (push on), 3-1/4 in. (thread on)				
Finish	**Type**	**Part #**	**IPG**	**List Price**
Chrome	Push	07626F	V185	$8.28
Chrome	Thread	06905BF	V128	$14.07
Painted White	Push	07626M/W	V185	$8.69
Painted White	Thread	06905BM/W	V128	$14.43

(1) Ceiling rings for Horizon Model H-1 flush pendent sprinklers (VK402) are sold separately.

Viking Corporation
210 N. Industrial Park Drive
Hastings, MI 49058 U.S.A

Phone: (269) 945-9501
Toll Free: (800) 968-9501
Fax: (269) 945-9599
Web: www.vikinggroupinc.com

Notes

Section I
Spray Nozzles / Window Sprinklers

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Model M Spray Nozzles, Model A/B/C Spray Nozzles, Plastic Dust Covers.....I-2

Notes

1. Refer to Viking technical data pages for complete product specifications. You may print or download technical data by visiting www.vikinggroupinc.com.
2. List prices effective January 12, 2019. Supersedes June 2018 list price book.
3. All sales by Viking are subject to the Terms & Conditions found on the last page of this book.

DESCRIPTION	SPRAY ANGLE	PART NUMBER	LIST PRICE (each) Brass	Nickel
Finish Suffix[1]			**A**	**J**
MODEL E SPRAY NOZZLE	1/2" / 15mm NPT			
VK810				
K=7.2 (10,4)	65°	12867	$131.85	$188.39
K=5.6 (8,1)	65°	12868	$131.85	$188.39
K=4.1 (5,9)	65°	12869	$131.85	$188.39
K=3.2 (4,6)	65°	12870	$131.85	$188.39
K=2.3 (3,3)	65°	12871	$131.85	$188.39
K=1.8 (2,6)	65°	12872	$131.85	$188.39
K=1.2 (1,7)	65°	12873	$131.85	$188.39
VK811				
K=7.2 (10,4)	80°	12874	$131.85	$188.39
K=5.6 (8,1)	80°	12875	$131.85	$188.39
K=4.1 (5,9)	80°	12876	$131.85	$188.39
K=3.2 (4,6)	80°	12877	$131.85	$188.39
K=2.3 (3,3)	80°	12878	$131.85	$188.39
K=1.8 (2,6)	80°	12879	$131.85	$188.39
K=1.2 (1,7)	80°	12880	$131.85	$188.39
VK812				
K=7.2 (10,4)	95°	12881	$131.85	$188.39
K=5.6 (8,1)	95°	12882	$131.85	$188.39
K=4.1 (5,9)	95°	12883	$131.85	$188.39
K=3.2 (4,6)	95°	12884	$131.85	$188.39
K=2.3 (3,3)	95°	12885	$131.85	$188.39
K=1.8 (2,6)	95°	12886	$131.85	$188.39
K=1.2 (1,7)	95°	12887	$131.85	$188.39
VK813				
K=7.2 (10,4)	110°	12888	$131.85	$188.39
K=5.6 (8,1)	110°	12889	$131.85	$188.39
K=4.1 (5,9)	110°	12890	$131.85	$188.39
K=3.2 (4,6)	110°	12891	$131.85	$188.39
K=2.3 (3,3)	110°	12892	$131.85	$188.39
K=1.8 (2,6)	110°	12893	$131.85	$188.39
K=1.2 (1,7)	110°	12894	$131.85	$188.39
VK814				
K=7.2 (10,4)	125°	12895	$131.85	$188.39
K=5.6 (8,1)	125°	12896	$131.85	$188.39
K=4.1 (5,9)	125°	12897	$131.85	$188.39
K=3.2 (4,6)	125°	12898	$131.85	$188.39
K=2.3 (3,3)	125°	12899	$131.85	$188.39
K=1.8 (2,6)	125°	12900	$131.85	$188.39
K=1.2 (1,7)	125°	12901	$131.85	$188.39
VK815				
K=7.2 (10,4)	140°	12902	$131.85	$188.39
K=5.6 (8,1)	140°	12903	$131.85	$188.39
K=4.1 (5,9)	140°	12904	$131.85	$188.39
K=3.2 (4,6)	140°	12905	$131.85	$188.39
K=2.3 (3,3)	140°	12906	$131.85	$188.39
K=1.8 (2,6)	140°	12907	$131.85	$188.39
K=1.2 (1,7)	140°	12908	$131.85	$188.39
VK816				
K=7.2 (10,4)	160°	12909	$131.85	$188.39
K=5.6 (8,1)	160°	12910	$131.85	$188.39
K=4.1 (5,9)	160°	12911	$131.85	$188.39
K=3.2 (4,6)	160°	12912	$131.85	$188.39
K=2.3 (3,3)	160°	12913	$131.85	$188.39
K=1.8 (2,6)	160°	12914	$131.85	$188.39
K=1.2 (1,7)	160°	12915	$131.85	$188.39
VK817				
K=7.2 (10,4)	180°	12916	$131.85	$188.39
K=5.6 (8,1)	180°	12917	$131.85	$188.39
K=4.1 (5,9)	180°	12918	$131.85	$188.39
K=3.2 (4,6)	180°	12919	$131.85	$188.39
K=2.3 (3,3)	180°	12920	$131.85	$188.39
K=1.8 (2,6)	180°	12921	$131.85	$188.39
K=1.2 (1,7)	180°	12922	$131.85	$188.39
	OPEN=Z			
IPG V216				

DESCRIPTION	SIZE	PART NUMBER	LIST PRICE (each)
Blow Off Plug Use with Model E Spray Nozzles **Packaged 10 plugs per bag**	Kfactor		Price Per Bag
	1.2K	13161	$27.97
	1.8K	13161	$27.97
	2.3K	13161	$27.97
	3.2K	13159	$27.97
	4.1K	13160	$27.97
	5.6K	13161	$27.97
	7.2K	13162	$27.97
IPG V216			

LOW PRESSURE MODEL EM SPRAY NOZZLE[1] VdS Approved	Spray Angle		LIST PRICE (each) Brass A	Nickel J
K=0.8 (12 LPM/Bar^1/2)	125°	13633	$149.82	$213.86
K=0.5 (7 LPM/Bar^1/2)	95°	13872	$149.82	$213.86
	OPEN=Z			
IPG V216				

DUST COVER MODEL EM SPRAY NOZZLE			LIST PRICE (each)
	Stainless Steel	13632	$163.81

DESCRIPTION	MODEL NUMBER (SIN)	PART NUMBER	LIST PRICE (each)
Open Window Sprinkler Model C-1 **180° Flat Spray Pattern**	Model No. (SIN)		
Brass	Thread 1/2" NPT		
K=1.5 (2,1)	VK790	01320BA	$81.37
K=2.1 (3,0)	VK791	01321BA	$81.37
K=3.0 (4,3)	VK792	01322BA	$81.37
K=4.3 (6,2)	VK793	01323BA	$81.37
K=5.8 (8,4)	VK794	01324BA	$86.38
	Thread 3/4" NPT		
K=7.3 (10,5)	VK795	01325BA	$90.05
K=8.1 (11,7)	VK796	01326BA	$90.05
Chrome	Thread 1/2" NPT		
K=1.5 (2,1)	VK790	01320BF	$93.38
K=2.1 (3,0)	VK791	01321BF	$93.38
K=3.0 (4,3)	VK792	01322BF	$93.38
K=4.3 (6,2)	VK793	01323BF	$93.38
K=5.8 (8,4)	VK794	01324BF	$97.32
	Thread 3/4" NPT		
K=7.3 (10,5)	VK795	01325BF	$102.04
K=8.1 (11,7)	VK796	01326BF	$102.04
IPG V217			

[1] Add the desired finish suffix to the base part number.

DESCRIPTION	SPRAY ANGLE	MODEL NUMBER (SIN)	PART NUMBER	LIST PRICE (each)
SPRAY NOZZLE [2] Complete with body and insert				
1/2" / 15mm		Brass		
Model A2				
K=1.2 (1,7)	30°	VK740	05133AAJ	$158.44
K=1.2 (1,7)	60°	VK741	05133AAK	$158.44
K=1.2 (1,7)	90°	VK742	15581AL	$158.44
K=1.4 (2,0)	120°	VK743	15581AM	$158.44
K=1.4 (2,0)	140°	VK744	05133AAN	$158.44
Model A2X				
K=2.0 (2,9)	30°	VK750	05134AAJ	$158.44
K=2.0 (2,9)	60°	VK751	05134AAK	$158.44
K=2.0 (2,9)	90°	VK752	05134AAL	$158.44
K=2.2 (3,2)	120°	VK753	05134AAM	$158.44
K=2.2 (3,2)	140°	VK754	05134AAN	$158.44
Model B2				
K=2.8 (4,0)	30°	VK760	05135AAJ	$158.44
K=2.8 (4,0)	60°	VK761	05135AAK	$158.44
K=2.8 (4,0)	90°	VK762	05135AAL	$158.44
K=3.3 (4,8)	120°	VK763	05135AAM	$158.44
K=3.3 (4,8)	140°	VK764	05135AAN	$158.44
Model C2				
K=3.3 (4,9)	30°	VK770	19505AJ	$216.70
K=3.3 (4,9)	60°	VK771	19505AK	$221.20
K=3.8 (5,5)	90°	VK772	19505AL	$217.67
K=3.7 (5,6)	120°	VK773	19505AM	$217.45
K=3.7 (5,6)	140°	VK774	19505AN	$220.22
Model D2				
K=4.3 (6,8)	30°	VK780	19506AJ	$205.77
K=4.8 (6,8)	60°	VK781	19506AK	$210.04
K=5.0 (7,2)	90°	VK782	19506AL	$206.69
K=4.9 (7,5)	120°	VK783	19506AM	$206.47
K=4.9 (7,5)	140°	VK784	19506AN	$209.11
		Nickel		
Model A2				
K=1.2 (1,7)	30°	VK740	05133AJJ	$205.59
K=1.2 (1,7)	60°	VK741	05133AJK	$205.59
K=1.2 (1,7)	90°	VK742	05133AJL	$205.59
K=1.4 (2,0)	120°	VK743	05133AJM	$205.59
K=1.4 (2,0)	140°	VK744	05133AJN	$205.59
Model A2X				
K=2.0 (2,9)	30°	VK750	05134AJJ	$205.59
K=2.0 (2,9)	60°	VK751	05134AJK	$205.59
K=2.0 (2,9)	90°	VK752	05134AJL	$205.59
K=2.2 (3,2)	120°	VK753	05134AJM	$205.59
K=2.2 (3,2)	140°	VK754	05134AJN	$205.59
Model B2				
K=2.8 (4,0)	30°	VK760	05135AJJ	$205.59
K=2.8 (4,0)	60°	VK761	05135AJK	$205.59
K=2.8 (4,0)	90°	VK762	05135AJL	$205.59
K=3.3 (4,8)	120°	VK763	05135AJM	$205.59
K=3.3 (4,8)	140°	VK764	05135AJN	$205.59
Model C2				
K=3.3 (4,9)	30°	VK770	19505JJ	$306.49
K=3.3 (4,9)	60°	VK771	19505JK	$310.98
K=3.8 (5,5)	90°	VK772	19505JL	$307.47
K=3.7 (5,6)	120°	VK773	19505JM	$307.23
K=3.7 (5,6)	140°	VK774	19505JN	$310.00
Model D2				
K=4.3 (6,8)	30°	VK780	19506JJ	$291.02
K=4.8 (6,8)	60°	VK781	19506JK	$295.29
K=5.0 (7,2)	90°	VK782	19506JL	$291.95
K=4.9 (7,5)	120°	VK783	19506JM	$291.73
IPG V219 K=4.9 (7,5)	140°	VK784	19506JN	$294.36

DESCRIPTION	SPRAY ANGLE	PART NUMBER	LIST PRICE (ea) Brass	LIST PRICE (ea) Black PTFE
	Finish Suffix[3]		A	N
FRAME STYLE SPRAY NOZZLE	1/2" / 15mm NPT			
1/2" / 15mm K=5.6 (81)	60°	16948	$66.44	$77.09
	90°	16949	$66.44	$77.09
	120°	16950	$66.44	$77.09
	150°	16951	$66.44	$77.09
7/16" / --- K=4.2 (60)	60°	16952	$70.42	$81.73
	90°	16953	$70.42	$81.73
	120°	16954	$70.42	$81.73
	150°	16955	$70.42	$81.73
3/8" / 10mm K=2.8 (40)	60°	16956	$70.42	$81.73
	90°	16957	$70.42	$81.73
	120°	16958	$70.42	$81.73
	150°	16959	$70.42	$81.73
5/16" / --- K=1.9 (27)	60°	16960	$70.42	$81.73
	90°	16961	$70.42	$81.73
	120°	16962	$70.42	$81.73
	150°	16963	$70.42	$81.73
1/4" / --- K=1.4 (20)	60°	16964	$70.42	$81.73
	90°	16965	$70.42	$81.73
	120°	16966	$70.42	$81.73
	150°	16967	$70.42	$81.73
	Available Temperatures (°F/°C): 135°/57°=A, 155°/68°=B, 175°/79°=D, 200°/93°=E, 286°/141°=G, OPEN=Z			
V218				

Add desired temperature and finish suffix to the base part number.

PLASTIC DUST COVER FOR SPRAY NOZZLES IPG V219	LIST PRICE (each)		PART NUMBER	LIST PRICE (each)
	A2	-	02409A	$2.35
	A2X	-	02409A	$2.35
	B2	-	02409A	$2.35
	C2	-	02410A	$2.35
	D2	-	02410A	$2.35

[2] For installation of Model A2, A2X, B2, C2 and D2 spray nozzles, use standard crescent wrench.
[3] Add the desired finished suffix to the base part number.

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Notes

1. Refer to Viking technical data pages for complete product specifications. You may print or download technical data by visiting www.vikinggroupinc.com.
2. List prices effective January 12, 2019. Supersedes June 2018 list price book.
3. All sales by Viking are subject to the terms & conditions found on the last page of this book.

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NEW - TOTALPAC®3 Integrated Fire Protection Systems

Introduction:

Pricing of the TotalPac3 Product Line are priced by adding various options together until a complete unit is obtained.

A basic system now includes the system valve, its releasing trim and its supporting assembly, whether it is a skid, a remote controlled cabinet without control panel or a self-contained unit with control panel. These are all included under a single part number.

The price list now resembles a matrix which facilitates its use. It is divided into 10 sections and is consistent with the User Manuals:

1. Preaction Systems (Non, Single & Double Interlock);
2. Deluge Systems;
3. Wet Pipe Systems;
4. Dry Pipe Systems (both normal & HP);
5. Cycling Systems (Firecycle III);
6. Surefire Systems.

Followed by:

7. System Options (Shut-off Valve, FD Connection, etc.);
8. VFR-400 Control Panel Options (zones, relays, batteries, etc.);
9. Air Supplies (the usual 4 styles – A,B,C & D), and then,
10. Air Supply Options (Dehydrator, Accelerator, etc.).

To order a TotalPac3:

First, select the type of system required (preaction, deluge, dry, etc…). Then, choose the style of system required (skid mounted, remote controlled or self-contained) and its release system (electric, pneumatic, etc.). Finally, follow this line to the proper part number under the column of the system size (TotalPac3 units are available in 6 sizes: 1½", 2", 3", 4", 6" and 8" diam.). This is the part number that should be ordered. Add the required system options to complete your order.

The Configuration/order Form (doc. # FM-08CD-0-17) uses the same format as the price list.

Provided are additional details on the three styles of TotalPac3 units available:

- Skid Mounted Units: Skid Units include only the basic Valve Trim and its required Releasing Trim. Electrical components have to be wired on-site by the contractor. Grooved or flanged connections are provided for water supply, drain and system riser. Remote releasing control panel and air compressor (if required) have to be purchased separately (*they are not provided by FireFlex Systems Inc.*) and installed by the contractor on-site. Every Skid Unit is supplied with its own User Manual and is also serialized for after sales support. Serial Number format is TOTSxxxx.

- Remote Controlled Units: These units are composed of the basic Valve, Trim and Releasing Trim, enclosed in a sturdy 14 gauge steel cabinet with one or two front doors and a contractor field wiring junction box on top of the cabinet. All electrical components are factory wired to the field wiring terminal strip. Wiring schematics are included on the inside of the front doors. Grooved or flanged connections are provided for water supply, drain and system riser. Four different air supply options are available and factory assembled. Remote releasing control panel, if required, has to be purchased separately (*they are not provided by FireFlex Systems Inc.*) and installed by the contractor on-site. Every Remote Controlled Unit is supplied with a User Manual and is serialized for after sales support. Serial Number format is TOT3xxxx.

- Self-Contained Units: These units are composed of a Remote Controlled Unit as described above, plus a Release Control Panel Enclosure mounted on top of the cabinet. All electrical components are factory wired to the Viking VFR-400 Control Panel, with wiring schematics included on the inside of the front doors. Grooved or flanged connections are provided for water supply, drain and system riser. Four different air supply options are available and factory assembled.

Every self-contained unit is supplied with a User Manual and is serialized for after sales support. Serial Number format is TOT3xxxx.

Refer to the Price List for various options available with each style & system type.

Preaction Systems:

SYSTEM TYPE	STYLE	RELEASE	SYSTEM SIZE					
			1½"	2"	3"	4"	6"	8"
PREACTION NON INTERLOCK	Skid Mounted	Electric	T3PNELSK15 $23,312	T3PNELSK20 $26,540	T3PNELSK30 $29,503	T3PNELSK40 $32,807	T3PNELSK60 $38,418	N/A
		Pneumatic	T3PNPNSK15 $20,562	T3PNPNSK20 $23,789	T3PNPNSK30 $26,752	T3PNPNSK40 $30,057	T3PNPNSK60 $35,700	N/A
	Without Panel (Remote)	Electric	T3PNELNP15 $31,500	T3PNELNP20 $34,727	T3PNELNP30 $37,684	T3PNELNP40 $42,045	T3PNELNP60 $47,629	T3PNELNP80 $69,708
		Pneumatic	T3PNPNNP15 $28,743	T3PNPNNP20 $31,976	T3PNPNNP30 $34,933	T3PNPNNP40 $39,294	T3PNPNNP60 $44,898	T3PNPNNP80 $67,798
	With VFR-400 – 120V/60Hz	Electric	T3PNELWP15 $37,458	T3PNELWP20 $40,685	T3PNELWP30 $43,636	T3PNELWP40 $48,125	T3PNELWP60 $53,620	T3PNELWP80 $76,553
PREACTION SINGLE INTERLOCK	Skid Mounted	Electric	T3PSELSK15 $20,446	T3PSELSK20 $23,673	T3PSELSK30 $26,623	T3PSELSK40 $29,941	T3PSELSK60 $35,571	N/A
		Pneumatic	T3PSPNSK15 $19,171	T3PSPNSK20 $22,239	T3PSPNSK30 $25,055	T3PSPNSK40 $28,209	T3PSPNSK60 $34,527	N/A
	Without Panel (Remote)	Electric	T3PSELNP15 $28,607	T3PSELNP20 $31,802	T3PSELNP30 $34,836	T3PSELNP40 $39,184	T3PSELNP60 $44,802	T3PSELNP80 $65,997
		Pneumatic	T3PSPNNP15 $28,305	T3PSPNNP20 $31,532	T3PSPNNP30 $34,495	T3PSPNNP40 $38,856	T3PSPNNP60 $45,459	T3PSPNNP80 $66,745
	With VFR-400 – 120V/60Hz	Electric	T3PSELWP15 $34,559	T3PSELWP20 $37,761	T3PSELWP30 $40,788	T3PSELWP40 $44,434	T3PSELWP60 $50,580	T3PSELWP80 $73,331
PREACTION DOUBLE INTERLOCK Note: NYFD Accepted & FM Approved for use in refrigerated areas only.	Skid Mounted	Elect-Pneulect.	T3PDEPSK15 $20,517	T3PDEPSK20 $23,744	T3PDEPSK30 $26,701	T3PDEPSK40 $30,005	T3PDEPSK60 $35,648	N/A
		Elect-Pneum.	T3PDPASK15 $21,824	T3PDPASK20 $24,852	T3PDPASK30 $27,641	T3PDPASK40 $30,739	T3PDPASK60 $36,067	N/A
		Pneum-Pneum.	T3PDPPSK15 $20,465	T3PDPPSK20 $23,493	T3PDPPSK30 $26,282	T3PDPPSK40 $29,380	T3PDPPSK60 $34,675	N/A
	Without Panel (Remote)	Elect-Pneulect.	T3PDEPNP15 $28,685	T3PDEPNP20 $31,880	T3PDEPNP30 $34,901	T3PDEPNP40 $39,262	T3PDEPNP60 $44,879	T3PDEPNP80 $65,999
		Elect-Pneum.	T3PDPANP15 $29,490	T3PDPANP20 $32,504	T3PDPANP30 $35,300	T3PDPANP40 $39,423	T3PDPANP60 $44,628	T3PDPANP80 $67,560
		Pneum-Pneum.	T3PDPPNP15 $28,156	T3PDPPNP20 $31,190	T3PDPPNP30 $33,973	T3PDPPNP40 $69,870	T3PDPPNP60 $43,281	T3PDPPNP80 $67,885
	With VFR-400 – 120V/60Hz	Elect-Pneulect.	T3PDEPWP15 $34,643	T3PDEPWP20 $37,838	T3PDEPWP30 $40,859	T3PDEPWP40 $45,336	T3PDEPWP60 $50,947	T3PDEPWP80 $73,333
		Elect-Pneum.	T3PDPAWP15 $35,088	T3PDPAWP20 $38,102	T3PDPAWP30 $40,891	T3PDPAWP40 $45,130	T3PDPAWP60 $50,341	T3PDPAWP80 $74,479

NEW - TOTALPAC®3 Integrated Fire Protection Systems

Deluge Systems:

SYSTEM TYPE	STYLE	RELEASE	SYSTEM SIZE					
			1½"	2"	3"	4"	6"	8"
DELUGE	Skid Mounted	Electric	T3DEELSK15 $19,911	T3DEELSK20 $23,602	T3DEELSK30 $26,520	T3DEELSK40 $28,852	T3DEELSK60 $33,439	N/A
		Pneumatic	T3DEPNSK15 $19,660	T3DEPNSK20 $22,320	T3DEPNSK30 $25,238	T3DEPNSK40 $28,530	T3DEPNSK60 $34,108	N/A
		Hydraulic	T3DEHYSK15 $18,107	T3DEHYSK20 $20,839	T3DEHYSK30 $23,750	T3DEHYSK40 $27,042	T3DEHYSK60 $31,603	N/A

SYSTEM TYPE	STYLE	RELEASE	SYSTEM SIZE					
			1½"	2"	3"	4"	6"	8"
DELUGE	Without Panel (Remote)	Electric	T3DEELNP15 $28,343	T3DEELNP20 $30,991	T3DEELNP30 $33,786	T3DEELNP40 $38,263	T3DEELNP60 $42,818	T3DEELNP80 $62,666
		Pneumatic	T3DEPNNP15 $27,937	T3DEPNNP20 $30,669	T3DEPNNP30 $33,580	T3DEPNNP40 $37,684	T3DEPNNP60 $43,481	T3DEPNNP80 $63,104
		Hydraulic	T3DEHYNP15 $26,449	T3DEHYNP20 $29,181	T3DEHYNP30 $32,092	T3DEHYNP40 $36,447	T3DEHYNP60 $40,995	T3DEHYNP80 $61,992
	With VFR-400 – 120V/60Hz	Electric	T3DEELWP15 $34,302	T3DEELWP20 $37,026	T3DEELWP30 $39,829	T3DEELWP40 $44,434	T3DEELWP60 $48,976	T3DEELWP80 $70,012

Wet Pipe Systems:

WET PIPE	Skid Mounted	N/A	N/A	N/A	T3WETESK30 $11,743	T3WETESK40 $12,529	T3WETESK60 $14,056	N/A
	In Cabinet	N/A	N/A	N/A	T3WETENP30 $20,691	T3WETENP40 $22,700	T3WETENP60 $24,549	T3WETENP80 $29,714
System Options:	Constant Pressure Trim	T3CONPRESS $667		Excess Pressure Pump 1/3 HP (120V/60Hz)		T3WETEPP03 POA		
	Retard Chamber	T3WETRET00 $1,984		Excess Pressure Pump 1/2 HP (120V/60Hz)		T3WETEPP05 POA		

Dry Pipe Systems:

DRY PIPE 175 psi	Skid Mounted	N/A	N/A	N/A	N/A	T3DRYESK40 $18,906	T3DRYESK60 $22,069	N/A
	In Cabinet (Remote)	N/A	N/A	N/A	N/A	T3DRYENP40 $30,347	T3DRYENP60 $33,522	N/A
HP DRY PIPE 250 psi	Skid Mounted	N/A	T3DHPESK15 POA	T3DHPESK20 POA	T3DHPESK30 POA	T3DHPESK40 POA	T3DHPESK60 POA	N/A
	In Cabinet (Remote)	N/A	T3DHPENP15 $24,987	T3DHPENP20 $28,208	T3DHPENP30 $31,171	T3DHPENP40 $35,532	T3DHPENP60 $41,130	T3DHPENP80 $59,387

NEW - TOTALPAC®3 Integrated Fire Protection Systems

Firecycle® III Systems:

SYSTEM TYPE	STYLE	RELEASE	SYSTEM SIZE					
			1½"	2"	3"	4"	6"	8"
PREACTION SINGLE INTERLOCK	Skid Mounted	Firecycle III	T3FSINSK15 $29,239	T3FSINSK20 $34,154	T3FSINSK30 $37,735	T3FSINSK40 $41,742	T3FSINSK60 $48,589	N/A
	Without Panel (Remote)		T3FSINNP15 $36,969	T3FSINNP20 $41,883	T3FSINNP30 $45,800	T3FSINNP40 $50,960	T3FSINNP60 $57,434	T3FSINNP80 $72,572
	With VFR-400 – 120V/60Hz		T3FSINWP15 $43,977	T3FSINWP20 $48,886	T3FSINWP30 $52,796	T3FSINWP40 $58,091	T3FSINWP60 $64,242	T3FSINWP80 $79,835
PREACTION DOUBLE INTERLOCK	Skid Mounted	Firecycle III	T3FDOUSK15 $29,239	T3FDOUSK20 $34,154	T3FDOUSK30 $37,735	T3FDOUSK40 $41,742	T3FDOUSK60 $48,589	N/A
	Without Panel (Remote)		T3FDOUNP15 $36,969	T3FDOUNP20 $41,883	T3FDOUNP30 $45,800	T3FDOUNP40 $50,960	$47,714 $57,434	T3FDOUNP80 $72,832
	With VFR-400 – 120V/60Hz		T3FDOUWP15 $43,977	T3FDOUWP20 $48,886	T3FDOUWP30 $52,796	T3FDOUWP40 $58,091	T3FDOUWP60 $64,242	T3FDOUWP80 $79,887

SureFire® Fail Safe Preaction Systems:

SYSTEM TYPE	STYLE	RELEASE	SYSTEM SIZE					
			1½"	2"	3"	4"	6"	8"
PREACTION SINGLE INTERLOCK	Skid Mounted	Surefire	T3SFSISK15 $27,229	T3SFSISK20 $30,701	T3SFSISK30 $33,883	T3SFSISK40 $37,452	T3SFSISK60 $43,520	N/A
	Without Panel (Remote)		T3SFSINP15 $35,377	T3SFSINP20 $38,856	T3SFSINP30 $42,045	T3SFSINP40 $46,740	T3SFSINP60 $52,776	T3SFSINP80 $70,242
	With VFR-400 - 120V/60Hz		T3SFSIWP15 $41,690	T3SFSIWP20 $45,162	T3SFSIWP30 $48,351	T3SFSIWP40 $53,176	T3SFSIWP60 $59,211	T3SFSIWP80 $77,520
PREACTION DOUBLE INTERLOCK Note: NYFD & FM Approved for use in refrigerated areas only.	Skid Mounted		T3SFDOSK15 $27,796	T3SFDOSK20 $31,268	T3SFDOSK30 $34,456	T3SFDOSK40 $38,025	T3SFDOSK60 $44,093	N/A
	Without Panel (Remote)		T3SFDONP15 $35,957	T3SFDONP20 $36,292	T3SFDONP30 $42,611	T3SFDONP40 $47,294	T3SFDONP60 $52,190	T3SFDONP80 $70,000
	With VFR-400 - 120V/60Hz		T3SFDOWP15 $42,264	T3SFDOWP20 $45,736	T3SFDOWP30 $48,918	T3SFDOWP40 $53,749	T3SFDOWP60 $59,785	T3SFDOWP80 $77,527

NEW - TOTALPAC®3 Integrated Fire Protection Systems

System Options:

Shut-off Valve & Sight Glass (Not available for Wet & Dry Pipe systems)	T3SHUTV015 $1,472	T3SHUTV020 $1,553	T3SHUTV030 $1,867	T3SHUTV040 $2,007	T3SHUTV060 $2,468	N/A
Fire Department Connection (Always on right hand side)	T3FIRDPT15 $476	T3FIRDPT20 $476	T3FIRDPT30 $528	T3FIRDPT40 $557	T3FIRDPT60 $718	N/A
Semi-Flanged Inlets & Outlet:	T3SEMFLG15 $1,194	T3SEMFLG20 $1,062	T3SEMFLG30 $1,245	T3SEMFLG40 $1,413	T3SEMFLG60 $1,714	T3SEMFLG80 $2,244
Full-Flanged Inlets & Outlet:	PRICE ON REQUEST ONLY					
Elevator Option	T3ELEVATOR			PRICE ON REQUEST ONLY SPECIAL CONDITIONS APPLY		
Anti Column device	T3ANTCOLD1			$389		
Galvanized Main Inlet & Riser	T3GALVOPTI			$1,147		
OSHPD Seismic Option	T3SISMIQ00			$1,053.84		

VFR-400 Releasing Panel Options:

Available with 120V / 60Hz or 220V / 50Hz

Emergency Batteries:	Standard Systems:	7 AH (Included with unit, use for replacement only) T3BAT02407 $198	12 AH (FM's 90 Hrs Stand-by) T3BAT02412 $513
	Surefire & Firecycle III Systems:	12 AH (Included with unit, use for replacement only) T3BAT02412 $513	17 AH (FM's 90 Hrs Stand-by) T3BAT02417 POA
VFR-400 Panel Options:	L.A. Auxiliary Contacts – T3LAOPTION $73	Chicago Auxiliary Contacts – T3CHOPTION $73	NYFD Kit – T3VFRPNYOP $392 (Class A Modules included do not duplicate)
	Rem. Annunciator – T3VFRP4410 $1,194		
	Class "A" Initiating Ccts – T3VFRPCA2Z $485	Class "A" Indicating Ccts – T3VFRPCAM2 $373	Relay Module – T3OPTARM44 $1,428

Air Supplies:

Air Supplies for Skids (Trim only – NO compressor)	For Preaction – Surefire Firecycle III & HP Dry Pipe	Deluge Pneum. Release	Single Pneum. & Double Intl'k Pneum-Pneum. Release
	T3ARTITSK1 $762	T3ARTITSK2 $732	T3ARTITSK3 $1,494

Air Supplies for Cabinets	Style "A" (Tankless Air Compressor)						Style "B"	Style "C"	Style "D"
	1/6 HP	1/3 HP	1/2 HP	1 HP	1 1/2 HP (8" unit only)	2 HP (8" unit only)	Air Pressure Maintenance Device for Sprinkler Piping	Air Pressure Maintenance Device for Pilot Line	Air Shut-off Valve, Pressure Gauge, & Pressure Switch Only
120 V / 60 Hz:	T3AIRK0A02 $4,394	T3AIRK0A03 $5,280	T3AIRK0A05 $5,991	T3AIRK0A10 $7,214	T3AIRK0A15 POA	T3AIRK0A20 POA	T3AIRK0B00 $2,087	T3AIRK0C00 $2,021	T3AIRK0D00 $469
220V / 50 Hz	T3AIRK2A02 $5,331	T3AIRK2A03 $6,349	T3AIRK2A05 $7,801	T3AIRK2A10 $8,986	T3AIRK2A15 POA	N/A			

Notes:

1. Style "A" Air Supply cannot be mixed with Style "B".
2. In the case of a Preaction System with Pilot Line, order either one Style "A" with one Style "C" if you need a tankless air compressor in the cabinet for the sprinklers piping, OR, one Style "B" and one Style "C" if you want both air supplies to be located outside the system cabinet.
3. Pilot Line Air Supply will always be provided by a source located outside the TP3 Cabinet, supplied by others (not FireFlex).
4. Air Supply Style "D" is used when air supply and regulation is provided by others, as is the case with plant air, or with refrigerated areas when a dry air supply as described in NFPA-13 is required.
5. 1 HP Air compressor available on 4" & 6" systems only.
6. 1 ½ HP & 2 HP Air compressors available on 8" systems only.

Air Supply Options:

Accelerator E-1	Without Anti-flood Device (For Preaction, Pneum. Rel. Pilot Line & HP Dry only)	With Anti-flood Device (For Standard Dry Pipe only)
	T3ACCELE1P $2,944	T3ACCELE1D $4,241
Dehydrator	T3DEHYDRAT $3,252	

Terms and Conditions

This price list should be used in conjunction with the VIKING TotalPac3 Configuration/Order Form (FM-08CD-0-17 latest revision).

All prices are NET and are indicated in US dollars, FOB our plant in Boisbriand, Quebec (Canada). For special discounts or configurations, please contact FireFlex Systems Customer Service.

Listings and Approvals: Most TotalPac3 Configurations in our product range are cULus Listed & FM Approved as factory-built complete units. Any system modification, to meet project specs or local AHJ requirements, ordered as a custom built system will void the Listing on the TotalPac3 as an assembly but individual components Listings/Approvals will remain.

Special Order Item: Every TotalPac3 Unit is a Special Order Item which is built to order. It can therefore not be cancelled nor returned without FireFlex Systems explicit consent or authorization.

Returns & Credits: The following conditions shall apply to all TotalPac3 units returned for credit:

- Unit(s) shall be of current design, three months old maximum after shipping date from the factory;

- Unit(s) shall still be in its (their) original packing (never unpacked), unused and not installed. Any unit not in this condition is subject to additional charges to cover inspection, handling, repackaging, refurbishment, or any other expenses incurred by FireFlex Systems in accepting the unit(s).

- The customer is responsible for freight charges to return overstocked unit(s), unit(s) no longer required, or ordered by mistake. Any damage incurred in transit will be deducted from the credit value.

NOTE: An RMA Number shall be obtained from FireFlex' Customer Service PRIOR to returning any unit. Please provide unit(s) serial number(s) as indicated on the shipping label of the unit(s) (format: TOTSxxxx or TOT3xxxx) as well as the address for us to make arrangements for pick-up.

Please note that a minimum restocking charge of $ 1,500.00 is applicable on all TotalPac3 returns. Systems older than 3 months after date of shipment will NOT be accepted for credit.

Upon receiving returned unit(s), FireFlex Systems will inspect each unit. If any damage is found, the credit amount will be adjusted accordingly.

Contractor must ascertain the unit is returned in its original packing, including the internal plastic liner. This liner protects the unit finish against abrasion damage during transport.

Warranty: FireFlex Systems provides warranty on all TotalPac3 Units for a period of 1 (one) year from time of shipping. Warranty does not cover labor. We will replace any component found defective at no charge during this period but will NOT reimburse labor charges incurred by the contractor. In the case of unauthorized modification of, or tampering with the unit, the warranty is void.

The warranty on batteries warranty is limited to 3 (three) months. Refer to the terms of our Standard Warranty for all details (provided with every TotalPac3 User's Manual).

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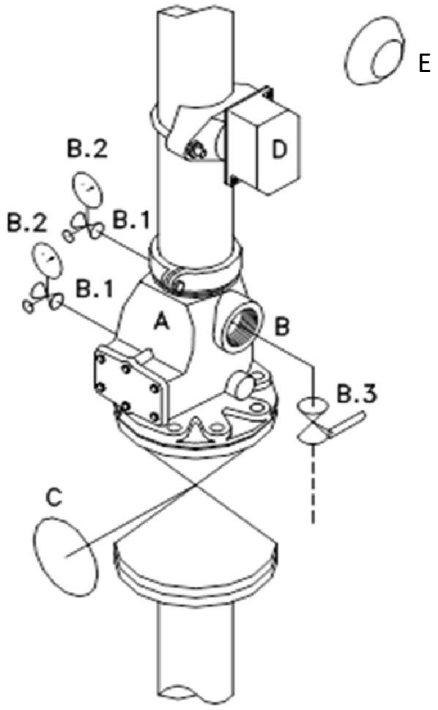
Notes

1. Refer to Viking technical data pages for complete product specifications. You may print or download technical data by visiting www.vikinggroupinc.com.
2. List prices effective January 12, 2019. Supersedes June 2018 list price book.
3. All sales by Viking are subject to the Terms & Conditions found on the last page of this book.

Easy Riser® is a registered trademark of The Viking Corporation
EasyPac® is a registered trademark of The Viking Corporation

Model F-1 Easy Riser® System



Description
A - Model F-1 Easy Riser® Swing Check Valve
B - Model F-1 Easy Riser® Trim Including:
B.1 - Side Outlet Globe Valve for Gauges
B.2 - Water Gauge
B.3 - Ball Valve
C - Water Supply Control Valve
D - Waterflow Indicator
E - Electric Alarm Bell

** Trims include indented items immediately following.*

UL Listed and FM Approved with 300 PSI (20.7 bar) maximum working pressure

Flange / Flange (Model F-1) - Easy Riser® Swing Check Valve						
Size	**Valve (only)**		**Loose Trim (galvanized)**		**Valve/Trim (pre-trimmed)**	
IPG	V220		V222		V221	
3"	08505	$1,169.54	07236	$576.39	08505PT	$2,143.84
4"	08508	$1,205.06	07237	$609.29	08508PT	$2,212.25
6"	08511	$1,986.92	07237	$609.29	08511PT	$2,994.13
Flange / Groove (Model F-1) - Easy Riser® Swing Check Valve						
Size	**Valve (only)**		**Loose Trim (galvanized)**		**Valve/Trim (pre-trimmed)**	
IPG	V220		V222		V221	
3"	08506	$991.89	07236	$576.39	08506PT	$1,966.19
4"	08509	$1,020.95	07237	$609.29	08509PT	$2,028.14
6"	08512	$1,689.66	07237	$609.29	08512PT	$2,696.85
8"	08515	$2,391.56	07237	$609.29	08515PT	$4,195.92
Groove / Groove (Model E-1 / F-1) - Easy Riser® Swing Check Valve						
Size	**Valve (only)**		**Loose Trim (galvanized)**		**Valve/Trim (pre-trimmed)**	
IPG	V220		V222		V221	
2-1/2"	07929	$843.23	07236	$576.39	07929PT	$1,817.53
3"	08507	$843.23	07236	$576.39	08507PT	$1,817.53
4"	08510	$843.23	07237	$609.29	08510PT	$1,850.42
6"	08513	$1,560.47	07237	$609.29	08513PT	$2,567.67
8"	08516	$2,209.85	07237	$609.29	08516PT	$3,953.69

** See page L-3 for special valve and trim options, including domestic, brass, and horizontal trim offerings.*

Selected Additional Valves and Components ***(See pages L-4 and L-5 for complete listing)***

In-Line Check Valves (Threaded)

Model K-1 (threaded)

1½"	10659	$693.25
2"	10667	$801.53

Model L-1 (grooved)

1½"	11054	$693.25
2"	11059	$801.53

IPG V259

Model M-2 Swing Check Valve

SPRING LOADED

4" / DN100 — IPG V220

22550 — $414.16

In-Line Check Valve Trim (1-1/2 & 2")

Model K-1 /L-1 — IPG V222

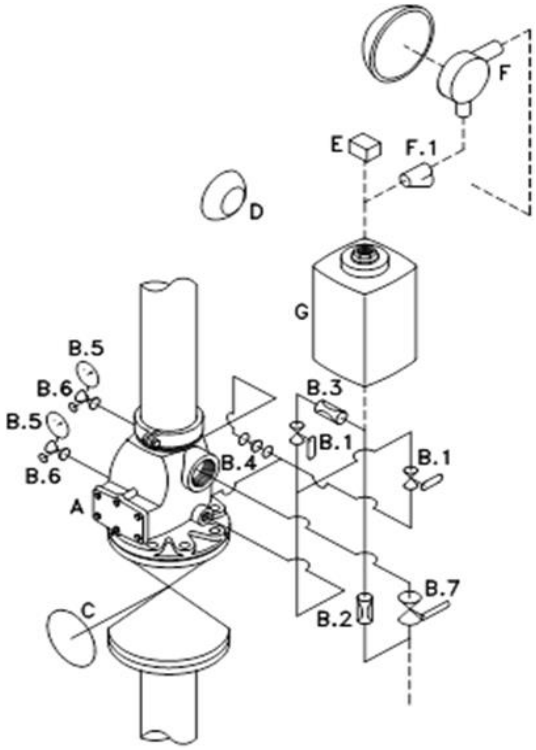
1½" and 2" — 12960 — $230.08

Automatic Ball Drip (Model B-1)

½" / DN15 — IPG V226

04292B — $56.56

Model J-1 Alarm Check Valve



Now cULus Listed and FM Approved with 300 PSI (20.7 bar) maximum working pressure

Description	
A	Model J-1 Alarm Check Valve
B	Model J-1 Alarm Valve Trim including:
B.1	Alarm Test and Shut-Off Valves
B.2	1/8" / 3mm Restricted Orifice
B.3	7/32" / 5mm Restricted Orifice
B.4	3/4" / DN20 Check Valve
B.5	Water Gauge
B.6	Side Outlet Globe Valve for Gauges
B.7	Ball Valve
C	Water Supply Control Valve
D	Electric Alarm Bell
E	Alarm Pressure Switch
F	Model F-2 Water Motor Alarm including:
F.1	3/4" / DN20 Alarm Line Y Strainer
G	Model C-1 Retarding Chamber (NOT INCLUDED IN TRIM)
H	Circuit Closer Vent Trim (Not Shown)

** Trims include indented items immediately following.*

Flange / Flange (Model J-1) - Alarm Check Valve						
Size	**Valve (only)**		**Loose Trim (galvanized)**		**Valve/Trim (pre-trimmed)**	
IPG	V223		V225		V224	
3"	08235	$1,928.26	08633	$1,154.48	08235PT	$3,465.90
4"	08238	$1,928.26	08634	$1,224.23	08238PT	$3,535.63
6"	08241	$2,410.35	08635	$1,224.23	08241PT	$4,017.74
8"	08244	$3,333.26	08636	$1,224.23	08244PT	$4,940.66
Flange / Groove (Model J-1) - Alarm Check Valve						
Size	**Valve (only)**		**Loose Trim (galvanized)**		**Valve/Trim (pre-trimmed)**	
IPG	V223		V225		V224	
3"	08236	$1,928.26	08633	$1,154.48	08236PT	$3,465.90
4"	08239	$1,928.26	08634	$1,224.23	08239PT	$3,535.63
6"	08242	$2,410.35	08635	$1,224.23	08242PT	$4,017.74
8"	08245	$3,333.26	08636	$1,224.23	08245PT	$4,940.66
Groove / Groove (Model J-1) - Alarm Check Valve						
Size	**Valve (only)**		**Loose Trim (galvanized)**		**Valve/Trim (pre-trimmed)**	
IPG	V223		V225		V224	
3"	08237	$1,820.46	08633	$1,154.48	08237PT	$3,358.10
4"	08240	$1,820.46	08634	$1,224.23	08240PT	$3,427.86
6"	08243	$2,153.42	08635	$1,224.23	08243PT	$3,760.84
8"	08246	$2,971.70	08636	$1,224.23	08246PT	$4,579.10

** See page L-3 for special valve and trim options, including domestic, brass, and horizontal trim offerings.*

Selected Additional Valves and Components ***(See pages L-4 and L-5 for complete listing)***

Model C-1 Retard Chamber (not in trim)

Model C-1	IPG V226
05904B	$733.80

Water Motor Alarm

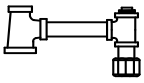
Model F-2	IPG V226
07862	$617.69

EPP Alarm Valve Trim IPG V227

(for use with excess pressure pump)

3" (DN80)	10854	$1,272.52
4" (DN100)	10855	$1,437.57
6" (DN150)	10856	$1,437.57
8" (DN200)	10857	$1,437.57

Circuit Closer Vent Trim IPG V227



01973A	$151.00
Domestic	
01973AUSA	$201.34

Special Valves and Trim

DOMESTIC[1] TRIM (Vertical/Galvanized) - Model J-1 Alarm Check Valve

Size	Trim (loose)	
IPG	V225	
3"	08633USA	$1,539.31
4"	08634USA	$1,633.29
6"	08635USA	$1,633.29
8"	08636USA	$1,633.29

(1) Meets sourcing requirements of the Buy American Act, American Reinvestment and Recovery Act, and the Buy American Law. Contact customer service for availability.

BRASS TRIM - Model E-1/F-1 Easy Riser® System

**2-1/2 - 6 inch trim shown*

Size	Trim (loose)	
IPG	V222	
Model K-1/L-1 In-line Check Valve		
1-1/2"	12960-1	$389.02
2"	12960-1	$389.02
Model E-1/F-1 Easy Riser® Valve		
2-1/2"	07236-1	$974.44
3"	07236-1	$974.44
4"	07237-1	$1,030.06
6"	07237-1	$1,030.06
8"	07237-1	$1,030.06

BRASS TRIM (Vertical) - Model J-1 Alarm Check Valve

Size	Trim (loose)	
IPG	V227	
3"	11428	$2,000.57
4"	11429	$2,334.50
6"	11430	$2,449.76
8"	11431	$2,449.76

**Retard chamber not included in trim (order separately - see page L-4)*

BRASS TRIM (Horizontal) - Model J-1 Alarm Check Valve

Size	Trim (loose)	
IPG	V227	
3"	11432	$2,071.49
4"	11433	$2,452.72
6"	11434	$2,502.98
8"	11435	$2,502.98

**Retard chamber not included in trim (order separately - see page L-4)*

GALVANIZED TRIM (Horizontal) - Model J-1 Alarm Check Valve

Size	Trim (loose)	
IPG	V227	
3"	08763	$1,230.50
4"	08765	$1,262.29
6"	08767	$1,324.78
8"	08769	$1,324.78

**Retard chamber not included in trim (order separately - see page L-4)*

Additional Valves, Trim, and Components

Model D-1 / G-1 Swing Check Valve

Now cULus Listed and FM Approved with 300 PSI (20.7 bar) maximum working pressure

Size	Flange / Flange		Groove / Groove	
IPG	V220		V220	
2-1/2"			05497C	$591.25
3"			08536	$591.26
4"	08538	$1,356.90	08539	$591.26
6"	08542	$2,219.54	08543	$1,411.85
8"	08546	$2,152.42	08547	$1,988.88

In-Line Check Valves (Threaded)

Model K-1 (threaded)

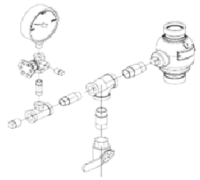
1½"	10659	$693.25
2"	10667	$801.53

Model L-1 (grooved)

1½"	11054	$693.25
2"	11059	$801.53

IPG V259

In-Line Check Valve Trim (1-1/2" - 2")



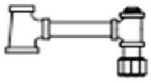
Model L-1 / K-1
12960
$230.08

IPG V222

Model M-2 Swing Check Valve

4" / DN100 — IPG V220
22550 — $414.16
SPRING LOADED

Circuit Closer Vent Trim — IPG V227



Standard
01973A — $151.00
Domestic
01973AUSA — $189.95

Model C-1 Retard Chamber (not in trim)

Model C-1 — IPG V226
05904B — $733.80

Automatic Ball Drip (Model B-1)

½" / DN15 — IPG V226
04292B — $56.56

EPP Alarm Valve Trim — IPG V227

(for use with excess pressure pump)

3" (DN80)	10854	$1,272.52
4" (DN100)	10855	$1,437.57
6" (DN150)	10856	$1,437.57
8" (DN200)	10857	$1,437.57

Accessories (Included in Alarm Valve Trim) - *IPG V226*

Water Gauge

0-300 psi
1/4" VWATERSF
$26.41

IPG SR295

Globe Valve for Gauges

Side Outlet
1/4" 76V-25 $20.66

IPG SR140

In-line Check Valve

3/4"	T480-75	$106.89
1"	T480-0100	$103.02

IPG SR140

Alarm Test/Alarm Shut-Off Valve
Main Drain Valve (ball valve)

size	part no.	list price
1/2"	10355	$52.05
1"	10356	$77.25

Restricted Orifice

1/8" / 3mm Restricted Orifice
1/2" / DN15 06555A $31.99

7/32" / 5mm Restricted Orifice
1/2" / DN15 06980A $20.30

3/8" / 9.5mm Restricted Orifice
3/4" / DN20 10912 $28.37

7/16" / 11.1mm Restricted Orifice
3/4" CCC 12831 $51.32

Alarm Devices

Alarm Pressure Switch - SR020

Adjustable Range (4-20 psi)

1/2" / DN50

Single SPDT	PS101A	$221.55
Dual SPDT	PS102A	$266.52

** Manufactured by Potter*

Explosion Proof

Dual SPDT	PS10-EX	$1,388.36
Dual SPDT	PS40EX	$1,388.36

** Cenelec approved*

Pressure Adj Access Key

10600	$27.18

Cover Removal Key

10601	$27.18

** Appropriate hex keys included with switches.*

Pressure Supervisory Switch (Air, Nitrogen, Water) - *IPG SR020*

Adjustable Range (10-175 psi)

1/2" / DN50

Single SPDT	PS401A	$221.55
Dual SPDT	PS402A	$266.52

** Manufactured by Potter*

Cover Tamper Switch Kit

09601	$139.00

Explosion Proof

Dual SPDT	10379	$1,790.78

** Cenelec approved*

Pressure Adj Access Key

10600	$27.18

Cover Removal Key

10601	$27.18

** Appropriate hex keys included with switches.*

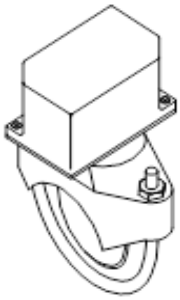
Flow Switch - *SR010*

Waterflow Indicators

(adjustable retard up to 120 sec. - 2 SPDT contacts)

Model VSR

1-2" / DN40	VSRF0100	$318.01
2" / DN50	VSRF0200	$343.06
2½" / DN65	VSRF0250	$343.06
3" / DN80	VSRF0300	$343.06
3½" / DN90	VSRF0350	$343.06
4" / DN100	VSRF0400	$343.06
5" / DN125	VSRF0500	$343.06
6" / DN150	VSRF0600	$343.06
8" / DN200	VSRF0800	$383.75



Water Motor Alarm and Accessories - *IPG V226*

Water Motor Alarm

Model F-2

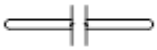
07862	$617.69

Closure Plate

05820B	$126.07

Adjustable Shaft

(wall thickness up to 30-1/4 in / 768 mm)



03312B	$120.96

Alarm Line Y Strainer

3/4 " (DN20)

01489A	$183.93

Extension Cup

05957B	$100.86

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Notes

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2. List prices effective January 12, 2019. Supersedes June 2018 list price book.
3. All sales by Viking are subject to the Terms & Conditions found on the last page of this book.

TESTanDRAIN® is a registered trademark of AGF Manufacturing, Inc.

EasyPac™ Residential Riser Assemblies

Basic (w/ ball valve)	TESTanDRAIN®	TESTanDRAIN® & PRV

Features and Benefits of all EasyPac™ Riser Assemblies

- Assembled in the United States.
- Made with UL listed and FM approved components.
- Field replaceable parts for ease of service.
- Fabricated steel riser body with black E-coat finish.
- Compact, lightweight design for easy installation.
- Built-in test port allows hydrostatic testing w/out draining system.
- Pressure rating: 250 PSI max water working pressure.
- Includes Potter® VSR flow switch.

RESIDENTIAL - Basic (with ball valve)

Size	Part #	IPG	List Price
Groove x Groove (schedule 10)			
1"	15243	V263	$925.75
1-1/4"	14841	V263	$887.21
1-1/2"	14843	V263	$947.26
2"	14845	V263	$964.88
Thread x Groove (schedule 40)			
1-1/4"	14905	V263	$908.82
1-1/2"	14849	V263	$954.91
2"	14846	V263	$971.57
Thread x Thread (schedule 40)			
1"	15226	V263	$888.14
1-1/4"	14840	V263	$888.49
1-1/2"	14842	V263	$949.63
2"	14844	V263	$968.18

RESIDENTIAL (with TESTanDRAIN®)

Size	Orifice Size	Part #	IPG	List Price
Groove x Groove (schedule 10)				
1"	3/8" (2.8 K)	15244A	V263	$1,467.25
1"	7/16" (4.2 K)	15244B	V263	$1,467.25
1"	1/2" (5.6 K)	15244C	V263	$1,467.25
1"	17/32" (8.0 K)	15244D	V263	$1,467.25
1-1/4"	3/8" (2.8 K)	15231A	V263	$1,495.97
1-1/4"	7/16" (4.2 K)	15231B	V263	$1,495.97
1-1/4"	1/2" (5.6 K)	15231C	V263	$1,495.97
1-1/4"	17/32" (8.0 K)	15231D	V263	$1,495.97
1-1/2"	3/8" (2.8 K)	15237A	V263	$1,498.11
1-1/2"	7/16" (4.2 K)	15237B	V263	$1,498.11
1-1/2"	1/2" (5.6 K)	15237C	V263	$1,498.11
1-1/2"	17/32" (8.0 K)	15237D	V263	$1,498.11
2"	3/8" (2.8 K)	15242A	V263	$1,362.98
2"	7/16" (4.2 K)	15242B	V263	$1,362.98
2"	1/2" (5.6 K)	15242C	V263	$1,362.98
2"	17/32" (8.0 K)	15242D	V263	$1,362.98
Thread x Thread (schedule 40)				
1"	3/8" (2.8 K)	15227A	V263	$1,430.05
1"	7/16" (4.2 K)	15227B	V263	$1,430.05
1"	1/2" (5.6 K)	15227C	V263	$1,430.05
1"	17/32" (8.0 K)	15227D	V263	$1,430.05
1-1/4"	3/8" (2.8 K)	15229A	V263	$1,497.25
1-1/4"	7/16" (4.2 K)	15229B	V263	$1,497.25
1-1/4"	1/2" (5.6 K)	15229C	V263	$1,497.25
1-1/4"	17/32" (8.0 K)	15229D	V263	$1,497.25
1-1/2"	3/8" (2.8 K)	15235A	V263	$1,500.49
1-1/2"	7/16" (4.2 K)	15235B	V263	$1,500.49
1-1/2"	1/2" (5.6 K)	15235C	V263	$1,500.49
1-1/2"	17/32" (8.0 K)	15235D	V263	$1,500.49
2"	3/8" (2.8 K)	15241A	V263	$1,366.27
2"	7/16" (4.2 K)	15241B	V263	$1,366.27
2"	1/2" (5.6 K)	15241C	V263	$1,366.27
2"	17/32" (8.0 K)	15241D	V263	$1,366.27

Size	Orifice Size	Part #	IPG	List Price
Thread x Groove (schedule 40)				
1-1/4"	3/8" (2.8 K)	15233A	V263	$1,518.04
1-1/4"	7/16" (4.2 K)	15233B	V263	$1,518.04
1-1/4"	1/2" (5.6 K)	15233C	V263	$1,518.04
1-1/4"	17/32" (8.0 K)	15233D	V263	$1,518.04
1-1/2"	3/8" (2.8 K)	15239A	V263	$1,505.74
1-1/2"	7/16" (4.2 K)	15239B	V263	$1,505.74
1-1/2"	1/2" (5.6 K)	15239C	V263	$1,505.74
1-1/2"	17/32" (8.0 K)	15239D	V263	$1,505.74
2"	3/8" (2.8 K)	15246A	V263	$1,371.94
2"	7/16" (4.2 K)	15246B	V263	$1,371.94
2"	1/2" (5.6 K)	15246C	V263	$1,371.94
2"	17/32" (8.0 K)	15246D	V263	$1,371.94

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RESIDENTIAL (with TESTanDRAIN® and PRV)											
Size	Orifice Size	PRV[1]	Part #	IPG	List Price	Size	Orifice Size	PRV[1]	Part #	IPG	List Price
Groove x Groove (schedule 10)						Thread x Groove (schedule 10)					
1"	3/8" (2.8 K)	175	15245A175	V263	$1,633.68	N/A					
1"	3/8" (2.8 K)	205	15245A205	V263	$1,633.68						
1"	3/8" (2.8 K)	250	15245A250	V263	$1,633.68						
1"	7/16" (4.2 K)	175	15245B175	V263	$1,633.68						
1"	7/16" (4.2 K)	205	15245B205	V263	$1,633.68						
1"	7/16" (4.2 K)	250	15245B250	V263	$1,633.68						
1"	1/2" (5.6 K)	175	15245C175	V263	$1,633.68						
1"	1/2" (5.6 K)	205	15245C205	V263	$1,633.68						
1"	1/2" (5.6 K)	250	15245C250	V263	$1,633.68						
1"	17/32" (8.0 K)	175	15245D175	V263	$1,633.68						
1"	17/32" (8.0 K)	205	15245D205	V263	$1,633.68						
1"	17/32" (8.0 K)	250	15245D250	V263	$1,633.68						
1-1/4"	3/8" (2.8 K)	175	15232A175	V263	$1,662.00	1-1/4"	3/8" (2.8 K)	175	15234A175	V263	$1,684.05
1-1/4"	3/8" (2.8 K)	205	15232A205	V263	$1,662.00	1-1/4"	3/8" (2.8 K)	205	15234A205	V263	$1,684.05
1-1/4"	3/8" (2.8 K)	250	15232A250	V263	$1,662.00	1-1/4"	3/8" (2.8 K)	250	15234A250	V263	$1,684.05
1-1/4"	7/16" (4.2 K)	175	15232B175	V263	$1,662.00	1-1/4"	7/16" (4.2 K)	175	15234B175	V263	$1,684.05
1-1/4"	7/16" (4.2 K)	205	15232B205	V263	$1,662.00	1-1/4"	7/16" (4.2 K)	205	15234B205	V263	$1,684.05
1-1/4"	7/16" (4.2 K)	250	15232B250	V263	$1,662.00	1-1/4"	7/16" (4.2 K)	250	15234B250	V263	$1,684.05
1-1/4"	1/2" (5.6 K)	175	15232C175	V263	$1,662.00	1-1/4"	1/2" (5.6 K)	175	15234C175	V263	$1,684.05
1-1/4"	1/2" (5.6 K)	205	15232C205	V263	$1,662.00	1-1/4"	1/2" (5.6 K)	205	15234C205	V263	$1,684.05
1-1/4"	1/2" (5.6 K)	250	15232C250	V263	$1,662.00	1-1/4"	1/2" (5.6 K)	250	15234C250	V263	$1,684.05
1-1/4"	17/32" (8.0 K)	175	15232D175	V263	$1,662.00	1-1/4"	17/32" (8.0 K)	175	15234D175	V263	$1,684.05
1-1/4"	17/32" (8.0 K)	205	15232D205	V263	$1,662.00	1-1/4"	17/32" (8.0 K)	205	15234D205	V263	$1,684.05
1-1/4"	17/32" (8.0 K)	250	15232D250	V263	$1,662.00	1-1/4"	17/32" (8.0 K)	250	15234D250	V263	$1,684.05
1-1/2"	3/8" (2.8 K)	175	15238A175	V263	$1,664.14	1-1/2"	3/8" (2.8 K)	175	15240A175	V263	$1,671.76
1-1/2"	3/8" (2.8 K)	205	15238A205	V263	$1,664.14	1-1/2"	3/8" (2.8 K)	205	15240A205	V263	$1,671.76
1-1/2"	3/8" (2.8 K)	250	15238A250	V263	$1,664.14	1-1/2"	3/8" (2.8 K)	250	15240A250	V263	$1,671.76
1-1/2"	7/16" (4.2 K)	175	15238B175	V263	$1,664.14	1-1/2"	7/16" (4.2 K)	175	15240B175	V263	$1,671.76
1-1/2"	7/16" (4.2 K)	205	15238B205	V263	$1,664.14	1-1/2"	7/16" (4.2 K)	205	15240B205	V263	$1,671.76
1-1/2"	7/16" (4.2 K)	250	15238B250	V263	$1,664.14	1-1/2"	7/16" (4.2 K)	250	15240B250	V263	$1,671.76
1-1/2"	1/2" (5.6 K)	175	15238C175	V263	$1,664.14	1-1/2"	1/2" (5.6 K)	175	15240C175	V263	$1,671.76
1-1/2"	1/2" (5.6 K)	205	15238C205	V263	$1,664.14	1-1/2"	1/2" (5.6 K)	205	15240C205	V263	$1,671.76
1-1/2"	1/2" (5.6 K)	250	15238C250	V263	$1,664.14	1-1/2"	1/2" (5.6 K)	250	15240C250	V263	$1,671.76
1-1/2"	17/32" (8.0 K)	175	15238D175	V263	$1,664.14	1-1/2"	17/32" (8.0 K)	175	15240D175	V263	$1,671.76
1-1/2"	17/32" (8.0 K)	205	15238D205	V263	$1,664.14	1-1/2"	17/32" (8.0 K)	205	15240D205	V263	$1,671.76
1-1/2"	17/32" (8.0 K)	250	15238D250	V263	$1,664.14	1-1/2"	17/32" (8.0 K)	250	15240D250	V263	$1,671.76
2"	3/8" (2.8 K)	175	14900A175	V263	$1,700.75	2"	3/8" (2.8 K)	175	15247A175	V263	$1,540.50
2"	3/8" (2.8 K)	205	14900A205	V263	$1,700.75	2"	3/8" (2.8 K)	205	15247A205	V263	$1,540.50
2"	3/8" (2.8 K)	250	14900A250	V263	$1,700.75	2"	3/8" (2.8 K)	250	15247A250	V263	$1,540.50
2"	7/16" (4.2 K)	175	14900B175	V263	$1,700.75	2"	7/16" (4.2 K)	175	15247B175	V263	$1,540.50
2"	7/16" (4.2 K)	205	14900B205	V263	$1,700.75	2"	7/16" (4.2 K)	205	15247B205	V263	$1,540.50
2"	7/16" (4.2 K)	250	14900B250	V263	$1,700.75	2"	7/16" (4.2 K)	250	15247B250	V263	$1,540.50
2"	1/2" (5.6 K)	175	14900C175	V263	$1,700.75	2"	1/2" (5.6 K)	175	15247C175	V263	$1,540.50
2"	1/2" (5.6 K)	205	14900C205	V263	$1,700.75	2"	1/2" (5.6 K)	205	15247C205	V263	$1,540.50
2"	1/2" (5.6 K)	250	14900C250	V263	$1,700.75	2"	1/2" (5.6 K)	250	15247C250	V263	$1,540.50
2"	17/32" (8.0 K)	175	14900D175	V263	$1,700.75	2"	17/32" (8.0 K)	175	15247D175	V263	$1,540.50
2"	17/32" (8.0 K)	205	14900D205	V263	$1,700.75	2"	17/32" (8.0 K)	205	15247D205	V263	$1,540.50
2"	17/32" (8.0 K)	250	14900D250	V263	$1,700.75	2"	17/32" (8.0 K)	250	15247D250	V263	$1,540.50

(1) Refers to factory pressure setting (psi) of pressure relief valve (PRV). See technical data page # 31 a-e for details.

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Residential (with TESTanDRAIN® and PRV)					
Size	**Orifice Size**	**PRV[1]**	**Part #**	**IPG**	**List Price**
Thread x Thread (schedule 40)					
1"	3/8" (2.8 K)	175	15228A175	V263	$1,596.06
1"	3/8" (2.8 K)	205	15228A205	V263	$1,596.06
1"	3/8" (2.8 K)	250	15228A250	V263	$1,596.06
1"	7/16" (4.2 K)	175	15228B175	V263	$1,596.06
1"	7/16" (4.2 K)	205	15228B205	V263	$1,596.06
1"	7/16" (4.2 K)	250	15228B250	V263	$1,596.06
1"	1/2" (5.6 K)	175	15228C175	V263	$1,596.06
1"	1/2" (5.6 K)	205	15228C205	V263	$1,596.06
1"	1/2" (5.6 K)	250	15228C250	V263	$1,596.06
1"	17/32" (8.0 K)	175	15228D175	V263	$1,596.06
1"	17/32" (8.0 K)	205	15228D205	V263	$1,596.06
1"	17/32" (8.0 K)	250	15228D250	V263	$1,596.06
1-1/4"	3/8" (2.8 K)	175	15230A175	V263	$1,663.27
1-1/4"	3/8" (2.8 K)	205	15230A205	V263	$1,663.27
1-1/4"	3/8" (2.8 K)	250	15230A250	V263	$1,663.27
1-1/4"	7/16" (4.2 K)	175	15230B175	V263	$1,663.27
1-1/4"	7/16" (4.2 K)	205	15230B205	V263	$1,663.27
1-1/4"	7/16" (4.2 K)	250	15230B250	V263	$1,663.27
1-1/4"	1/2" (5.6 K)	175	15230C175	V263	$1,663.27
1-1/4"	1/2" (5.6 K)	205	15230C205	V263	$1,663.27
1-1/4"	1/2" (5.6 K)	250	15230C250	V263	$1,663.27
1-1/4"	17/32" (8.0 K)	175	15230D175	V263	$1,663.27
1-1/4"	17/32" (8.0 K)	205	15230D205	V263	$1,663.27
1-1/4"	17/32" (8.0 K)	250	15230D250	V263	$1,663.27
1-1/2"	3/8" (2.8 K)	175	15236A175	V263	$1,666.49
1-1/2"	3/8" (2.8 K)	205	15236A205	V263	$1,666.49
1-1/2"	3/8" (2.8 K)	250	15236A250	V263	$1,666.49
1-1/2"	7/16" (4.2 K)	175	15236B175	V263	$1,666.49
1-1/2"	7/16" (4.2 K)	205	15236B205	V263	$1,666.49
1-1/2"	7/16" (4.2 K)	250	15236B250	V263	$1,666.49
1-1/2"	1/2" (5.6 K)	175	15236C175	V263	$1,666.49
1-1/2"	1/2" (5.6 K)	205	15236C205	V263	$1,666.49
1-1/2"	1/2" (5.6 K)	250	15236C250	V263	$1,666.49
1-1/2"	17/32" (8.0 K)	175	15236D175	V263	$1,666.49
1-1/2"	17/32" (8.0 K)	205	15236D205	V263	$1,666.49
1-1/2"	17/32" (8.0 K)	250	15236D250	V263	$1,666.49
2"	3/8" (2.8 K)	175	14901A175	V263	$1,712.14
2"	3/8" (2.8 K)	205	14901A205	V263	$1,712.14
2"	3/8" (2.8 K)	250	14901A250	V263	$1,712.14
2"	7/16" (4.2 K)	175	14901B175	V263	$1,712.14
2"	7/16" (4.2 K)	205	14901B205	V263	$1,712.14
2"	7/16" (4.2 K)	250	14901B250	V263	$1,712.14
2"	1/2" (5.6 K)	175	14901C175	V263	$1,712.14
2"	1/2" (5.6 K)	205	14901C205	V263	$1,712.14
2"	1/2" (5.6 K)	250	14901C250	V263	$1,712.14
2"	17/32" (8.0 K)	175	14901D175	V263	$1,712.14
2"	17/32" (8.0 K)	205	14901D205	V263	$1,712.14
2"	17/32" (8.0 K)	250	14901D250	V263	$1,712.14

(1) Refers to factory pressure setting (psi) of pressure relief valve (PRV). See technical data page # 31 a-e for details.

TESTanDRAIN® is a registered trademark of AGF Manufacturing, Inc.

EasyPac™ COMMERCIAL Riser Assemblies

Basic (w/ ball valve)	TESTanDRAIN®	TESTanDRAIN® & PRV

Features and Benefits of all EasyPac™ Riser Assemblies

- Assembled in the United States.
- Made with UL listed and FM approved components.
- Field replaceable parts for ease of service.
- Fabricated steel riser body with black E-coat finish.
- Compact, lightweight design for easy installation.
- Built-in test port allows hydrostatic testing w/out draining system.
- Pressure rating: 250 PSI max water working pressure.
- Includes Potter® VSR flow switch.

COMMERCIAL -Basic (with ball valve)

Size	Part #	IPG	List Price
Groove x Groove (schedule 10)			
1-1/4"	15249	V261	$1,428.15
1-1/2"	15254	V261	$1,055.67
2"	14848	V261	$943.26
2-1/2"	14852	V261	$970.38
3"	14855	V261	$1,088.97
4"	14858	V261	$1,271.86
6"	14861	V261	$1,422.07
8"	15264	V261	$2,004.60
Thread x Groove (schedule 40)			
1-1/4"	15250	V261	$1,457.06
1-1/2"	15255	V261	$1,064.15
2"	15258	V261	$1,140.45
Thread x Thread (schedule 40)			
1-1/4"	15248	V261	$1,429.83
1-1/2"	15253	V261	$1,058.30
2"	14899	V261	$973.23

COMMERCIAL (with TESTanDRAIN®)

Size	Orifice Size	Part #	IPG	List Price
Groove x Groove (schedule 10)				
1-1/4"	3/8" (2.8 K)	14872A	V261	$1,667.13
1-1/4"	7/16" (4.2 K)	14872B	V261	$1,667.13
1-1/4"	1/2" (5.6 K)	14872C	V261	$1,667.13
1-1/4"	17/32" (8.0 K)	14872D	V261	$1,667.13
1-1/4"	ELO (11.2 K)	14872E	V261	$1,667.13
1-1/2"	3/8" (2.8 K)	14876A	V261	$1,669.52
1-1/2"	7/16" (4.2 K)	14876B	V261	$1,669.52
1-1/2"	1/2" (5.6 K)	14876C	V261	$1,669.52
1-1/2"	17/32" (8.0 K)	14876D	V261	$1,669.52
1-1/2"	ELO (11.2 K)	14876E	V261	$1,669.52
2"	3/8" (2.8 K)	14850A	V261	$1,640.13
2"	7/16" (4.2 K)	14850B	V261	$1,640.13
2"	1/2" (5.6 K)	14850C	V261	$1,640.13
2"	17/32" (8.0 K)	14850D	V261	$1,640.13
2"	ELO (11.2 K)	14850E	V261	$1,640.13
2-1/2"	3/8" (2.8 K)	14853A	V261	$1,670.58
2-1/2"	7/16" (4.2 K)	14853B	V261	$1,670.58
2-1/2"	1/2" (5.6 K)	14853C	V261	$1,670.58
2-1/2"	17/32" (8.0 K)	14853D	V261	$1,670.58
2-1/2"	ELO (11.2 K)	14853E	V261	$1,670.58
2-1/2"	ESFR (14.0 K)	14853F	V261	$1,670.58
2-1/2"	ESFR (25.2 K)	14853G	V261	P.O.A.

Size	Orifice Size	Part #	IPG	List Price
Groove x Groove (schedule 10)				
3"	3/8" (2.8 K)	14856A	V261	$1,789.18
3"	7/16" (4.2 K)	14856B	V261	$1,789.18
3"	1/2" (5.6 K)	14856C	V261	$1,789.18
3"	17/32" (8.0 K)	14856D	V261	$1,789.18
3"	ELO (11.2 K)	14856E	V261	$1,789.18
3"	ESFR (14.0 K)	14856F	V261	$1,789.18
3"	ESFR (25.2 K)	14856G	V261	P.O.A.
4"	3/8" (2.8 K)	14859A	V261	$2,355.40
4"	7/16" (4.2 K)	14859B	V261	$2,355.40
4"	1/2" (5.6 K)	14859C	V261	$2,355.40
4"	17/32" (8.0 K)	14859D	V261	$2,355.40
4"	ELO (11.2 K)	14859E	V261	$2,355.40
4"	ESFR (14.0 K)	14859F	V261	$2,355.40
4"	ESFR (25.2 K)	14859G	V261	$2,450.25
6"	3/8" (2.8 K)	14862A	V261	$2,548.32
6"	7/16" (4.2 K)	14862B	V261	$2,548.32
6"	1/2" (5.6 K)	14862C	V261	$2,548.32
6"	17/32" (8.0 K)	14862D	V261	$2,548.32
6"	ELO (11.2 K)	14862E	V261	$2,548.32
6"	ESFR (14.0 K)	14862F	V261	$2,548.32
6"	ESFR (25.2 K)	14862G	V261	$2,577.00
8"	3/8" (2.8 K)	15265A	V261	$3,448.62
8"	7/16" (4.2 K)	15265B	V261	$3,448.62
8"	1/2" (5.6 K)	15265C	V261	$3,448.62
8"	17/32" (8.0 K)	15265D	V261	$3,448.62
8"	ELO (11.2 K)	15265E	V261	$3,448.62
8"	ESFR (14.0 K)	15265F	V261	$3,448.62
8"	ESFR (25.2 K)	15265G	V261	$3,448.62

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COMMERCIAL (with TESTanDRAIN®)

Size	Orifice Size	Part #	IPG	List Price
Thread x Groove (schedule 40)				
1-1/4"	3/8" (2.8 K)	15251A	V261	$1,691.75
1-1/4"	7/16" (4.2 K)	15251B	V261	$1,691.75
1-1/4"	1/2" (5.6 K)	15251C	V261	$1,691.75
1-1/4"	17/32" (8.0 K)	15251D	V261	$1,691.75
1-1/4"	17/32" (8.0 K)	15251E	V261	$1,691.75
1-1/2"	3/8" (2.8 K)	15256A	V261	$1,678.01
1-1/2"	7/16" (4.2 K)	15256B	V261	$1,678.01
1-1/2"	1/2" (5.6 K)	15256C	V261	$1,678.01
1-1/2"	17/32" (8.0 K)	15256D	V261	$1,678.01
1-1/2"	17/32" (8.0 K)	15256E	V261	$1,678.01
2"	3/8" (2.8 K)	15259A	V261	$1,959.89
2"	7/16" (4.2 K)	15259B	V261	$1,959.89
2"	1/2" (5.6 K)	15259C	V261	$1,959.89
2"	17/32" (8.0 K)	15259D	V261	$1,959.89
2"	ELO (11.2 K)	15259E	V261	$1,959.89

Size	Orifice Size	Part #	IPG	List Price
Thread x Thread (schedule 40)				
1-1/4"	3/8" (2.8 K)	14871A	V261	$1,668.59
1-1/4"	7/16" (4.2 K)	14871B	V261	$1,668.59
1-1/4"	1/2" (5.6 K)	14871C	V261	$1,668.59
1-1/4"	17/32" (8.0 K)	14871D	V261	$1,668.59
1-1/4"	17/32" (8.0 K)	14871E	V261	$1,668.59
1-1/2"	3/8" (2.8 K)	14875A	V261	$1,672.18
1-1/2"	7/16" (4.2 K)	14875B	V261	$1,672.18
1-1/2"	1/2" (5.6 K)	14875C	V261	$1,672.18
1-1/2"	17/32" (8.0 K)	14875D	V261	$1,672.18
1-1/2"	17/32" (8.0 K)	14875E	V261	$1,672.18
2"	3/8" (2.8 K)	14935A	V261	$1,670.58
2"	7/16" (4.2 K)	14935B	V261	$1,670.58
2"	1/2" (5.6 K)	14935C	V261	$1,670.58
2"	17/32" (8.0 K)	14935D	V261	$1,670.58
2"	ELO (11.2 K)	14935E	V261	$1,670.58

COMMERCIAL (with TESTanDRAIN® and PRV)

Size	Orifice Size	PRV[1]	Part #	IPG	List Price
Groove x Groove (schedule 10)					
1-1/4"	3/8" (2.8 K)	175	14874A175	V261	$1,852.17
1-1/4"	3/8" (2.8 K)	205	14874A205	V261	$1,852.17
1-1/4"	3/8" (2.8 K)	250	14874A250	V261	$1,852.17
1-1/4"	7/16" (4.2 K)	175	14874B175	V261	$1,852.17
1-1/4"	7/16" (4.2 K)	205	14874B205	V261	$1,852.17
1-1/4"	7/16" (4.2 K)	250	14874B250	V261	$1,852.17
1-1/4"	1/2" (5.6 K)	175	14874C175	V261	$1,852.17
1-1/4"	1/2" (5.6 K)	205	14874C205	V261	$1,852.17
1-1/4"	1/2" (5.6 K)	250	14874C250	V261	$1,852.17
1-1/4"	17/32" (8.0 K)	175	14874D175	V261	$1,852.17
1-1/4"	17/32" (8.0 K)	205	14874D205	V261	$1,852.17
1-1/4"	17/32" (8.0 K)	250	14874D250	V261	$1,852.17
1-1/4"	ELO (11.2 K)	175	14874E175	V261	$1,852.17
1-1/4"	ELO (11.2 K)	205	14874E205	V261	$1,852.17
1-1/4"	ELO (11.2 K)	250	14874E250	V261	$1,852.17
1-1/2"	3/8" (2.8 K)	175	14878A175	V261	$1,854.56
1-1/2"	3/8" (2.8 K)	205	14878A205	V261	$1,854.56
1-1/2"	3/8" (2.8 K)	250	14878A250	V261	$1,854.56
1-1/2"	7/16" (4.2 K)	175	14878B175	V261	$1,854.56
1-1/2"	7/16" (4.2 K)	205	14878B205	V261	$1,854.56
1-1/2"	7/16" (4.2 K)	250	14878B250	V261	$1,854.56
1-1/2"	1/2" (5.6 K)	175	14878C175	V261	$1,854.56
1-1/2"	1/2" (5.6 K)	205	14878C205	V261	$1,854.56
1-1/2"	1/2" (5.6 K)	250	14878C250	V261	$1,854.56
1-1/2"	17/32" (8.0 K)	175	14878D175	V261	$1,854.56
1-1/2"	17/32" (8.0 K)	205	14878D205	V261	$1,854.56
1-1/2"	17/32" (8.0 K)	250	14878D250	V261	$1,854.56
1-1/2"	ELO (11.2 K)	175	14878E175	V261	$1,854.56
1-1/2"	ELO (11.2 K)	205	14878E205	V261	$1,854.56
1-1/2"	ELO (11.2 K)	250	14878E250	V261	$1,854.56

Size	Orifice Size	PRV[1]	Part #	IPG	List Price
Groove x Groove (schedule 10)					
2"	3/8" (2.8 K)	175	14851A175	V261	$1,828.46
2"	3/8" (2.8 K)	205	14851A205	V261	$1,828.46
2"	3/8" (2.8 K)	250	14851A250	V261	$1,828.46
2"	7/16" (4.2 K)	175	14851B175	V261	$1,828.46
2"	7/16" (4.2 K)	205	14851B205	V261	$1,828.46
2"	7/16" (4.2 K)	250	14851B250	V261	$1,828.46
2"	1/2" (5.6 K)	175	14851C175	V261	$1,828.46
2"	1/2" (5.6 K)	205	14851C205	V261	$1,828.46
2"	1/2" (5.6 K)	250	14851C250	V261	$1,828.46
2"	17/32" (8.0 K)	175	14851D175	V261	$1,828.46
2"	17/32" (8.0 K)	205	14851D205	V261	$1,828.46
2"	17/32" (8.0 K)	250	14851D250	V261	$1,828.46
2"	ELO (11.2 K)	175	14851E175	V261	$1,828.46
2"	ELO (11.2 K)	205	14851E205	V261	$1,828.46
2"	ELO (11.2 K)	250	14851E250	V261	$1,828.46
2-1/2"	3/8" (2.8 K)	175	14854A175	V261	$1,858.94
2-1/2"	3/8" (2.8 K)	205	14854A205	V261	$1,858.94
2-1/2"	3/8" (2.8 K)	250	14854A250	V261	$1,858.94
2-1/2"	7/16" (4.2 K)	175	14854B175	V261	$1,858.94
2-1/2"	7/16" (4.2 K)	205	14854B205	V261	$1,858.94
2-1/2"	7/16" (4.2 K)	250	14854B250	V261	$1,858.94
2-1/2"	1/2" (5.6 K)	175	14854C175	V261	$1,858.94
2-1/2"	1/2" (5.6 K)	205	14854C205	V261	$1,858.94
2-1/2"	1/2" (5.6 K)	250	14854C250	V261	$1,858.94
2-1/2"	17/32" (8.0 K)	175	14854D175	V261	$1,858.94
2-1/2"	17/32" (8.0 K)	205	14854D205	V261	$1,858.94
2-1/2"	17/32" (8.0 K)	250	14854D250	V261	$1,858.94
2-1/2"	ELO (11.2 K)	175	14854E175	V261	$1,858.94
2-1/2"	ELO (11.2 K)	205	14854E205	V261	$1,858.94
2-1/2"	ELO (11.2 K)	250	14854E250	V261	$1,858.94
2-1/2"	ESFR (14.0 K)	175	14854F175	V261	$1,858.94
2-1/2"	ESFR (14.0 K)	205	14854F205	V261	$1,858.94
2-1/2"	ESFR (14.0 K)	250	14854F250	V261	$1,858.94

(1) Refers to factory pressure setting (psi) of pressure relief valve (PRV). See technical data page # 31 a-e for details.

COMMERCIAL (with TESTanDRAIN® and PRV)											
Size	Orifice Size	PRV[1]	Part #	IPG	List Price	Size	Orifice Size	PRV[1]	Part #	IPG	List Price
Groove x Groove (schedule 10)						Groove x Groove (schedule 10)					
3"	3/8" (2.8 K)	175	14857A175	V261	$1,977.50	6"	3/8" (2.8 K)	175	14863A175	V261	$2,733.33
3"	3/8" (2.8 K)	205	14857A205	V261	$1,977.50	6"	3/8" (2.8 K)	205	14863A205	V261	$2,733.33
3"	3/8" (2.8 K)	250	14857A250	V261	$1,977.50	6"	3/8" (2.8 K)	250	14863A250	V261	$2,733.33
3"	7/16" (4.2 K)	175	14857B175	V261	$1,977.50	6"	7/16" (4.2 K)	175	14863B175	V261	$2,733.33
3"	7/16" (4.2 K)	205	14857B205	V261	$1,977.50	6"	7/16" (4.2 K)	205	14863B205	V261	$2,733.33
3"	7/16" (4.2 K)	250	14857B250	V261	$1,977.50	6"	7/16" (4.2 K)	250	14863B250	V261	$2,733.33
3"	1/2" (5.6 K)	175	14857C175	V261	$1,977.50	6"	1/2" (5.6 K)	175	14863C175	V261	$2,733.33
3"	1/2" (5.6 K)	205	14857C205	V261	$1,977.50	6"	1/2" (5.6 K)	205	14863C205	V261	$2,733.33
3"	1/2" (5.6 K)	250	14857C250	V261	$1,977.50	6"	1/2" (5.6 K)	250	14863C250	V261	$2,733.33
3"	17/32" (8.0 K)	175	14857D175	V261	$1,977.50	6"	17/32" (8.0 K)	175	14863D175	V261	$2,733.33
3"	17/32" (8.0 K)	205	14857D205	V261	$1,977.50	6"	17/32" (8.0 K)	205	14863D205	V261	$2,733.33
3"	17/32" (8.0 K)	250	14857D250	V261	$1,977.50	6"	17/32" (8.0 K)	250	14863D250	V261	$2,733.33
3"	ELO (11.2 K)	175	14857E175	V261	$1,977.50	6"	ELO (11.2 K)	175	14863E175	V261	$2,733.33
3"	ELO (11.2 K)	205	14857E205	V261	$1,977.50	6"	ELO (11.2 K)	205	14863E205	V261	$2,733.33
3"	ELO (11.2 K)	250	14857E250	V261	$1,977.50	6"	ELO (11.2 K)	250	14863E250	V261	$2,733.33
3"	ESFR - 14.0 K	175	14857F175	V261	$1,977.50	6"	ESFR - 14.0 K	175	14863F175	V261	$2,733.33
3"	ESFR - 14.0 K	205	14857F205	V261	$1,977.50	6"	ESFR - 14.0 K	205	14863F205	V261	$2,733.33
3"	ESFR - 14.0 K	250	14857F250	V261	$1,977.50	6"	ESFR - 14.0 K	250	14863F250	V261	$2,733.33
3"	ESFR - 25.2 K	175	14857G175	V261	P.O.A.	6"	ESFR - 25.2 K	175	14863G175	V261	$2,761.92
3"	ESFR - 25.2 K	205	14857G205	V261	P.O.A.	6"	ESFR - 25.2 K	205	14863G205	V261	$2,761.92
3"	ESFR - 25.2 K	250	14857G250	V261	P.O.A.	6"	ESFR - 25.2 K	250	14863G250	V261	$2,761.92
4"	3/8" (2.8 K)	175	14860A175	V261	$2,540.43	8"	3/8" (2.8 K)	175	15266A175	V261	$3,695.17
4"	3/8" (2.8 K)	205	14860A205	V261	$2,540.43	8"	3/8" (2.8 K)	205	15266A205	V261	$3,695.17
4"	3/8" (2.8 K)	250	14860A250	V261	$2,540.43	8"	3/8" (2.8 K)	250	15266A250	V261	$3,695.17
4"	7/16" (4.2 K)	175	14860B175	V261	$2,540.43	8"	7/16" (4.2 K)	175	15266B175	V261	$3,695.17
4"	7/16" (4.2 K)	205	14860B205	V261	$2,540.43	8"	7/16" (4.2 K)	205	15266B205	V261	$3,695.17
4"	7/16" (4.2 K)	250	14860B250	V261	$2,540.43	8"	7/16" (4.2 K)	250	15266B250	V261	$3,695.17
4"	1/2" (5.6 K)	175	14860C175	V261	$2,540.43	8"	1/2" (5.6 K)	175	15266C175	V261	$3,695.17
4"	1/2" (5.6 K)	205	14860C205	V261	$2,540.43	8"	1/2" (5.6 K)	205	15266C205	V261	$3,695.17
4"	1/2" (5.6 K)	250	14860C250	V261	$2,540.43	8"	1/2" (5.6 K)	250	15266C250	V261	$3,695.17
4"	17/32" (8.0 K)	175	14860D175	V261	$2,540.43	8"	17/32" (8.0 K)	175	15266D175	V261	$3,695.17
4"	17/32" (8.0 K)	205	14860D205	V261	$2,540.43	8"	17/32" (8.0 K)	205	15266D205	V261	$3,695.17
4"	17/32" (8.0 K)	250	14860D250	V261	$2,540.43	8"	17/32" (8.0 K)	250	15266D250	V261	$3,695.17
4"	ELO (11.2 K)	175	14860E175	V261	$2,540.43	8"	ELO (11.2 K)	175	15266E175	V261	$3,695.17
4"	ELO (11.2 K)	205	14860E205	V261	$2,540.43	8"	ELO (11.2 K)	205	15266E205	V261	$3,695.17
4"	ELO (11.2 K)	250	14860E250	V261	$2,540.43	8"	ELO (11.2 K)	250	15266E250	V261	$3,695.17
4"	ESFR (14.0 K)	175	14860F175	V261	$2,540.43	8"	ESFR (14.0 K)	175	15266F175	V261	$3,695.17
4"	ESFR (14.0 K)	205	14860F205	V261	$2,540.43	8"	ESFR (14.0 K)	205	15266F205	V261	$3,695.17
4"	ESFR (14.0 K)	250	14860F250	V261	$2,540.43	8"	ESFR (14.0 K)	250	15266F250	V261	$3,695.17
4"	ESFR (25.2 K)	175	14860G175	V261	$2,635.17	8"	ESFR (25.2 K)	175	15266G175	V261	$3,695.17
4"	ESFR (25.2 K)	205	14860G205	V261	$2,635.17	8"	ESFR (25.2 K)	205	15266G205	V261	$3,695.17
4"	ESFR (25.2 K)	250	14860G250	V261	$2,635.17	8"	ESFR (25.2 K)	250	15266G250	V261	$3,695.17

(1) Refers to factory pressure setting (psi) of pressure relief valve (PRV). See technical data page # 31 a-e for details.

TESTanDRAIN® is a registered trademark of AGF Manufacturing, Inc.

COMMERCIAL (with TESTanDRAIN® and PRV)											
Size	Orifice Size	PRV[1]	Part #	IPG	List Price	Size	Orifice Size	PRV[1]	Part #	IPG	List Price
Thread x Groove (schedule 40)						Thread x Thread (schedule 40)					
1-1/4"	3/8" (2.8 K)	175	15252A175	V261	$1,876.74	1-1/4"	3/8" (2.8 K)	175	14873A175	V261	$1,853.60
1-1/4"	3/8" (2.8 K)	205	15252A205	V261	$1,876.74	1-1/4"	3/8" (2.8 K)	205	14873A205	V261	$1,853.60
1-1/4"	3/8" (2.8 K)	250	15252A250	V261	$1,876.74	1-1/4"	3/8" (2.8 K)	250	14873A250	V261	$1,853.60
1-1/4"	7/16" (4.2 K)	175	15252B175	V261	$1,876.74	1-1/4"	7/16" (4.2 K)	175	14873B175	V261	$1,853.60
1-1/4"	7/16" (4.2 K)	205	15252B205	V261	$1,876.74	1-1/4"	7/16" (4.2 K)	205	14873B205	V261	$1,853.60
1-1/4"	7/16" (4.2 K)	250	15252B250	V261	$1,876.74	1-1/4"	7/16" (4.2 K)	250	14873B250	V261	$1,853.60
1-1/4"	1/2" (5.6 K)	175	15252C175	V261	$1,876.74	1-1/4"	1/2" (5.6 K)	175	14873C175	V261	$1,853.60
1-1/4"	1/2" (5.6 K)	205	15252C205	V261	$1,876.74	1-1/4"	1/2" (5.6 K)	205	14873C205	V261	$1,853.60
1-1/4"	1/2" (5.6 K)	250	15252C250	V261	$1,876.74	1-1/4"	1/2" (5.6 K)	250	14873C250	V261	$1,853.60
1-1/4"	17/32" (8.0 K)	175	15252D175	V261	$1,876.74	1-1/4"	17/32" (8.0 K)	175	14873D175	V261	$1,853.60
1-1/4"	17/32" (8.0 K)	205	15252D205	V261	$1,876.74	1-1/4"	17/32" (8.0 K)	205	14873D205	V261	$1,853.60
1-1/4"	17/32" (8.0 K)	250	15252D250	V261	$1,876.74	1-1/4"	17/32" (8.0 K)	250	14873D250	V261	$1,853.60
1-1/4"	ELO (11.2 K)	175	15252E175	V261	$1,876.74	1-1/4"	ELO (11.2 K)	175	14873E175	V261	$1,853.60
1-1/4"	ELO (11.2 K)	205	15252E205	V261	$1,876.74	1-1/4"	ELO (11.2 K)	205	14873E205	V261	$1,853.60
1-1/4"	ELO (11.2 K)	250	15252E250	V261	$1,876.74	1-1/4"	ELO (11.2 K)	250	14873E250	V261	$1,853.60
1-1/2"	3/8" (2.8 K)	175	15257A175	V261	$1,863.03	1-1/2"	3/8" (2.8 K)	175	14877A175	V261	$1,857.16
1-1/2"	3/8" (2.8 K)	205	15257A205	V261	$1,863.03	1-1/2"	3/8" (2.8 K)	205	14877A205	V261	$1,857.16
1-1/2"	3/8" (2.8 K)	250	15257A250	V261	$1,863.03	1-1/2"	3/8" (2.8 K)	250	14877A250	V261	$1,857.16
1-1/2"	7/16" (4.2 K)	175	15257B175	V261	$1,863.03	1-1/2"	7/16" (4.2 K)	175	14877B175	V261	$1,857.16
1-1/2"	7/16" (4.2 K)	205	15257B205	V261	$1,863.03	1-1/2"	7/16" (4.2 K)	205	14877B205	V261	$1,857.16
1-1/2"	7/16" (4.2 K)	250	15257B250	V261	$1,863.03	1-1/2"	7/16" (4.2 K)	250	14877B250	V261	$1,857.16
1-1/2"	1/2" (5.6 K)	175	15257C175	V261	$1,863.03	1-1/2"	1/2" (5.6 K)	175	14877C175	V261	$1,857.16
1-1/2"	1/2" (5.6 K)	205	15257C205	V261	$1,863.03	1-1/2"	1/2" (5.6 K)	205	14877C205	V261	$1,857.16
1-1/2"	1/2" (5.6 K)	250	15257C250	V261	$1,863.03	1-1/2"	1/2" (5.6 K)	250	14877C250	V261	$1,857.16
1-1/2"	17/32" (8.0 K)	175	15257D175	V261	$1,863.03	1-1/2"	17/32" (8.0 K)	175	14877D175	V261	$1,857.16
1-1/2"	17/32" (8.0 K)	205	15257D205	V261	$1,863.03	1-1/2"	17/32" (8.0 K)	205	14877D205	V261	$1,857.16
1-1/2"	17/32" (8.0 K)	250	15257D250	V261	$1,863.03	1-1/2"	17/32" (8.0 K)	250	14877D250	V261	$1,857.16
1-1/2"	ELO (11.2 K)	175	15257E175	V261	$1,863.03	1-1/2"	ELO (11.2 K)	175	14877E175	V261	$1,857.16
1-1/2"	ELO (11.2 K)	205	15257E205	V261	$1,863.03	1-1/2"	ELO (11.2 K)	205	14877E205	V261	$1,857.16
1-1/2"	ELO (11.2 K)	250	15257E250	V261	$1,863.03	1-1/2"	ELO (11.2 K)	250	14877E250	V261	$1,857.16
2"	3/8" (2.8 K)	175	15260A175	V261	$2,181.34	2"	3/8" (2.8 K)	175	14847A175	V261	$1,858.94
2"	3/8" (2.8 K)	205	15260A205	V261	$2,181.34	2"	3/8" (2.8 K)	205	14847A205	V261	$1,858.94
2"	3/8" (2.8 K)	250	15260A250	V261	$2,181.34	2"	3/8" (2.8 K)	250	14847A250	V261	$1,858.94
2"	7/16" (4.2 K)	175	15260B175	V261	$2,181.34	2"	7/16" (4.2 K)	175	14847B175	V261	$1,858.94
2"	7/16" (4.2 K)	205	15260B205	V261	$2,181.34	2"	7/16" (4.2 K)	205	14847B205	V261	$1,858.94
2"	7/16" (4.2 K)	250	15260B250	V261	$2,181.34	2"	7/16" (4.2 K)	250	14847B250	V261	$1,858.94
2"	1/2" (5.6 K)	175	15260C175	V261	$2,181.34	2"	1/2" (5.6 K)	175	14847C175	V261	$1,858.94
2"	1/2" (5.6 K)	205	15260C205	V261	$2,181.34	2"	1/2" (5.6 K)	205	14847C205	V261	$1,858.94
2"	1/2" (5.6 K)	250	15260C250	V261	$2,181.34	2"	1/2" (5.6 K)	250	14847C250	V261	$1,858.94
2"	17/32" (8.0 K)	175	15260D175	V261	$2,181.34	2"	17/32" (8.0 K)	175	14847D175	V261	$1,858.94
2"	17/32" (8.0 K)	205	15260D205	V261	$2,181.34	2"	17/32" (8.0 K)	205	14847D205	V261	$1,858.94
2"	17/32" (8.0 K)	250	15260D250	V261	$2,181.34	2"	17/32" (8.0 K)	250	14847D250	V261	$1,858.94
2"	ELO (11.2 K)	175	15260E175	V261	$2,181.34	2"	ELO (11.2 K)	175	14874E175	V261	$1,852.17
2"	ELO (11.2 K)	205	15260E205	V261	$2,181.34	2"	ELO (11.2 K)	205	14874E205	V261	$1,852.17
2"	ELO (11.2 K)	250	15260E250	V261	$2,181.34	2"	ELO (11.2 K)	250	14874E250	V261	$1,852.17

(1) Refers to factory pressure setting (psi) of pressure relief valve (PRV). See technical data page # 31 a-e for details.

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EasyPac™ FLOOR CONTROL Riser Assemblies

Basic (w/ ball valve)	TESTanDRAIN®	TESTanDRAIN® & PRV

Features and Benefits of all EasyPac™ Riser Assemblies

- Assembled in the United States.
- Made with UL listed and FM approved components.
- Field replaceable parts for ease of service.
- Fabricated steel riser body with black E-coat finish.
- Compact, lightweight design for easy installation.
- Built-in test port allows hydrostatic testing w/out draining system.
- Pressure rating: 250 PSI max water working pressure.
- Includes Potter® VSR flow switch.

Floor Control - Basic (with ball valve)

Size	Part #	IPG	List Price
Groove x Groove (schedule 10)			
1-1/4"	15270	V262	$1,032.63
1-1/2"	15279	V262	$1,102.58
2"	15288	V262	$989.30
2-1/2"	15297	V262	$999.72
3"	15300	V262	$1,140.57
4"	15303	V262	$1,329.63
6"	15294	V262	$1,417.47
8"	15261	V262	$1,669.26
Thread x Groove (schedule 40)			
1-1/4"	15273	V262	$1,058.33
1-1/2"	15282	V262	$1,111.45
2"	15291	V262	$1,012.95
Thread x Thread (schedule 40)			
1-1/4"	15267	V262	$1,034.14
1-1/2"	15276	V262	$1,104.82
2"	15285	V262	$1,021.42

FLOOR CONTROL (with TESTanDRAIN®)

Size	Orifice Size	Part #	IPG	List Price
Groove x Groove (schedule 10)				
1-1/4"	3/8" (2.8 K)	15271A	V262	$1,741.24
1-1/4"	7/16" (4.2 K)	15271B	V262	$1,741.24
1-1/4"	1/2" (5.6 K)	15271C	V262	$1,741.24
1-1/4"	17/32" (8.0 K)	15271D	V262	$1,741.24
1-1/4"	ELO (11.2 K)	15271E	V262	$1,741.24
1-1/2"	3/8" (2.8 K)	15280A	V262	$1,743.73
1-1/2"	7/16" (4.2 K)	15280B	V262	$1,743.73
1-1/2"	1/2" (5.6 K)	15280C	V262	$1,743.73
1-1/2"	17/32" (8.0 K)	15280D	V262	$1,743.73
1-1/2"	ELO (11.2 K)	15280E	V262	$1,743.73
2"	3/8" (2.8 K)	15289A	V262	$1,717.15
2"	7/16" (4.2 K)	15289B	V262	$1,717.15
2"	1/2" (5.6 K)	15289C	V262	$1,717.15
2"	17/32" (8.0 K)	15289D	V262	$1,717.15
2"	ELO (11.2 K)	15289E	V262	$1,717.15
2-1/2"	3/8" (2.8 K)	15298A	V262	$1,730.76
2-1/2"	7/16" (4.2 K)	15298B	V262	$1,730.76
2-1/2"	1/2" (5.6 K)	15298C	V262	$1,730.76
2-1/2"	17/32" (8.0 K)	15298D	V262	$1,730.76
2-1/2"	ELO (11.2 K)	15298E	V262	$1,730.76
2-1/2"	ESFR (14.0 K)	15298F	V262	$1,730.76
2-1/2"	ESFR (25.2 K)	15298G	V262	P.O.A.

Size	Orifice Size	Part #	IPG	List Price
Groove x Groove (schedule 10)				
3"	3/8" (2.8 K)	15301A	V262	$1,804.48
3"	7/16" (4.2 K)	15301B	V262	$1,804.48
3"	1/2" (5.6 K)	15301C	V262	$1,804.48
3"	17/32" (8.0 K)	15301D	V262	$1,804.48
3"	ELO (11.2 K)	15301E	V262	$1,804.48
3"	ESFR (14.0 K)	15301F	V262	$1,804.48
3"	ESFR (25.2 K)	15301G	V262	P.O.A.
4"	3/8" (2.8 K)	15304A	V262	$2,461.32
4"	7/16" (4.2 K)	15304B	V262	$2,461.32
4"	1/2" (5.6 K)	15304C	V262	$2,461.32
4"	17/32" (8.0 K)	15304D	V262	$2,461.32
4"	ELO (11.2 K)	15304E	V262	$2,461.32
4"	ESFR (14.0 K)	15304F	V262	$2,461.32
4"	ESFR (25.2 K)	15304G	V262	P.O.A.
6"	3/8" (2.8 K)	15295A	V262	$2,593.78
6"	7/16" (4.2 K)	15295B	V262	$2,593.78
6"	1/2" (5.6 K)	15295C	V262	$2,593.78
6"	17/32" (8.0 K)	15295D	V262	$2,593.78
6"	ELO (11.2 K)	15295E	V262	$2,593.78
6"	ESFR (14.0 K)	15295F	V262	$2,593.78
6"	ESFR (25.2 K)	15295G	V262	P.O.A.
8"	3/8" (2.8 K)	15262A	V262	$2,871.67
8"	7/16" (4.2 K)	15262B	V262	$2,871.67
8"	1/2" (5.6 K)	15262C	V262	$2,871.67
8"	17/32" (8.0 K)	15262D	V262	$2,871.67
8"	ELO (11.2 K)	15262E	V262	$2,871.67
8"	ESFR (14.0 K)	15262F	V262	$2,871.67
8"	ESFR (25.2 K)	15262G	V262	$2,977.00

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FLOOR CONTROL (with TESTanDRAIN®)

Size	Orifice Size	Part #	IPG	List Price
Thread x Groove (schedule 40)				
1-1/4"	3/8" (2.8 K)	15274A	V262	$1,766.93
1-1/4"	7/16" (4.2 K)	15274B	V262	$1,766.93
1-1/4"	1/2" (5.6 K)	15274C	V262	$1,766.93
1-1/4"	17/32" (8.0 K)	15274D	V262	$1,766.93
1-1/4"	17/32" (8.0 K)	15274E	V262	$1,766.93
1-1/2"	3/8" (2.8 K)	15283A	V262	$1,752.61
1-1/2"	7/16" (4.2 K)	15283B	V262	$1,752.61
1-1/2"	1/2" (5.6 K)	15283C	V262	$1,752.61
1-1/2"	17/32" (8.0 K)	15283D	V262	$1,752.61
1-1/2"	17/32" (8.0 K)	15283E	V262	$1,752.61
2"	3/8" (2.8 K)	15292A	V262	$1,740.83
2"	7/16" (4.2 K)	15292B	V262	$1,740.83
2"	1/2" (5.6 K)	15292C	V262	$1,740.83
2"	17/32" (8.0 K)	15292D	V262	$1,740.83
2"	ELO (11.2 K)	15292E	V262	$1,740.83

Size	Orifice Size	Part #	IPG	List Price
Thread x Thread (schedule 40)				
1-1/4"	3/8" (2.8 K)	15268A	V262	$1,742.74
1-1/4"	7/16" (4.2 K)	15268B	V262	$1,742.74
1-1/4"	1/2" (5.6 K)	15268C	V262	$1,742.74
1-1/4"	17/32" (8.0 K)	15268D	V262	$1,742.74
1-1/4"	17/32" (8.0 K)	15268E	V262	$1,742.74
1-1/2"	3/8" (2.8 K)	15277A	V262	$1,746.50
1-1/2"	7/16" (4.2 K)	15277B	V262	$1,746.50
1-1/2"	1/2" (5.6 K)	15277C	V262	$1,746.50
1-1/2"	17/32" (8.0 K)	15277D	V262	$1,746.50
1-1/2"	17/32" (8.0 K)	15277E	V262	$1,746.50
2"	3/8" (2.8 K)	15286A	V262	$1,749.29
2"	7/16" (4.2 K)	15286B	V262	$1,749.29
2"	1/2" (5.6 K)	15286C	V262	$1,749.29
2"	17/32" (8.0 K)	15286D	V262	$1,749.29
2"	ELO (11.2 K)	15286E	V262	$1,749.29

FLOOR CONTROL (with TESTanDRAIN® and PRV)

Size	Orifice Size	PRV[1]	Part #	IPG	List Price
Groove x Groove (schedule 10)					
1-1/4"	3/8" (2.8 K)	175	15272A175	V262	$1,934.46
1-1/4"	3/8" (2.8 K)	205	15272A205	V262	$1,934.46
1-1/4"	3/8" (2.8 K)	250	15272A250	V262	$1,934.46
1-1/4"	7/16" (4.2 K)	175	15272B175	V262	$1,934.46
1-1/4"	7/16" (4.2 K)	205	15272B205	V262	$1,934.46
1-1/4"	7/16" (4.2 K)	250	15272B250	V262	$1,934.46
1-1/4"	1/2" (5.6 K)	175	15272C175	V262	$1,934.46
1-1/4"	1/2" (5.6 K)	205	15272C205	V262	$1,934.46
1-1/4"	1/2" (5.6 K)	250	15272C250	V262	$1,934.46
1-1/4"	17/32" (8.0 K)	175	15272D175	V262	$1,934.46
1-1/4"	17/32" (8.0 K)	205	15272D205	V262	$1,934.46
1-1/4"	17/32" (8.0 K)	250	15272D250	V262	$1,934.46
1-1/4"	ELO (11.2 K)	175	15272E175	V262	$1,934.46
1-1/4"	ELO (11.2 K)	205	15272E205	V262	$1,934.46
1-1/4"	ELO (11.2 K)	250	15272E250	V262	$1,934.46
1-1/2"	3/8" (2.8 K)	175	15281A175	V262	$1,936.99
1-1/2"	3/8" (2.8 K)	205	15281A205	V262	$1,936.99
1-1/2"	3/8" (2.8 K)	250	15281A250	V262	$1,936.99
1-1/2"	7/16" (4.2 K)	175	15281B175	V262	$1,936.99
1-1/2"	7/16" (4.2 K)	205	15281B205	V262	$1,936.99
1-1/2"	7/16" (4.2 K)	250	15281B250	V262	$1,936.99
1-1/2"	1/2" (5.6 K)	175	15281C175	V262	$1,936.99
1-1/2"	1/2" (5.6 K)	205	15281C205	V262	$1,936.99
1-1/2"	1/2" (5.6 K)	250	15281C250	V262	$1,936.99
1-1/2"	17/32" (8.0 K)	175	15281D175	V262	$1,936.99
1-1/2"	17/32" (8.0 K)	205	15281D205	V262	$1,936.99
1-1/2"	17/32" (8.0 K)	250	15281D250	V262	$1,936.99
1-1/2"	ELO (11.2 K)	175	15281E175	V262	$1,936.99
1-1/2"	ELO (11.2 K)	205	15281E205	V262	$1,936.99
1-1/2"	ELO (11.2 K)	250	15281E250	V262	$1,936.99

Size	Orifice Size	PRV[1]	Part #	IPG	List Price
Groove x Groove (schedule 10)					
2"	3/8" (2.8 K)	175	15290A175	V262	$1,913.84
2"	3/8" (2.8 K)	205	15290A205	V262	$1,913.84
2"	3/8" (2.8 K)	250	15290A250	V262	$1,913.84
2"	7/16" (4.2 K)	175	15290B175	V262	$1,913.84
2"	7/16" (4.2 K)	205	15290B205	V262	$1,913.84
2"	7/16" (4.2 K)	250	15290B250	V262	$1,913.84
2"	1/2" (5.6 K)	175	15290C175	V262	$1,913.84
2"	1/2" (5.6 K)	205	15290C205	V262	$1,913.84
2"	1/2" (5.6 K)	250	15290C250	V262	$1,913.84
2"	17/32" (8.0 K)	175	15290D175	V262	$1,913.84
2"	17/32" (8.0 K)	205	15290D205	V262	$1,913.84
2"	17/32" (8.0 K)	250	15290D250	V262	$1,913.84
2"	ELO (11.2 K)	175	15290E175	V262	$1,913.84
2"	ELO (11.2 K)	205	15290E205	V262	$1,913.84
2"	ELO (11.2 K)	250	15290E250	V262	$1,913.84
2-1/2"	3/8" (2.8 K)	175	15299A175	V262	$1,927.76
2-1/2"	3/8" (2.8 K)	205	15299A205	V262	$1,927.76
2-1/2"	3/8" (2.8 K)	250	15299A250	V262	$1,927.76
2-1/2"	7/16" (4.2 K)	175	15299B175	V262	$1,927.76
2-1/2"	7/16" (4.2 K)	205	15299B205	V262	$1,927.76
2-1/2"	7/16" (4.2 K)	250	15299B250	V262	$1,927.76
2-1/2"	1/2" (5.6 K)	175	15299C175	V262	$1,927.76
2-1/2"	1/2" (5.6 K)	205	15299C205	V262	$1,927.76
2-1/2"	1/2" (5.6 K)	250	15299C250	V262	$1,927.76
2-1/2"	17/32" (8.0 K)	175	15299D175	V262	$1,927.76
2-1/2"	17/32" (8.0 K)	205	15299D205	V262	$1,927.76
2-1/2"	17/32" (8.0 K)	250	15299D250	V262	$1,927.76
2-1/2"	ELO (11.2 K)	175	15298E175	V262	P.O.A.
2-1/2"	ELO (11.2 K)	205	15298E205	V262	P.O.A.
2-1/2"	ELO (11.2 K)	250	15298E250	V262	P.O.A.
2-1/2"	ESFR (14.0 K)	175	15299F175	V262	$1,927.76
2-1/2"	ESFR (14.0 K)	205	15299F205	V262	$1,927.76
2-1/2"	ESFR (14.0 K)	250	15299F250	V262	$1,927.76

(1) Refers to factory pressure setting (psi) of pressure relief valve (PRV). See technical data page # 31 a-e for details.

FLOOR CONTROL (with TESTanDRAIN® and PRV)

Size	Orifice Size	PRV[1]	Part #	IPG	List Price
Groove x Groove (schedule 10)					
3"	3/8" (2.8 K)	175	15302A175	V262	$2,068.62
3"	3/8" (2.8 K)	205	15302A205	V262	$2,068.62
3"	3/8" (2.8 K)	250	15302A250	V262	$2,068.62
3"	7/16" (4.2 K)	175	15302B175	V262	$2,068.62
3"	7/16" (4.2 K)	205	15302B205	V262	$2,068.62
3"	7/16" (4.2 K)	250	15302B250	V262	$2,068.62
3"	1/2" (5.6 K)	175	15302C175	V262	$2,068.62
3"	1/2" (5.6 K)	205	15302C205	V262	$2,068.62
3"	1/2" (5.6 K)	250	15302C250	V262	$2,068.62
3"	17/32" (8.0 K)	175	15302D175	V262	$2,068.62
3"	17/32" (8.0 K)	205	15302D205	V262	$2,068.62
3"	17/32" (8.0 K)	250	15302D250	V262	$2,068.62
3"	ELO (11.2 K)	175	15302E175	V262	$2,068.62
3"	ELO (11.2 K)	205	15302E205	V262	$2,068.62
3"	ELO (11.2 K)	250	15302E250	V262	$2,068.62
3"	ESFR (14.0 K)	175	15302F175	V262	$2,068.62
3"	ESFR (14.0 K)	205	15302F205	V262	$2,068.62
3"	ESFR (14.0 K)	250	15302F250	V262	$2,068.62
3"	ESFR (25.2 K)	175	15302G175	V262	P.O.A.
3"	ESFR (25.2 K)	205	15302G205	V262	P.O.A.
3"	ESFR (25.2 K)	250	15302G250	V262	P.O.A.
4"	3/8" (2.8 K)	175	15305A175	V262	$2,654.55
4"	3/8" (2.8 K)	205	15305A205	V262	$2,654.55
4"	3/8" (2.8 K)	250	15305A250	V262	$2,654.55
4"	7/16" (4.2 K)	175	15305B175	V262	$2,654.55
4"	7/16" (4.2 K)	205	15305B205	V262	$2,654.55
4"	7/16" (4.2 K)	250	15305B250	V262	$2,654.55
4"	1/2" (5.6 K)	175	15305C175	V262	$2,654.55
4"	1/2" (5.6 K)	205	15305C205	V262	$2,654.55
4"	1/2" (5.6 K)	250	15305C250	V262	$2,654.55
4"	17/32" (8.0 K)	175	15305D175	V262	$2,654.55
4"	17/32" (8.0 K)	205	15305D205	V262	$2,654.55
4"	17/32" (8.0 K)	250	15305D250	V262	$2,654.55
4"	ELO (11.2 K)	175	15305E175	V262	$2,654.55
4"	ELO (11.2 K)	205	15305E205	V262	$2,654.55
4"	ELO (11.2 K)	250	15305E250	V262	$2,654.55
4"	ESFR (14.0 K)	175	15305F175	V262	$2,654.55
4"	ESFR (14.0 K)	205	15305F205	V262	$2,654.55
4"	ESFR (14.0 K)	250	15305F250	V262	$2,654.55
4"	ESFR (25.2 K)	175	15305G175	V262	P.O.A.
4"	ESFR (25.2 K)	205	15305G205	V262	P.O.A.
4"	ESFR (25.2 K)	250	15305G250	V262	P.O.A.

Size	Orifice Size	PRV[1]	Part #	IPG	List Price
Groove x Groove (schedule 10)					
6"	3/8" (2.8 K)	175	15296A175	V262	$2,787.02
6"	3/8" (2.8 K)	205	15296A205	V262	$2,787.02
6"	3/8" (2.8 K)	250	15296A250	V262	$2,787.02
6"	7/16" (4.2 K)	175	15296B175	V262	$2,787.02
6"	7/16" (4.2 K)	205	15296B205	V262	$2,787.02
6"	7/16" (4.2 K)	250	15296B250	V262	$2,787.02
6"	1/2" (5.6 K)	175	15296C175	V262	$2,787.02
6"	1/2" (5.6 K)	205	15296C205	V262	$2,787.02
6"	1/2" (5.6 K)	250	15296C250	V262	$2,787.02
6"	17/32" (8.0 K)	175	15296D175	V262	$2,787.02
6"	17/32" (8.0 K)	205	15296D205	V262	$2,787.02
6"	17/32" (8.0 K)	250	15296D250	V262	$2,787.02
6"	ELO (11.2 K)	175	15296E175	V262	$2,787.02
6"	ELO (11.2 K)	205	15296E205	V262	$2,787.02
6"	ELO (11.2 K)	250	15296E250	V262	$2,787.02
6"	ESFR (14.0 K)	175	15296F175	V262	$2,787.02
6"	ESFR (14.0 K)	205	15296F205	V262	$2,787.02
6"	ESFR (14.0 K)	250	15296F250	V262	$2,787.02
6"	ESFR (25.2 K)	175	15296G175	V262	$2,787.02
6"	ESFR (25.2 K)	205	15296G205	V262	P.O.A.
6"	ESFR (25.2 K)	250	15296G250	V262	P.O.A.
8"	3/8" (2.8 K)	175	15263A175	V262	$3,077.00
8"	3/8" (2.8 K)	205	15263A205	V262	$3,077.00
8"	3/8" (2.8 K)	250	15263A250	V262	$3,077.00
8"	7/16" (4.2 K)	175	15263B175	V262	$3,077.00
8"	7/16" (4.2 K)	205	15263B205	V262	$3,077.00
8"	7/16" (4.2 K)	250	15263B250	V262	$3,077.00
8"	1/2" (5.6 K)	175	15263C175	V262	$3,077.00
8"	1/2" (5.6 K)	205	15263C205	V262	$3,077.00
8"	1/2" (5.6 K)	250	15263C250	V262	$3,077.00
8"	17/32" (8.0 K)	175	15263D175	V262	$3,077.00
8"	17/32" (8.0 K)	205	15263D205	V262	$3,077.00
8"	17/32" (8.0 K)	250	15263D250	V262	$3,077.00
8"	ELO (11.2 K)	175	15263E175	V262	$3,077.00
8"	ELO (11.2 K)	205	15263E205	V262	$3,077.00
8"	ELO (11.2 K)	250	15263E250	V262	$3,077.00
8"	ESFR (14.0 K)	175	15263F175	V262	$3,077.00
8"	ESFR (14.0 K)	205	15263F205	V262	$3,077.00
8"	ESFR (14.0 K)	250	15263F250	V262	$3,077.00
8"	ESFR (25.2 K)	175	15263G175	V262	$3,182.30
8"	ESFR (25.2 K)	205	15263G205	V262	$3,182.30
8"	ESFR (25.2 K)	250	15263G250	V262	$3,182.30

(1) Refers to factory pressure setting (psi) of pressure relief valve (PRV). See technical data page # 31 a-e for details.

TESTanDRAIN® is a registered trademark of AGF Manufacturing, Inc.

FLOOR CONTROL (with TESTanDRAIN® and PRV)

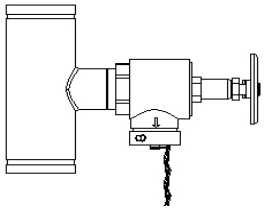
Size	Orifice Size	PRV[1]	Part #	IPG	List Price
Thread x Groove (schedule 40)					
1-1/4"	3/8" (2.8 K)	175	15275A175	V262	$1,960.16
1-1/4"	3/8" (2.8 K)	205	15275A205	V262	$1,960.16
1-1/4"	3/8" (2.8 K)	250	15275A250	V262	$1,960.16
1-1/4"	7/16" (4.2 K)	175	15275B175	V262	$1,960.16
1-1/4"	7/16" (4.2 K)	205	15275B205	V262	$1,960.16
1-1/4"	7/16" (4.2 K)	250	15275B250	V262	$1,960.16
1-1/4"	1/2" (5.6 K)	175	15275C175	V262	$1,960.16
1-1/4"	1/2" (5.6 K)	205	15275C205	V262	$1,960.16
1-1/4"	1/2" (5.6 K)	250	15275C250	V262	$1,960.16
1-1/4"	17/32" (8.0 K)	175	15275D175	V262	$1,960.16
1-1/4"	17/32" (8.0 K)	205	15275D205	V262	$1,960.16
1-1/4"	17/32" (8.0 K)	250	15275D250	V262	$1,960.16
1-1/4"	ELO (11.2 K)	175	15275E175	V262	$1,960.16
1-1/4"	ELO (11.2 K)	205	15275E205	V262	$1,960.16
1-1/4"	ELO (11.2 K)	250	15275E250	V262	$1,960.16
1-1/2"	3/8" (2.8 K)	175	15284A175	V262	$1,945.85
1-1/2"	3/8" (2.8 K)	205	15284A205	V262	$1,945.85
1-1/2"	3/8" (2.8 K)	250	15284A250	V262	$1,945.85
1-1/2"	7/16" (4.2 K)	175	15284B175	V262	$1,945.85
1-1/2"	7/16" (4.2 K)	205	15284B205	V262	$1,945.85
1-1/2"	7/16" (4.2 K)	250	15284B250	V262	$1,945.85
1-1/2"	1/2" (5.6 K)	175	15284C175	V262	$1,945.85
1-1/2"	1/2" (5.6 K)	205	15284C205	V262	$1,945.85
1-1/2"	1/2" (5.6 K)	250	15284C250	V262	$1,945.85
1-1/2"	17/32" (8.0 K)	175	15284D175	V262	$1,945.85
1-1/2"	17/32" (8.0 K)	205	15284D205	V262	$1,945.85
1-1/2"	17/32" (8.0 K)	250	15284D250	V262	$1,945.85
1-1/2"	ELO (11.2 K)	175	15284E175	V262	$1,945.85
1-1/2"	ELO (11.2 K)	205	15284E205	V262	$1,945.85
1-1/2"	ELO (11.2 K)	250	15284E250	V262	$1,945.85
2"	3/8" (2.8 K)	175	15293A175	V262	$1,937.51
2"	3/8" (2.8 K)	205	15293A205	V262	$1,937.51
2"	3/8" (2.8 K)	250	15293A250	V262	$1,937.51
2"	7/16" (4.2 K)	175	15293B175	V262	$1,937.51
2"	7/16" (4.2 K)	205	15293B205	V262	$1,937.51
2"	7/16" (4.2 K)	250	15293B250	V262	$1,937.51
2"	1/2" (5.6 K)	175	15293C175	V262	$1,937.51
2"	1/2" (5.6 K)	205	15293C205	V262	$1,937.51
2"	1/2" (5.6 K)	250	15293C250	V262	$1,937.51
2"	17/32" (8.0 K)	175	15293D175	V262	$1,937.51
2"	17/32" (8.0 K)	205	15293D205	V262	$1,937.51
2"	17/32" (8.0 K)	250	15293D250	V262	$1,937.51
2"	ELO (11.2 K)	175	15293E175	V262	$1,937.51
2"	ELO (11.2 K)	205	15293E205	V262	$1,937.51
2"	ELO (11.2 K)	250	15293E250	V262	$1,937.51

Size	Orifice Size	PRV[1]	Part #	IPG	List Price
Thread x Thread (schedule 40)					
1-1/4"	3/8" (2.8 K)	175	15269A175	V262	$1,935.97
1-1/4"	3/8" (2.8 K)	205	15269A205	V262	$1,935.97
1-1/4"	3/8" (2.8 K)	250	15269A250	V262	$1,935.97
1-1/4"	7/16" (4.2 K)	175	15269B175	V262	$1,935.97
1-1/4"	7/16" (4.2 K)	205	15269B205	V262	$1,935.97
1-1/4"	7/16" (4.2 K)	250	15269B250	V262	$1,935.97
1-1/4"	1/2" (5.6 K)	175	15269C175	V262	$1,935.97
1-1/4"	1/2" (5.6 K)	205	15269C205	V262	$1,935.97
1-1/4"	1/2" (5.6 K)	250	15269C250	V262	$1,935.97
1-1/4"	17/32" (8.0 K)	175	15269D175	V262	$1,935.97
1-1/4"	17/32" (8.0 K)	205	15269D205	V262	$1,935.97
1-1/4"	17/32" (8.0 K)	250	15269D250	V262	$1,935.97
1-1/4"	ELO (11.2 K)	175	15269E175	V262	$1,935.97
1-1/4"	ELO (11.2 K)	205	15269E205	V262	$1,935.97
1-1/4"	ELO (11.2 K)	250	15269E250	V262	$1,935.97
1-1/2"	3/8" (2.8 K)	175	15278A175	V262	$1,939.71
1-1/2"	3/8" (2.8 K)	205	15278A205	V262	$1,939.71
1-1/2"	3/8" (2.8 K)	250	15278A250	V262	$1,939.71
1-1/2"	7/16" (4.2 K)	175	15278B175	V262	$1,939.71
1-1/2"	7/16" (4.2 K)	205	15278B205	V262	$1,939.71
1-1/2"	7/16" (4.2 K)	250	15278B250	V262	$1,939.71
1-1/2"	1/2" (5.6 K)	175	15278C175	V262	$1,939.71
1-1/2"	1/2" (5.6 K)	205	15278C205	V262	$1,939.71
1-1/2"	1/2" (5.6 K)	250	15278C250	V262	$1,939.71
1-1/2"	17/32" (8.0 K)	175	15278D175	V262	$1,939.71
1-1/2"	17/32" (8.0 K)	205	15278D205	V262	$1,939.71
1-1/2"	17/32" (8.0 K)	250	15278D250	V262	$1,939.71
1-1/2"	ELO (11.2 K)	175	15278E175	V262	$1,939.71
1-1/2"	ELO (11.2 K)	205	15278E205	V262	$1,939.71
1-1/2"	ELO (11.2 K)	250	15278E250	V262	$1,939.71
2"	3/8" (2.8 K)	175	15287A175	V262	$1,945.97
2"	3/8" (2.8 K)	205	15287A205	V262	$1,945.97
2"	3/8" (2.8 K)	250	15287A250	V262	$1,945.97
2"	7/16" (4.2 K)	175	15287B175	V262	$1,945.97
2"	7/16" (4.2 K)	205	15287B205	V262	$1,945.97
2"	7/16" (4.2 K)	250	15287B250	V262	$1,945.97
2"	1/2" (5.6 K)	175	15287C175	V262	$1,945.97
2"	1/2" (5.6 K)	205	15287C205	V262	$1,945.97
2"	1/2" (5.6 K)	250	15287C250	V262	$1,945.97
2"	17/32" (8.0 K)	175	15287D175	V262	$1,945.97
2"	17/32" (8.0 K)	205	15287D205	V262	$1,945.97
2"	17/32" (8.0 K)	250	15287D250	V262	$1,945.97
2"	ELO (11.2 K)	175	15287E175	V262	$1,945.97
2"	ELO (11.2 K)	205	15287E205	V262	$1,945.97
2"	ELO (11.2 K)	250	15287E250	V262	$1,945.97

(1) Refers to factory pressure setting (psi) of pressure relief valve (PRV). See technical data page # 31 a-e for details.

TESTanDRAIN® is a registered trademark of AGF Manufacturing, Inc.

EasyPac™ STANDPIPE Assemblies



- Pressure Rating: 300 PSI (20.7 bar) max water working pressure.
- Fabricated steel pipe riser bodies with black E-coat.
- Available in grooved inlet and outlet connections (schedule 10 pipe).
- Includes 2-1/2" drain valve with cap and chain.

Standpipe Assemblies			
Size	**Part #**	**IPG**	**List Price**
International			
3"	15576	V253	$1,156.81
4"	15577	V253	$1,166.47
6"	15578	V253	$1,235.51
DOMESTIC [1]			
3"	15573	V253	$2,221.76
4"	15574	V253	$2,231.41
6"	15575	V253	$2,300.49

(1) Domestic part numbers include 100% US made components.

Viking Corporation
210 N. Industrial Park Drive
Hastings, MI 49058 U.S.A

Phone: (269) 945-9501
Toll Free: (800) 968-9501
Fax: (269) 945-9599
Web: www.vikinggroupinc.com

Notes

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Accelerators / Air Maintenance Devices..... M-3
Accessories and Components M-4

Notes

1. Refer to Viking technical data pages for complete product specifications. You may print or download technical data by visiting www.vikinggroupinc.com.
2. List prices effective January 12, 2019. Supersedes June 2018 list price book.
3. All sales by Viking are subject to the Terms & Conditions found on the last page of this book.

Model G Dry System (Pre-Assembled) - EXTERNALLY RESETTABLE VALVE

Model G Dry System - EXTERNAL RESET
Complete, pre-assembled dry valve and trim includes the following:
- Model G Dry Valve
- Model G Trim Package
- Water Supply Control Valve
- Air Pressure Supervisory Switch (PS40-2A)
- Alarm Pressure Switch (PS10-1A)
- 12" (0,3 m) Section of Galvanized Schedule 10 Pipe (with Coupling)

Model	Size	Part Number	List Price	Item Price Group
G-2000	2"	16149-1	$8,421.87	V232
G-3000	3"	16150-1	$9,242.77	V232
G-4000	4"	15647-1	$9,882.14	V232
G-6000	6"	17048-1	$11,626.04	V232

Model G Dry System - Optional Drain Manifold Assembly

Model	Size	Part Number	List Price	Item Price Group
G-2000	2"	16211	$460.38	V232
G-3000	3"	16212	$592.25	V232
G-4000	4"	15588	$664.44	V232
G-6000	6"	17056	$664.44	V232

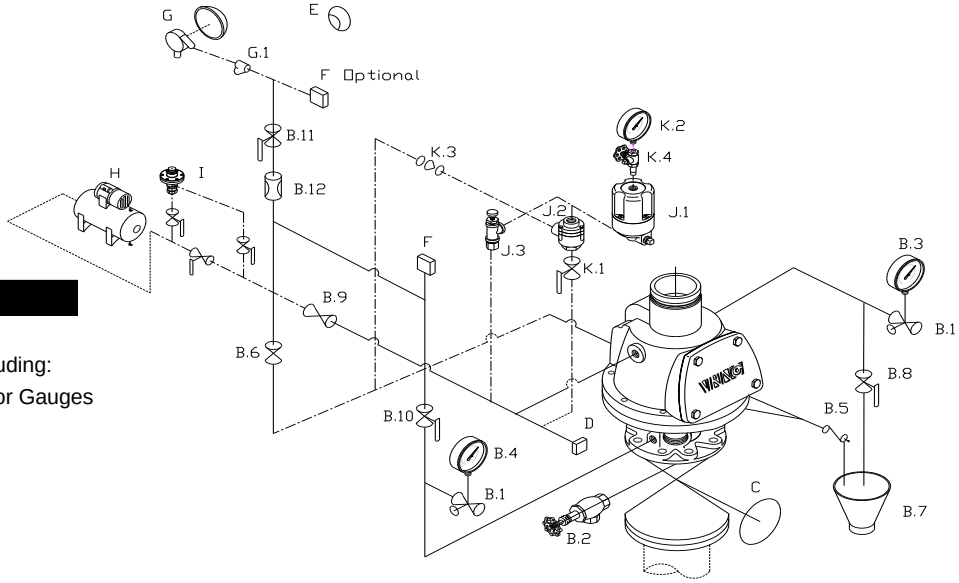
Model G Dry Systems - DOMESTIC USA OPTION				
Model	**Size**	**Part Number**	**List Price**	**Item Price Group**
G-2000	2"	16149-1USA	$8,838.07	V232
G-3000	3"	16150-1USA	$13,203.94	V232
G-4000	4"	15647-1USA	$14,117.34	V232
G-6000	6"	17048-1USA	$16,608.62	V232

See page M-2 for Viking's Model F dry valve and trim.

Model G valve also available in pre-action arrangement. See section O for details.

Domestic trim option meets sourcing requirements of the Buy American Act, American Reinvestment and Recovery Act, and the Buy America Law.

Model F-1 Dry System



Description

- A Model F-1 Dry Pipe Valve
- B Model F-1 Dry Valve Trim including:
  - B.1 Side Outlet Globe Valve for Gauges
  - B.2 Angle Valve
  - B.3 Air Gauge
  - B.4 Water Gauge
  - B.5 Drip Check Valve
  - B.6 Drain Check Valve
  - B.7 Drain Cup
  - B.8 Priming Water Test Valve
  - B.9 1/2" / DN15 Spring Loaded Check Valve
  - B.10 Alarm Test Valve
  - B.11 Alarm Shut-Off Valve
  - B.12 7/32" / 5mm Restricted Orifice
- C Water Supply Control Valve
- D Air Pressure Supervisory Switch
- E Electric Alarm Bell
- F Alarm Pressure Switch
- G Model F-2 Water Motor Alarm (inc G.1 Y-strainer)
- H Maintenance Air Compressor

Description (continued)

- I Model D-2 Air Maintenance Device and Trim
- J Accelerator / Anti-Flood Package including:
  - J.1 Model E-1 Accelerator
  - J.2 Model B-1 Anti-Flood Device
  - J.3 Model B-1 Float Check Valve Assembly
- K Accelerator / Anti-Flood Trim including:
  - K.1 1/2" / DN15 Anti-Flood Isolation Valve
  - K.2 Air Gauge
  - K.3 1/2" / DN15 Swing Check Valve
  - K.4 Side Outlet Valve for Accelerator Gauge

Trims include indented items immediately following.

Flange / Flange (Model F-1) Dry Valve								
Size	**Valve (only)**		**Loose Trim[1] (galvanized)**		**Modular Trim[1] (galvanized)**		**Valve/Trim (pre-trimmed)**	
IPG	V228		V229		V230		V231	
3"	09441	$4,268.31	10158	$1,644.95	10158P	$1,963.22	09441PT	$6,218.12
4"	07628	$4,783.82	08395	$1,680.71	08395P	$1,999.33	07628PT	$6,867.56
6"	08464	$5,981.36	09456	$1,680.71	09456P	$1,999.33	08464PT	$7,608.58

Flange / Groove (Model F-1) Dry Valve								
Size	**Valve (only)**		**Loose Trim[1] (galvanized)**		**Modular Trim[1] (galvanized)**		**Valve/Trim (pre-trimmed)**	
IPG	V228		V229		V230		V231	
3"	09446	$4,268.31	10158	$1,644.95	10158P	$1,963.22	09446PT	$6,315.90
4"	07627	$4,783.82	08395	$1,680.71	08395P	$1,999.33	07627PT	$6,867.56
6"	08491	$5,981.36	09456	$1,680.71	09456P	$1,999.33	08491PT	$8,065.10

Groove / Groove (Model F-2) Dry Valve								
Size	**Valve (only)**		**Loose Trim[1] (galvanized)**		**Modular Trim[1] (galvanized)**		**Valve/Trim[2] (pre-trimmed)**	
IPG	V228		V229		V230		V231	
3"	13764	$4,268.31	10158	$1,644.95	10158P	$1,963.22	13764PTR	$7,109.40
4"	13765	$4,783.82	08395	$1,680.71	08395P	$1,999.33	13765PTR	$7,527.59
6"	13766	$5,981.36	09456	$1,680.71	09456P	$1,999.33	13766PTR	$8,782.18

(1) Trim includes dry valve accessory pkg (p/n 08397). See page M-4 for details.

(2) Pre-assembled with nipples, fittings, water supply control valve, switchs, and gauges. See tech data F_122216 for details.

Size	DOMESTIC TRIM [1,2]	
IPG	V229	
3"	10158USA	$2,349.90
4"	08395USA	$2,401.05
6"	09456USA	$2,401.05

(2) Meets sourcing requirements of the Buy American Act, American Reinvestment and Recovery Act, and Buy American Law.

See page M-3 for accelerators and air maintenance devices. See page M-4 for additional accessories.

Accelerators / Air Maintenance Devices

Accelerator / Anti-Flood Packages (and Trim)

Accelerator (D-2)

Model D-2	List Price
09881	$1,820.48

V226

Accelerator Trim (Model D-2)

(Galvanized)

Model D-2	List Price
09730	$431.47

DOMESTIC [1]

Model D-2	List Price
09730USA	$575.29

V222

Accelerator (E-1) / Anti-Flood Device (B-1)

V226

E-1 Accelerator (only)
08055 $1,516.50

B-1 Anti-Flood device (only)
08061 $874.37

Accelerator/Anti-Flood Package 08116 $1,795.29
(include E-1 and B-1)

Use only with tank-mounted air compressor and listed air maintenance device

Accelerator / Anti-Flood Trim (galvanized)

STANDARD		***DOMESTIC*** [1]	
Part #	**List Price**	**Part #**	**List Price**
08264	$620.33	08264USA	$827.09

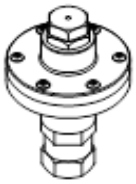
Includes:
- Air Gauge
- ½" / 15mm Anti-Flood Isolation Vlv
- ½" / 15mm Swing Check Valve
- Nipples, Fittings, Plugs
- Float Check Valve

V222

Use with Model-F dry valve, Model-F dry valve trims, accelerator/anti-flood package

Air Maintenance Device (and trim) - *IPG V226*

Model D-2 - Air Pressure Maintenance Device



Size	Part #	List Price
¼" / DN8	02280C	$724.07

V226

Model D-2 - Air Pressure Maintenance Device

Size	Part #	List Price
½" / DN15	07459	$1,272.39

DOMESTIC [1]

Size	Part #	List Price
½" / DN15	07459USA	$1,696.51

V226

Filter Kit	Part #	List Price
V249	03007A	$43.92

Air Compressor - *IPG V226*

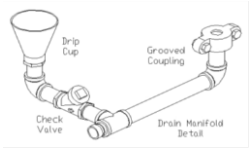
Model G-1 Maintenance Air Compressor *(includes mounting bracket)*

Model	Part #	List Price
115V single phase, 60 Cycle AC - Service Factor Amperage: 7.4, Factory Wired 115 V	19191	$3,519.07
230V single phase, 60 Cycle AC - Service Factor Amperage: 3.7, Factory Wired 230 V	19192	$3,533.31
230V single phase, 50 Cycle AC - Service Factor Amperage: 2.6, Factory Wired 230 V	19193	$3,369.69

(1) Meets sourcing requirements of Buy American Act, American Reinvestment and Recovery Act, and Buy American Law.

Accessories (Included with standard dry valve trim)

Model G Optional Drain Manifold Assembly



V232

Model	Size	Part Number	List Price
G-2000	2"	16211	$460.38
G-3000	3"	16212	$592.25
G-4000	4"	15588	$664.44
G-6000	6"	17056	$664.44

Dry Valve Accessory Package

Part Number	List Price
08397	$597.99

Includes:
- Drip Check Valve
- Drain Cup
- Valve Reset Bar
- 7/32" / 5mm Restricted Orifice
- 1/2" / 15mm Spring Loaded Check Valve
- 1/4" / 8mm Restricted Orifice
- Tubing Connector

IPG V226

Water Gauge

0-300 psi (2,068 kPa)

1/4" / DN8
VWATERSF $26.41

SR295

Air Gauge

0-80 psi (554 kPa)

1/4" / DN8
VAIRSF $26.41

SR295

Globe Valve for Gauges (side outlet)

1/4" / DN8
76V-25 $20.66

SR140

Alarm Test/Alarm Shut-Off Valve

(½" Ball Valve)

1/2" / DN15
10355 $52.05

V226

Drain Cup

1½" / DN40
01019B $18.35

V226

Drain Check Valve

1/2" / DN15
05781A $95.35

V226

Drip Check Valve - Model D-3

Velocity Check

3/4" / DN20
10732 $170.35

V226

Dry Valve Wrench & Reset Bar

02977BW/B
$232.72

V226

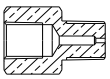
Swing Check Valve

1/2" / DN15
KT403W-50 $74.70

SR140

Restricted Orifice

1/16" / 1.5mm



1/4" / DN8
10110 $37.07

V226

Restricted Orifice

7/32" / 5mm

1/2" / DN15
06980A $20.30

V226

Angle Valve

1½" / DN40

Use with 3"	03937S	$201.69

2" / DN50

Use with 4"	126SUL-0200	$167.55
Use with 6"	126SUL-0200	$167.55

Anti-Column Device (Model LD-1)

14800
$487.33

**install in vertical position*

V226

Install on dry systems where potential for water column exists downstream of dry valve

Anti-Column Device Trim

14816 $186.54

V226

Float Check Valve (Model B-1/B-2)

Brass - 1/2" / DN15 (B-1)		*Corrosion Resistant (B-2)*	
12116	$315.03	12084	$771.38

V226

Accessories (NOT included with standard dry valve trim)

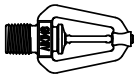
Dry Valve Wrench & Reset Bar

02977BW/B
$232.72

V226

Glass Strut Head

(for Model B-1 accelerator)



03226C $65.97

V249

Drip Check Valve (Model D-2)

(for Model B-1 accelerator)

10731 $266.39

V226

Viking Corporation
210 N. Industrial Park Drive
Hastings, MI 49058 U.S.A

Phone: (269) 945-9501
Toll Free: (800) 968-9501
Fax: (269) 945-9599
Web: www.vikinggroupinc.com

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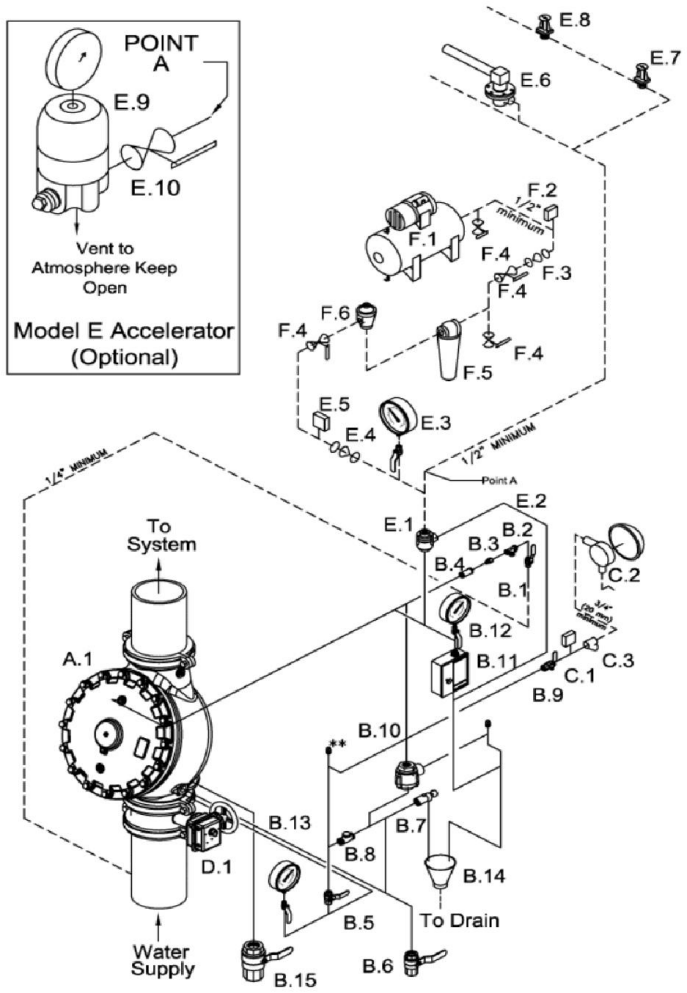
Notes

1. Refer to Viking technical data pages for complete product specifications. You may print or download technical data by visiting www.vikinggroupinc.com.
2. List prices effective January 12, 2019. Supersedes June 2018 list price book.
3. All sales by Viking are subject to the terms & conditions found on the last page of this book.

Deluge System - Pneumatic Release

Straight-through valve shown. Also available in angle-style configuration.



SYSTEM COMPONENTS
- A. Valve
  - A.1 Deluge Valve
- B. Deluge Valve Conventional Trim *
  - (See Deluge Valve Conventional Trim Charts)
  - B.1 Priming Valve (Normally Open)
  - B.2 Strainer
  - B.3 1/16" Restriction
  - B.4 Spring Loaded Check Valve
  - B.5 Alarm Test Valve (Normally Closed)
  - B.6 Auxiliary Drain Valve (Normally Closed)
  - B.7 Drip Check Valve
  - B.8 Drain Check Valve
  - B.9 Alarm Shut-Off Valve (Normally Open)
  - B.10 Pressure Operated Relief Valve (P.O.R.V.)
  - B.11 Emergency Release
  - B.12 Priming Pressure Water Gauge and Valve
  - B.13 Water Supply Pressure Gauge and Valve
  - B.14 Drain cup
  - B.15 Flow Test Valve (Normally Closed)
- C. Water Flow Alarm Equipment
  - C.1 Alarm Pressure Switch and/or
  - C.2 Water Motor Alarm (Strainer Required)
  - C.3 Strainer
- D. Riser
  - D.1 Water Supply Control Valve
- E. Release System
  - E.1 Pneumatic Actuator
  - E.2 Pneumatic Release Module
    - (See Pneumatic Release Module Trim Chart)
  - E.3 Air Pressure Gauge and Valve
  - E.4 Soft Seat Check Valve
  - E.5 Air Pressure Supervisory Switch
  - E.6 Thermostatic Release and/or
  - E.7 Fixed Temperature Release and/or
  - E.8 Pilot Head (Sprinkler)
  - E.9 Accelerator (Optional. See Inset.)
  - E.10 Accelerator Isolation Valve. (See Inset).
- F. Air Supply
  - F.1 Automatic Air Supply. Air Compressor and Tank shown for clarity.
  - F.2 Air Supervisory Pressure Switch (Compressor On/Off Control Switch)
  - F.3 Soft Seat Check Valve
  - F.4 Shut Off Valve (Indicating Ball Valve recommended.)
  - F.5 Dehydrator
  - F.6 Air maintenance Device & By-Pass Trim

-------- Dashed lines indicate pipe required but not included with Deluge Valve Conventional Trim Packages.

* Viking Deluge Valve Trim Packages contain items B.1 through B.15 and associated nipples.
Viking Accessory Package for Conventional Deluge Valve Trim contains B.2 through B.5, B.7 through B.11, and B.14.

** 1/2" (15 mm) NPT for Non-Interuptable Alarm Pressure Switch (Optional)

Above components are included in QuikPik packages as customized by user. See page N-2

Model F Deluge / Preaction Valve* - STRAIGHT THROUGH

V233	1-1/2"	2"	2-1/2"	3"	4"	6"	8"
Thread X Thread	12126 $2,920.96	12059 $3,019.06	12401 $3,986.71	N/A	N/A	N/A	N/A
Flange X Flange	N/A	N/A	N/A	12014 $3,986.71	11953 $5,193.06	11955 $7,103.17	11991 $16,089.53
Flange X Groove	N/A	N/A	N/A	12018 $3,986.71	11952 $5,193.06	11954 $7,103.17	N/A
Groove X Groove	12125 $2,920.96	12057 $3,019.06	12403 $3,986.71	12022 $3,986.71	11513 $5,193.06	11524 $7,103.17	11018 $16,089.53

Model E Deluge / Preaction Valve* - ANGLE STYLE

V233	1-1/2"	2"	3"	4"	6"
Thread X Thread	09889 $1,417.78	05852C $3,161.47	N/A	N/A	N/A
Flange X Flange	N/A	N/A	05912C $4,174.73	05909C $5,438.01	05906C $7,438.22
Flange X Groove	N/A	N/A	05835C $4,174.73	05839C $5,438.01	05456C $7,438.22
Groove X Groove	N/A	22027 $3,161.47	N/A	N/A	N/A

See page N-11/12 for additional valve and trim options, including Halar® coated valves, horizontal trim, and brass trim packages.

** Valve is not included in trim packages. Please order separately. See following page for trim packages and equipment.*

Deluge System - Pneumatic Release

TrimPac® *V234*	**1-1/2"**	**2"**	**2-1/2"**	**3"**	**4"**	**6"**	**8"**
Angle/Straight-Through	13788B-2 $5,160.67	13788B-2 $5,160.67	13788B-2 $5,160.67	13788B-2 $5,160.67	13788B-2 $5,160.67	13788B-2 $5,160.67	13788B-2 $5,160.67

TrimPac® includes conventional trim, releasing device (pneumatic actuator), releasing trim, and flexible hose kit.

Drain package for TrimPac® must be ordered separately (see below).

Drain Package *(IPG V257)*

Use with TrimPac® *(order separately)*	11894-1 $507.75	11894-2 $410.70	11894-3 $465.42	11894-3 $465.42	11894-4 $597.35	11894-4 $597.35	11894-4 $597.35

	1-1/2"	**2"**	**2-1/2"**	**3"**	**4"**	**6"**	**8"**
Trim (Vertical - Straight Through Valve) - Galvanized *(IPG V236)*							
Loose Trim *(incl. accessory pkg-09316)*	14634-1 $3,255.50	14634-1 $3,255.50	14636-1 $3,185.93	14636-1 $3,185.93	14639-1 $3,333.75	14641-1 $3,341.57	14642-1 $4,840.40
Modular Trim *(incl. accessory pkg-09316)*	14634-1P $3,549.43	14634-1P $3,549.43	14636-1P $3,479.83	14636-1P $3,479.83	14639-1P $3,629.05	14641-1P $3,636.84	14642-1P $5,135.68
Trim (Vertical - Angle Style Valve) - Galvanized *(IPG V236)*							
Loose Trim *(incl. accessory pkg-09316)*	14629-1 $3,409.06	14630-1 $3,281.34	**N/A**	14631-1 $3,336.21	14632-1 $3,491.04	14633-1 $3,499.18	**N/A**
Modular Trim *(incl. accessory pkg-09316)*	14629-1P $3,702.98	14630-1P $3,575.27	**N/A**	14631-1P $3,630.13	14632-1P $3,784.93	14633-1P $3,793.12	**N/A**

	1-1/2"	**2"**	**2-1/2"**	**3"**	**4"**	**6"**	**8"**
Releasing Devices *(IPG V226)*							
Pneumatic Actuator	06459B $613.27	06459B $613.27	06459B $613.27	06459B $613.27	06459B $613.27	06459B $613.27	06459B $613.27
Releasing Trim - Galvanized *(IPG V238)*							
Loose Trim *(releasing device not incl.)*	10809 $96.09	10809 $96.09	10809 $96.09	10809 $96.09	10809 $96.09	10809 $96.09	10809 $96.09
Modular Trim *(releasing device not incl.)*	10809P $428.22	10809P $428.22	10809P $428.22	10809P $428.22	10809P $428.22	10809P $428.22	10809P $428.22
Loose Trim-DOMESTIC[1] *(releasing device not incl.)*	10809USA $128.12	10809USA $128.12	10809USA $128.12	10809USA $128.12	10809USA $128.12	10809USA $128.12	10809USA $128.12

Trim packages includes deluge valve accessory package (p/n 09316) - See page N-7 for package detail.

See pages N-11/N-12 for additional valve and trim options, including Halar® coated valves, domestic trim, horizontal trim, brass trim packages.

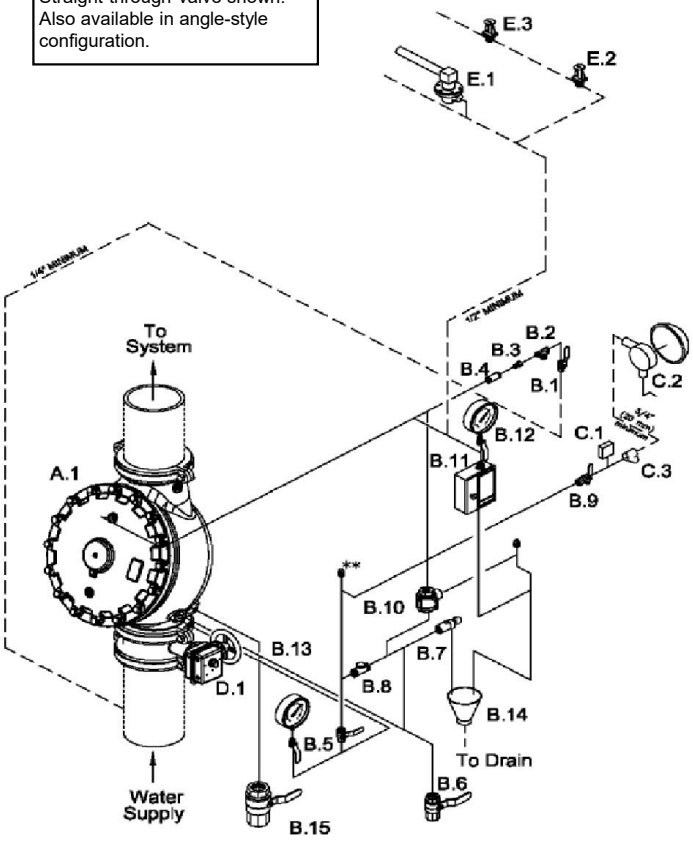
Viking Quik Pik Packages - *Complete packages customized to fit your requirements*		
Viking's exclusive Quik Pik packages allow you to customize the components needed in your deluge or preaction system. Contact your customer service center today to see how quick & easy ordering a deluge or preaction system can be.	SQP00010 (1 ½" - Thread)	SQP00050 (4" - F x G)
	SQP00020 (2" - Thread)	SQP00060 (4" - F x F)
	SQP00030 (3" - F x G)	SQP00070 (6" - F x G)
	SQP00040 (3" - F x F)	SQP00080 (6" - F x F)

See pages N-7 through N-10 for available deluge system accessories & related equipment.

(1) Meets sourcing requirements of the Buy American Act, American Reinvestment and Recovery Act, and Buy American Law.

Deluge System - Hydraulic Release

Straight-through valve shown. Also available in angle-style configuration.



SYSTEM COMPONENTS

A. Valve
- A.1 Deluge Valve

B. Deluge Valve Conventional Trim *
(See Deluge Valve Conventional Trim Charts)
- B.1 Priming Valve (Normally Open)
- B.2 Strainer
- B.3 1/16" Restriction
- B.4 Spring Loaded Check Valve
- B.5 Alarm Test Valve (Normally Closed)
- B.6 Auxiliary Drain Valve (Normally Closed)
- B.7 Drip Check Valve
- B.8 Drain Check Valve
- B.9 Alarm Shut-Off Valve (Normally Open)
- B.10 Pressure Operated Relief Valve (P.O.R.V.)
- B.11 Emergency Release
- B.12 Priming Pressure Water Gauge and Valve
- B.13 Water Supply Pressure Gauge and Valve
- B.14 Drain cup
- B.15 Flow Test Valve (Normally Closed)

C. Water Flow Alarm Equipment
- C.1 Alarm Pressure Switch and/or
- C.2 Water Motor Alarm (Strainer Required)
- C.3 Strainer

D. Riser
- D.1 Water Supply Control Valve

E. Release System
- E.1 Thermostatic Release and/or
- E.2 Fixed Temperature Release and/or
- E.3 Pilot Head (Sprinkler)

CAUTION

DO NOT EXCEED MAXIMUM HEIGHT ALLOWED FOR THE HYDRAULIC RELEASE PIPING ABOVE THE DELUGE VALVE.

FOR MAXIMUM HEIGHT ALLOWED, REFER TO CURRENT TECHNICAL DATA DESCRIBING THE VIKING DELUGE VALVE USED.

– – – – – Dashed lines indicate pipe required but not included with Deluge Valve Conventional Trim Packages.

* Viking Deluge Valve Trim Packages contain items B.1 through B.15 and associated nipples. Viking Accessory Package for Conventional Deluge Valve Trim contains B.2 through B.5, B.7 through B.11, and B.14.

** 1/2" (15 mm) NPT for Non-Interuptable Alarm Pressure Switch (Optional)

Components shown above are included in Quik Pik packages as customized by user. See page N-4.

Model F Deluge / Preaction Valve* - STRAIGHT THROUGH

V233	1-1/2"	2"	2-1/2"	3"	4"	6"	8"
Thread X Thread	12126 $2,920.96	12059 $3,019.06	12401 $3,986.71	N/A	N/A	N/A	N/A
Flange X Flange	N/A	N/A	N/A	12014 $3,986.71	11953 $5,193.06	11955 $7,103.17	11991 $16,089.53
Flange X Groove	N/A	N/A	N/A	12018 $3,986.71	11952 $5,193.06	11954 $7,103.17	N/A
Groove X Groove	12125 $2,920.96	12057 $3,019.06	12403 $3,986.71	12022 $3,986.71	11513 $5,193.06	11524 $7,103.17	11018 $16,089.53

Model E Deluge / Preaction Valve* - ANGLE STYLE

V233	1-1/2"	2"	3"	4"	6"
Thread X Thread	09889 $1,417.78	05852C $3,161.47	N/A	N/A	N/A
Flange X Flange	N/A	N/A	05912C $4,174.73	05909C $5,438.01	05906C $7,438.22
Flange X Groove	N/A	N/A	05835C $4,174.73	05839C $5,438.01	05456C $7,438.22
Groove X Groove	N/A	22027 $3,161.47	N/A	N/A	N/A

See page N-11/12 for additional valve and trim options, including Halar® coated valves, horizontal trim, and brass trim packages.

** Valve is not included in trim packages. Please order separately. See following page for trim packages and equipment.*

Deluge System - Hydraulic Release

	1-1/2"	2"	2-1/2"	3"	4"	6"	8"
Trim (Vertical - Straight Through Valve) - Galvanized *(IPG V236)*							
Loose Trim	14634-1	14634-1	14636-1	14636-1	14639-1	14641-1	14642-1
(incl. accessory pkg-09316)	$3,255.50	$3,255.50	$3,185.93	$3,185.93	$3,333.75	$3,341.57	$4,840.40
Modular Trim	14634-1P	14634-1P	14636-1P	14636-1P	14639-1P	14641-1P	14642-1P
(incl. accessory pkg-09316)	$3,549.43	$3,549.43	$3,479.83	$3,479.83	$3,629.05	$3,636.84	$5,135.68
Trim (Vertical - Angle Style Valve) - Galvanized *(IPG V236)*							
Loose Trim	14629-1	14630-1	**N/A**	14631-1	14632-1	14633-1	**N/A**
(incl. accessory pkg-09316)	$3,409.06	$3,281.34		$3,336.21	$3,491.04	$3,499.18	
Modular Trim	14629-1P	14630-1P	**N/A**	14631-1P	14632-1P	14633-1P	**N/A**
(incl. accessory pkg-09316)	$3,702.98	$3,575.27		$3,630.13	$3,784.93	$3,793.12	

Trim packages includes deluge valve accessory package (p/n 09316) - See page N-7 for package detail.

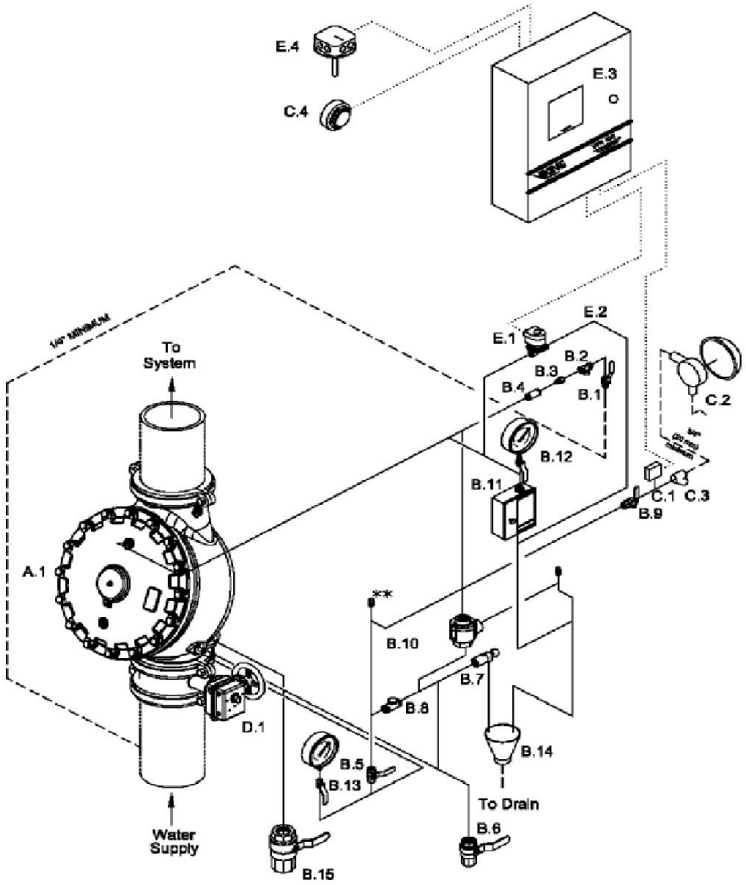
See pages N-11/12 for additional valve and trim options, including Halar® coated valves, horizontal trim, domestic trim, and brass trim packages.

Viking Quik Pik Packages - *Complete packages customized to fit your requirements*		
Viking's exclusive Quik Pik packages allow you to customize the components needed in your deluge or preaction system. Contact your customer service center today to see how quick & easy ordering a deluge or preaction system can be.	SQP00090 (1 ½" - Thread)	SQP00130 (4" - F x G)
	SQP00100 (2" - Thread)	SQP00140 (4" - F x F)
	SQP00110 (3" - F x G)	SQP00150 (6" - F x G)
	SQP00120 (3" - F x F)	SQP00160 (6" - F x F)

See pages N-7 through N-10 for available deluge system accessories & related equipment.

Deluge System - Electric Release

Straight-through valve shown. Also available in angle-style configuration.



SYSTEM COMPONENTS

A. Valve
- A.1 Deluge Valve

B. Deluge Valve Conventional Trim *
(See Deluge Valve Conventional Trim Charts)
- B.1 Priming Valve
- B.2 Strainer
- B.3 1/16" Restricted Orifice
- B.4 Spring Loaded Check Valve
- B.5 Alarm Test Valve (Normally Closed)
- B.6 Auxiliary Drain Valve (Normally Closed)
- B.7 Drip Check Valve
- B.8 Drain Check Valve
- B.9 Alarm Shut-Off Valve (Normally Open)
- B.10 Pressure Operated Relief Valve (P.O.R.V.)
- B.11 Emergency Release
- B.12 Priming Pressure Water Gauge and Valve
- B.13 Water Supply Pressure Gauge and Valve
- B.14 Drain Cup
- B.15 Flow Test Valve (Normally Closed)

C. Water Flow Alarm Equipment
- C.1 Alarm Pressure Switch and/or
- C.2 Water Motor Alarm (Strainer Required)
- C.3 Strainer
- C.4 Electric Alarm Bell

D. Riser
- D.1 Water Supply Control Valve

E. Release System
- E.1 Solenoid Valve
- E.2 Electric Release Module Trim
- E.3 System Control Panel configured for Single Zone Deluge operation.
- E.4 Electric Detection System. Heat Detector shown for clarity.

– – – – Dashed lines indicate pipe required but not listed in "System Components" Table.

* Viking Deluge Valve Trim Packages contain items B.1 through B.15 and associated nipples. Viking Accessory Package for Conventional Deluge Valve Trim contains B.2 through B.5, B.7 through B.11, and B.14.

..... Dotted lines indicate electrical detection system wiring required but not listed in "System Components" Table. For additional wiring requirements refer to technical data for components used.

Components shown above are included in Quik Pik packages as customized by user. See page N-6.

Model F Deluge / Preaction Valve* - STRAIGHT THROUGH

V233	1-1/2"	2"	2-1/2"	3"	4"	6"	8"
Thread X Thread	12126 $2,920.96	12059 $3,019.06	12401 $3,986.71	N/A	N/A	N/A	N/A
Flange X Flange	N/A	N/A	N/A	12014 $3,986.71	11953 $5,193.06	11955 $7,103.17	11991 $16,089.53
Flange X Groove	N/A	N/A	N/A	12018 $3,986.71	11952 $5,193.06	11954 $7,103.17	N/A
Groove X Groove	12125 $2,920.96	12057 $3,019.06	12403 $3,986.71	12022 $3,986.71	11513 $5,193.06	11524 $7,103.17	11018 $16,089.53

Model E Deluge / Preaction Valve* - ANGLE STYLE

V233	1-1/2"	2"	3"	4"	6"
Thread X Thread	09889 $1,417.78	05852C $3,161.47	N/A	N/A	N/A
Flange X Flange	N/A	N/A	05912C $4,174.73	05909C $5,438.01	05906C $7,438.22
Flange X Groove	N/A	N/A	05835C $4,174.73	05839C $5,438.01	05456C $7,438.22
Groove X Groove	N/A	22027 $3,161.47	N/A	N/A	N/A

See page N-11/12 for additional valve and trim options, including Halar® coated valves, horizontal trim, and brass trim packages.

** Valve is not included in trim packages. Please order separately. See following page for trim packages and equipment.*

Deluge System - Electric Release

TrimPac® *IPG V234*	**1-1/2"**	**2"**	**2-1/2"**	**3"**	**4"**	**6"**	**8"**
Angle/Straight-Through	13787B-1	13787B-1	13787B-1	13787B-1	13787B-1	13787B-1	13787B-1
	$5,255.45	$5,255.45	$5,255.45	$5,255.45	$5,255.45	$5,255.45	$5,255.45

TrimPac ® includes conventional trim, releasing device (solenoid valve), releasing trim, and flexible hose kit.
Drain package for TrimPac ® must be ordered separately (see below).

Drain Package *(IPG V257)*

Use with TrimPac®	11894-1	11894-2	11894-3	11894-3	11894-4	11894-4	11894-4
(order separately)	$507.75	$410.70	$465.42	$465.42	$597.35	$597.35	$597.35

	1-1/2"	**2"**	**2-1/2"**	**3"**	**4"**	**6"**	**8"**
Trim (Vertical - Straight Through Valve) - Galvanized *(IPG V236)*							
Loose Trim	14634-1	14634-1	14636-1	14636-1	14639-1	14641-1	14642-1
(incl. accessory pkg-09316)	$3,255.50	$3,255.50	$3,185.93	$3,185.93	$3,333.75	$3,341.57	$4,840.40
Modular Trim	14634-1P	14634-1P	14636-1P	14636-1P	14639-1P	14641-1P	14642-1P
(incl. accessory pkg-09316)	$3,549.43	$3,549.43	$3,479.83	$3,479.83	$3,629.05	$3,636.84	$5,135.68
Trim (Vertical - Angle Style Valve) - Galvanized *(IPG V236)*							
Loose Trim	14629-1	14630-1	**N/A**	14631-1	14632-1	14633-1	**N/A**
(incl. accessory pkg-09316)	$3,409.06	$3,281.34		$3,336.21	$3,491.04	$3,499.18	
Modular Trim	14629-1P	14630-1P	**N/A**	14631-1P	14632-1P	14633-1P	**N/A**
(incl. accessory pkg-09316)	$3,702.98	$3,575.27		$3,630.13	$3,784.93	$3,793.12	

	1-1/2"	**2"**	**2-1/2"**	**3"**	**4"**	**6"**	**8"**
Releasing Devices *(IPG V240)*							
Solenoid Valve	11601	11601	11601	11601	11601	11601	11601
	$925.40	$925.40	$925.40	$925.40	$925.40	$925.40	$925.40
Releasing Trim - Galvanized *(IPG V238)*							
Loose Trim	10830	10830	10830	10830	10830	10830	10830
(releasing device not incl.)	$99.20	$99.20	$99.20	$99.20	$99.20	$99.20	$99.20
Modular Trim	10830P	10830P	10830P	10830P	10830P	10830P	10830P
(releasing device not incl.)	$428.22	$428.22	$428.22	$428.22	$428.22	$428.22	$428.22
Loose Trim-DOMESTIC[1]	10830USA	10830USA	10830USA	10830USA	10830USA	10830USA	10830USA
(releasing device not incl.)	$132.25	$132.25	$132.25	$132.25	$132.25	$132.25	$132.25

Trim packages includes deluge valve accessory package (p/n 09316) - See page N-7 for package detail.

See pages N-11/N-12 for additional valve and trim options, including Halar® coated valves, horizontal trim, domestic trim, and brass trim packages.

Viking Quik Pik Packages - *Complete packages customized to fit your requirements*		
Viking's exclusive Quik Pik packages allow you to customize the components needed in your deluge or preaction system. Contact your customer service center today to see how quick & easy ordering a deluge or preaction system can be.	SQP00170 (1 ½" - Thread)	SQP00210 (4" - F x G)
	SQP00180 (2" - Thread)	SQP00220 (4" - F x F)
	SQP00190 (3" - F x G)	SQP00230 (6" - F x G)
	SQP00200 (3" - F x F)	SQP00240 (6" - F x F)

See pages N-7 through N-10 for available deluge system accessories & related equipment.

(1) Meets sourcing requirements of the Buy American Act, American Reinvestment and Recovery Act, and Buy American Law.

Accessories and Additional Components

Deluge Valve Accessory Package

(use with angle style and straight through valves)

(included with deluge/preaction trim)

Includes:

- 1/16" Restricted Orifice
- Emergency Release
- Drip Check
- ¼" / 8mm Check Valve
- ¼" / 8mm Strainer
- Drain Cup
- PORV
- Drain Check
- ½" Ball Valve

Galvanized
09316
$2,194.85

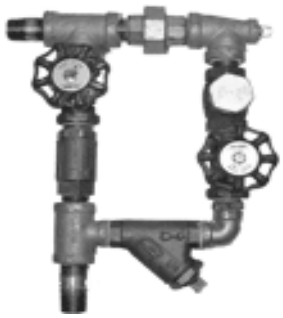
Stainless Steel *
09743
$3,061.22

* Does not include PORV

IPG V226

Speed Control Assembly

(use with trim to control speed of valve opening)



Galvanized
08780 $1,569.95
Stainless Steel
11192 $9,238.40
Brass
11181 $1,849.77

IPG V244

Pressure Operated Relief Valve (PORV) - Model D-3

½" / DN15
Brass
16970 *$1,392.00*

IPG V242

Pressure Operated Relief Valve (PORV) - Model D-4

½" / DN15
Corrosion Resistant
16971 *$2,141.53*

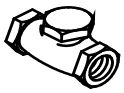
IPG V242

Globe Valve for Gauges (side outlet)

1/4" / DN8
76V-25 $20.64

Drain Check Valve

IPG V226



1/2" / DN15
05781A $95.35
Corrosion Resistant
05781AJ $199.47

Restricted Orifice

1/4 " (DN8)
1/16" (1.6mm) 10110 $37.07

Corrosion Resistant
1/16" (1.6mm) 10110J $86.41

IPG V226

Ball Valve

IPG V226

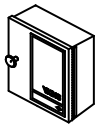
Brass			Stainless Steel	
1/4"	10354	$30.64	10644	$263.49
1/2"	10355	$52.05	10645	$264.99
1"	10356	$77.25	10646	$422.67
			10647	$512.35
			10648	$976.61
			10649	$1,325.63

Drain Cup

1½" / DN40
01019B $18.35

IPG V226

Emergency Release

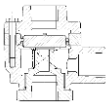


1/2" (Galvanized)		Brass		Corrosion Resistant	
Model C-1		Model C-2		Model C-3	
01553C	$366.27	09387	$610.97	09734	$749.57

IPG V226

Prime Shut-Off Valve

IPG V226



1/2" / DN15
10723 $811.25
Corrosion Resistant
10724 $1,450.06

Drip Check Valve - Model D-1

Velocity Check

IPG V25.1

3/4" / DN20
10730 $187.37
Corrosion Resistant
10733 $282.62

Water Gauge

0-300 psi
1/4" VWATERSF $26.41

In-Line Check Valve

IPG V226

1/4" / DN8
04947A $88.69

Y Strainer

IPG SR260

1/4" / DN15
14BYS $43.90

Restricted Orifice

5/64" / 2mm

1/2" / DN15
11706 $76.57

IPG V226

Accessories for TrimPac®

Air Line Trim

(not for use with Deluge TrimPac System)

Tank Mounted	13770	$1,815.18
Tankless	13771	$639.99

IPG V234

Replacement Hose

PVC drain hose 12071 $144.57

IPG V234

Riser Mounting Kit

(when mounting TrimPac to riser)

Vertical	11900	$1,003.93
Horizontal	11901	$1,380.47

IPG V234

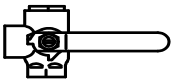
Accessories for Old Style Trim

Model A-2 Strainer Orifice Check Vlv

1/4" (DN8)
06579B $348.24

IPG V226

Alarm Test/Alarm Shut-Off Valve



1/2" (DN15)
06174A $374.96

IPG V226

Spring Loaded Check Valve

(with viton disc)

1/2" (DN15)
12WILC $100.00

SR140

Accessories for Pneumatic Release Systems

Pneumatic Actuator

1/2" (DN15)

Model H-1

06459B $613.27

Corrosion Resistant (Model R-1)

09733 $1,383.51

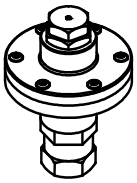
IPG V226

Accelerator (Model E-1)

Model E-1	List
08055	$1,516.50

IPG V226

Model D-2 - Air Pressure Maintenance Device



Size	Part #	List Price
¼" / DN8	02280C	$724.07

IPG V226

Model D-2 - Air Pressure Maintenance Device

Size	Part #	List Price
½" / DN15	07459	$1,272.39
DOMESTIC		
Size	**Part #**	**List Price**
½" / DN15	07459USA	$1,696.51

###

Dehydrator Package

Includes:

- Desiccant
- Mounting Brackets
- Nipples

1/4" (DN8)

16854 $1,713.19

Extra Desiccant*

16855 $387.89

**one unit fills dehydrator*

IPG V226

Replacement Restriction

Release Line Air Supply

Part #	List Price
02902B	$175.43

IPG V226

Accessories for Pneumatic and Hydraulic Systems

Thermostatic Release (Model C-1)

(Includes 155°F/68°C fixed temperature release)

- indoor and outdoor use

Standard

01432C $1,622.11

Nitrogen Tested

05006A $1,747.41

IPG V226

Thermostatic Release (Model C-2)

(Includes 155°F/68°C fixed temperature release)

- indoor and outdoor use
- corrosion resistant
- for use in salt water environments

Standard

03991C-18 $1,930.26

Nitrogen Tested

10367 $2,055.58

IPG V226

Fixed Temperature Release (Model M HP - VK800)

1/2" (15 mm) - RATED TO 250 PSI (1724 kPa) IPG V226

Brass	07848AB	$51.45
Chrome	07848FA	$55.16
White	07848MA/W	$55.16

Add the temperature suffix to the part number (135 shown):

(°F/°C) A=135°/57°, B=155°/68°, D=175°/79°, E=200°/93°, G=286°/141°

Replacement Fixed Temperature Release

155°F/68°C

Model C-1

07848FB $55.16

Model C-2

07848CB $65.77

IPG V226

Operation Indicator

Includes:

- indoor and outdoor use
- corrosion resistant

1/2" (DN15)

02944A $63.64

IPG V226

Adjustment Kit

Includes:

- indoor and outdoor use
- corrosion resistant

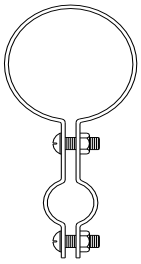
Model C-1 and C-2

01714A $193.94

IPG V226

Release Line Hangers

IPG V226



- includes two screws/nuts

1" / DN25	09574	$21.67
1¼" / DN32	09575	$21.67
1½" / DN40	09576	$21.67
2" / DN50	09577	$21.67
2½" / DN65	09578	$21.67
3" / DN80	09579	$21.67
3½" / DN90	09580	$21.67
4" / DN100	09581	$31.69
5" / DN125	09582	$31.69
6" / DN150	09583	$31.69
8" / DN200	09584	$31.69

Stainless steel available upon request at additional cost. Add suffix "SST" to base part number.

Accessories for Electric Release Systems

SOLENOID VALVES ***(1/2" / DN15)*** *IPG V240*

Normally Closed *(rated to 250 psi (1724 kPa)*

Deluge & Preaction, SureFire		Part No.	List Price
NEMA 1,2,3,3S,4,4X	24 VDC	11601	$925.40
Explosion Proof			
NEMA 3,3S,4,4X,6,6P,7,9	24 VDC	11602	$1,546.58

Normally Closed *(rated to 300 psi (2068 kPa)*

Firecycle III, TotalPac & Special Application			
NEMA 2,3,3S,4,4X	24 VDC	11591	$1,181.54
NEMA 1,2,3,3S,4,4X	110 VAC/50 HZ	11593	$1,005.41
NEMA 1,2,3,3S,4,4X	120 VAC/60 HZ	11594	$1,367.25
Explosion Proof			
NEMA 3,3S,4,4X,6,6P,7,9	24 VDC	11592	$1,546.58
NEMA 3,3S,4,4X,6,6P,7,9	110 VAC/50 HZ	11594	$1,367.25
NEMA 3,3S,4,4X,6,6P,7,9	120 VAC/60 HZ	11594	$1,367.25
ATEX, EEx, mII, T4/T5	110 VAC/50 HZ	12359	$1,623.37
ATEX, EEx, mII, T4/T5	24 VDC	12360	$1,802.72

Normally Open *(rated to 300 psi (2068 kPa)*

Firecycle III			
NEMA 2,3,3S,4,4X	24 VDC	11595	$1,966.04
Surefire & TrimPac			
NEMA 2,3,3S,4,4X	24 VDC	13215	$1,966.04
Explosion Proof			
NEMA 3,3S,4,4X,6,6P,7,9	24 VDC	11596	$2,740.90
ATEX, EEx, mII, T4/T5	24 VDC	12358	$2,996.99

RELEASE CONTROL PANEL (VFR-400) *IPG V241*

VFR-400 Release Control Panel

- Multi-hazard operation
- Features on board, menu driven programming
- Four Class B initiating circuits
- Two Class B supervisory circuits**
- Four Class B output circuits
- Programmable cross zoning
- 12 standard programs (program options for Viking preaction, deluge, Surefire® and Firecycle® systems)

***Can be used for Supervisory, Tamper, Low Air or High Air*

Part No.	List Price
14152-1	$4,039.20

** see below for accessories and optional modules*

Optional Modules / Accessories	Part No.	List Price
CA2Z Module (class A initiating device circuit):	14155	$241.14
CAM2 Module (class A indicating appliance circuit):	14156	$277.32
ARM-1/ARM-2 Module (auxiliary relay module):	14157	$349.66
RA-4410-RC (remote annunciator):	14154	$1,266.00
	Part No.	**List Price**
MR-101/T SPDT Relay Module:	14159	$141.70
MR-201 DPDT Relay Module:	14160	$177.84
MR801/T SPDT Relay w/Led Indicator:	14161	$75.36
ELOD Resistor/Diode:	14162	$36.17
ELOR Resistor:	14163	$3.03

Batteries *(two required per panel)*

	Part No.	List Price
8 Amp	07920	$219.97
12 Amp	07921	P.O.A.
18 Amp	09867	P.O.A.

Battery Cabinet *(for 18 amp hr battery)*

Part No.	List Price
09866	$763.36

Alarm Devices

Alarm Pressure Switch - SR020

Adjustable Range (4-20 psi)

1/2" / DN50

Single SPDT	PS101A	$221.55
Dual SPDT	PS102A	$266.52

** Manufactured by Potter*

Explosion Proof

Dual SPDT	PS10-EX	$1,388.36
Dual SPDT	PS40EX	$1,388.36

** Cenelec approved*

Pressure Adj Access Key

10600	$27.18

Cover Removal Key

10601	$27.18

** Appropriate hex keys included with switches.*

Pressure Supervisory Switch (Air, Nitrogen, Water) - *IPG SR020*

Adjustable Range (10-175 psi)

1/2" / DN50

Single SPDT	PS401A	$221.55
Dual SPDT	PS402A	$266.52

** Manufactured by Potter*

Cover Tamper Switch Kit

09601	$139.00

Explosion Proof

Dual SPDT	10379	$1,790.78

** Cenelec approved*

Pressure Adj Access Key

10600	$27.18

Cover Removal Key

10601	$27.18

** Appropriate hex keys included with switches.*

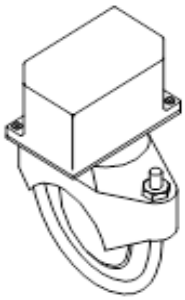
Flow Switch - *SR010*

Waterflow Indicators

(adjustable retard up to 120 sec. - 2 SPDT contacts)

Model VSR

1-2" / DN40	VSRF0100	$318.01
2" / DN50	VSRF0200	$343.06
2½" / DN65	VSRF0250	$343.06
3" / DN80	VSRF0300	$343.06
3½" / DN90	VSRF0350	$343.06
4" / DN100	VSRF0400	$343.06
5" / DN125	VSRF0500	$343.06
6" / DN150	VSRF0600	$343.06
8" / DN200	VSRF0800	$383.75



Water Motor Alarm and Accessories - *IPG V226*

Water Motor Alarm

Model F-2

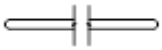
07862	$617.69

Closure Plate

05820B	$126.07

Adjustable Shaft

(wall thickness up to 30-1/4 in / 768 mm)



03312B	$120.96

Alarm Line Y Strainer

3/4 " (DN20)

01489A	$183.93

Extension Cup

05957B	$100.86

Special Valves and Trim

HALAR® Coated Deluge / Preaction Valves (Model E-2/F-2)

Straight-Through (Model F-2)

IPG V233	1-1/2"	2"	2-1/2"	3"	4"	6"	8"
Thread X Thread	N/A	N/A	12402Q/B $6,245.90	N/A	N/A	N/A	N/A
Flange X Flange	N/A	N/A	N/A	12015Q/B $6,245.90	11960Q/B $8,356.49	11962Q/B $11,182.24	11992Q/B $23,409.31
Flange X Groove	N/A	N/A	N/A	12019Q/B $6,245.90	11959Q/B $8,356.49	11961Q/B $11,182.24	N/A
Groove X Groove	12127Q/B $4,627.55	12058Q/B $4,640.14	12404Q/B $6,245.90	12023Q/B $6,245.90	11514Q/B $8,356.49	11525Q/B $11,182.24	11118Q/B $22,278.43

Angle Style (Model E-2)

IPG V233	1-1/2"	2"	2-1/2"	3"	4"	6"	8"
Flange X Flange	N/A	N/A	N/A	08362Q/B $6,540.53	08363Q/B $8,507.61	08364Q/B $11,384.43	N/A
Flange X Groove	N/A	N/A	N/A	11064Q/B $6,540.53	11065Q/B $8,750.68	11001Q/B $11,709.72	N/A

HORIZONTAL TRIM - Conventional Deluge / Preaction Trim

Galvanized *(use with straight through valves)*

IPG V236	1-1/2"	2"	2-1/2"	3"	4"	6"	8"
Loose Trim *(incl. accessory pkg-09316)*	14635-1 $3,255.50	14635-1 $3,255.50	14637-1 $3,185.93	14637-1 $3,185.93	14638-1 $3,333.75	14640-1 $3,341.57	14643-1 $4,840.40
Modular Trim *(incl. accessory pkg-09316)*	14635-1P $3,549.43	14635-1P $3,549.43	14637-1P $3,479.83	14637-1P $3,479.83	14638-1P $3,629.05	14640-1P $3,636.84	14643-1P $5,135.68

** Galvanized vertical trim found on page N-6.*

BRASS TRIMS - Conventional Deluge / Preaction Trim

Angle Style Valves

IPG V237	1-1/2"	2"	2-1/2"	3"	4"	6"	8"
Loose Trim *(incl. accessory pkg-09316)*	14629-2 $5,643.84	14630-2 $5,234.22	N/A	14631-2 $5,360.24	14632-2 $5,727.49	14633-2 $5,793.58	N/A
Modular Trim *(incl. accessory pkg-09316)*	14629-2P P.O.A.	14630-2P $5,536.55	N/A	14631-2P P.O.A.	14632-2P $6,029.81	14633-2P $6,095.98	N/A

Straight Through Valves - VERTICAL

IPG V237	1-1/2"	2"	2-1/2"	3"	4"	6"	8"
Loose Trim *(incl. accessory pkg-09316)*	14634-2 $5,389.64	14634-2 $5,389.64	14636-2 $5,118.79	14636-2 $5,118.79	14639-2 $5,469.48	14641-2 $5,532.61	14642-2 $6,893.71
Modular Trim *(incl. accessory pkg-09316)*	14634-2P $5,692.03	14634-2P $5,692.03	14636-2P $5,421.18	14636-2P $5,421.18	14639-2P $5,771.87	14641-2P $5,834.99	14642-2P P.O.A.

Straight Through Valves - HORIZONTAL

IPG V237	1-1/2"	2"	2-1/2"	3"	4"	6"	8"
Loose Trim *(incl. accessory pkg-09316)*	14635-2 $5,389.64	14635-2 $5,389.64	14637-2 $5,118.79	14637-2 $5,118.79	14638-2 $5,469.48	14640-2 $5,532.61	14643-2 $6,893.71
Modular Trim *(incl. accessory pkg-09316)*	14635-2P $5,692.03	14635-2P $5,692.03	14637-2P P.O.A.	14637-2P P.O.A.	14638-2P P.O.A.	14640-2P $5,834.99	14643-2P P.O.A.

Special Valves and Trim

BRASS - Releasing Trims

V239	Pneumatic	Electric Pneumatic	Electric	Pneumatic Pneumatic	*DOMESTIC[1]* Electric
Loose Trim	10811	12661-2	10832	12662-2	10832USA
(releasing device not incl.)	$259.37	$216.51	$291.85	$1,381.42	$389.13
Modular Trim	10811P	126612P	10832P	126622P	10832USA-P
(releasing device not incl.)	$567.51	P.O.A.	P.O.A.	P.O.A.	P.O.A.

STAINLESS STEEL - Conventional Deluge Trim

Straight Through Valves - VERTICAL

V251	1-1/2"	2"	2-1/2"	3"	4"	6"	8"
Loose Trim	14649	14649	14651	14651	14654	14656	14657
	$9,217.83	$9,217.83	$9,883.28	$9,883.28	$10,802.05	$10,846.44	$10,884.36
Modular Trim	14649P	14649P	14651P	14651P	14654P	14656P	14657P
	$9,520.22	$9,520.22	$10,185.61	$10,185.61	$11,104.43	$11,148.82	P.O.A.

Angle Style Valves - VERTICAL

V251	1-1/2"	2"	2-1/2"	3"	4"	6"	8"
Loose Trim	N/A	N/A	N/A	14646	14647	14648	N/A
				$9,450.18	$10,559.68	$10,772.15	

DOMESTIC TRIM [1] - Model F - Galvanized

Straight Through Valves - VERTICAL

V236	1-1/2"	2"	2-1/2"	3"	4"	6"	8"
Loose Trim	14634-1USA	14634-1USA	14636-1USA	14636-1USA	14639-1USA	14641-1USA	14642-1USA
	$4,340.67	$4,340.67	$4,247.91	$4,247.91	$4,445.02	$4,455.42	$6,453.88

(1) Meets sourcing requirements of the Buy American Act, American Reinvestment and Recovery Act, and the Buy American Law. Contact customer service for availability.

Viking Corporation
210 N. Industrial Park Drive
Hastings, MI 49058 U.S.A

Phone: (269) 945-9501
Toll Free: (800) 968-9501
Fax: (269) 945-9599
Web: www.vikinggroupinc.com

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Notes

1. Refer to Viking technical data pages for complete product specifications. You may print or download technical data by visiting www.vikinggroupinc.com.
2. List prices effective January 12, 2019. Supersedes June 2018 list price book.
3. All sales by Viking are subject to the Terms & Conditions found on the last page of this book.

SureFire® is a registered trademark of The Viking Corporation

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Notes

Model G (Complete, Factory Assembled Preaction Systems)

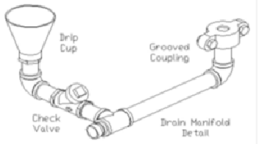
Model G preaction systems include the following:

- *Model G Deluge Valve*
- *Model G Preaction Trim Package*
- *Water Supply Control Valve*
- *Air Pressure Supervisory Switch (PS40-2A)*
- *Alarm Pressure Switch (PS10-1A)*
- *12" (0,3 m) Section of Galvanized Schedule 10 Pipe (w/ coupling)*

Model	System Type	Size	Part Number	IPG	List Price
G-2000P	Single Interlock, Electric Release	2"	16187-1	V243	$10,314.13
G-3000P	Single Interlock, Electric Release	3"	16190-1	V243	$10,761.36
G-4000P	Single Interlock, Electric Release	4"	15651-1	V243	$11,440.69
G-6000P	Single Interlock, Electric Release	6"	17049-1	V243	$13,458.71
G-2000P	Double Interlock, Electric/Pneu-lectric Release	2"	16187-1	V243	$10,314.13
G-3000P	Double Interlock, Electric/Pneu-lectric Release	3"	16190-1	V243	$10,761.36
G-4000P	Double Interlock, Electric/Pneu-lectric Release	4"	15651-1	V243	$11,440.69
G-6000P	Double Interlock, Electric/Pneu-lectric Release	6"	17049-1	V243	$13,458.71
G-2000P	Double Interlock, Electric/Pneumatic Release	2"	16188-1	V243	$11,586.31
G-3000P	Double Interlock, Electric/Pneumatic Release	3"	16191-1	V243	$13,075.23
G-4000P	Double Interlock, Electric/Pneumatic Release	4"	15653-1	V243	$14,218.29
G-6000P	Double Interlock, Electric/Pneumatic Release	6"	17050-1	V243	$16,949.98
G-2000P	SureFire® Fail Safe Preaction System	2"	16189-1	V243	$13,326.71
G-3000P	SureFire® Fail Safe Preaction System	3"	16192-1	V243	$14,973.56
G-4000P	SureFire® Fail Safe Preaction System	4"	15648-1	V243	$16,074.16
G-6000P	SureFire® Fail Safe Preaction System	6"	17051-1	V243	$18,910.78

Optional Accessories - Model G Preaction Systems

Model G Optional Drain Manifold Assembly *



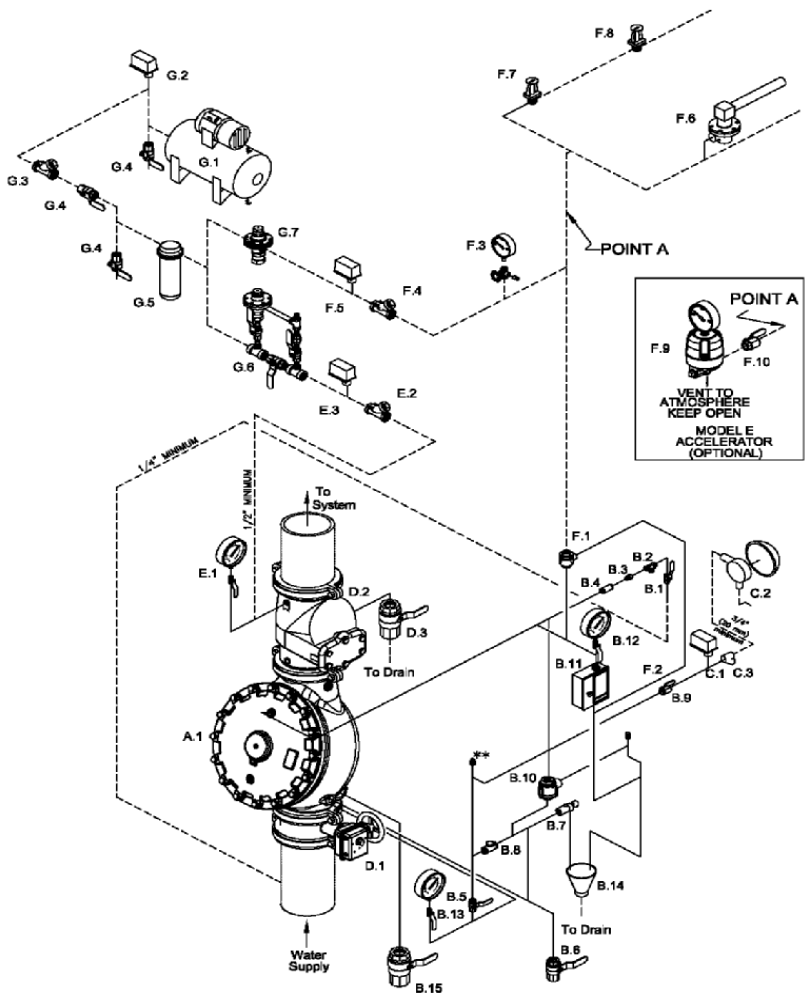
Model	Size	Part Number	List Price
G-2000	2"	16211	$460.38
G-3000	3"	16212	$592.25
G-4000	4"	15588	$664.44
G-6000	6"	17056	$664.44

** Optional drain manifold assemblies also available in 100% domestic option. Contact customer service for details.*

Refer to pages O-14 through O-17 for additional preaction components and accessories.

Preaction System - Single Interlocked - Pneumatic Release

Straight-through valve shown. Also available in angle-style configuration.



SYSTEM COMPONENTS

A. Valve
- A.1 Deluge Valve

B. Deluge Valve Conventional Trim *
- (See Deluge Valve Conventional Trim Charts)
- B.1 Priming Valve (Normally Open)
- B.2 Strainer
- B.3 1/16" Restricted Orifice
- B.4 Spring Loaded Check Valve
- B.5 Alarm Test Valve (Normally Closed)
- B.6 Auxiliary Drain Valve (Normally Closed)
- B.7 Drip Check Valve
- B.8 Drain Check Valve
- B.9 Alarm Shut-Off Valve (Normally Open)
- B.10 Pressure Operated Relief Valve (P.O.R.V.)
- B.11 Emergency Release
- B.12 Priming Pressure Water Gauge and Valve
- B.13 Water Supply Pressure Gauge and Valve
- B.14 Drain Cup
- B.15 Flow Test Valve (Normally Closed)

C. Water Flow Alarm Equipment
- C.1 Alarm Pressure Switch and/or
- C.2 Water Motor Alarm (Strainer Required)
- C.3 Strainer

D. Riser
- D.1 Water Supply Control Valve
- D.2 Easy Riser Check Valve or rubber seated check valve
- D.3 Sprinkler System Main Drain

E. Supervisory Air Supply
- E.1 System Pressure Gauge and Valve
- E.2 Soft Seat Swing Check Valve
- E.3 Air Pressure Supervisory Switch

F. Release System
- F.1 Pneumatic Actuator
- F.2 Pneumatic Release Module Trim
- F.3 Air Pressure Gauge and Valve
- F.4 Soft Seat Check Valve
- F.5 Air Pressure Supervisory Switch
- F.6 Thermostatic Release and/or
- F.7 Fixed Temperature Release and/or
- F.8 Pilot Head (Sprinkler)
- F.9 Accelerator (Optional. See Inset.)
- F.10 Accelerator Isolation Valve (See Inset.)

G. Air Supply
- G.1 Automatic Air Supply. Air Compressor and Tank shown for clarity.
- G.2 Air Supervisory Pressure Switch (Compressor On/Off Control Switch)
- G.3 Soft Seat Check Valve
- G.4 Shut Off Valve (Indicating Ball Valve recommended.)
- G.5 Dehydrator
- G.6 Air maintenance Device & By-Pass Trim
- G.7 Air maintenance Device

Components shown above are included in Quik Pik packages as customized by user. See page O-3.

Model F Deluge / Preaction Valve* - STRAIGHT THROUGH

V233	1-1/2"	2"	2-1/2"	3"	4"	6"	8"
Thread X Thread	12126 $2,920.96	12059 $3,019.06	12401 $3,986.71	N/A	N/A	N/A	N/A
Flange X Flange	N/A	N/A	N/A	12014 $3,986.71	11953 $5,193.06	11955 $7,103.17	11991 $16,089.53
Flange X Groove	N/A	N/A	N/A	12018 $3,986.71	11952 $5,193.06	11954 $7,103.17	N/A
Groove X Groove	12125 $2,920.96	12057 $3,019.06	12403 $3,986.71	12022 $3,986.71	11513 $5,193.06	11524 $7,103.17	11018 $16,089.53

Model E Deluge / Preaction Valve* - ANGLE STYLE

V233	1-1/2"	2"	3"	4"	6"
Thread X Thread	09889 $1,417.78	05852C $3,161.47	N/A	N/A	N/A
Flange X Flange	N/A	N/A	05912C $4,174.73	05909C $5,438.01	05906C $7,438.22
Flange X Groove	N/A	N/A	05835C $4,174.73	05839C $5,438.01	05456C $7,438.22

See page O-18-19 for additional valve and trim options, including Halar® coated valves, horizontal trim, domestic trim, and brass trim packages.

** Valve is not included in trim packages. Please order separately. See following page for trim packages and equipment.*

Preaction System - Single Interlocked - Pneumatic Release

TrimPac® *V251*	**1-1/2"**	**2"**	**2-1/2"**	**3"**	**4"**	**6"**	**8"**
Angle/Straight-Through	13793B-4 $5,160.67	13793B-4 $5,160.67	13793B-4 $5,160.67	13793B-4 $5,160.67	13793B-4 $5,160.67	13793B-4 $5,160.67	13793B-4 $5,160.67

TrimPac ® includes conventional trim, releasing device (pneumatic actuator), releasing trim, and flexible hose kit.
Drain package for TrimPac ® must be ordered separately (see below).

Drain Package *(IPG V257)*

Use with TrimPac® *(order separately)*	11894-1 $507.75	11894-2 $410.70	11894-3 $465.42	11894-3 $465.42	11894-4 $597.35	11894-4 $597.35	11894-4 $597.35

	1-1/2"	**2"**	**2-1/2"**	**3"**	**4"**	**6"**	**8"**
Trim (Vertical - Straight Through Valve) - Galvanized *(IPG 236)*							
Loose Trim *(incl. accessory pkg-09316)*	14634-1 $3,255.50	14634-1 $3,255.50	14636-1 $3,185.93	14636-1 $3,185.93	14639-1 $3,333.75	14641-1 $3,341.57	14642-1 $4,840.40
Modular Trim *(incl. accessory pkg-09316)*	14634-1P $3,549.43	14634-1P $3,549.43	14636-1P $3,479.83	14636-1P $3,479.83	14639-1P $3,629.05	14641-1P $3,636.84	14642-1P $5,135.68
Trim (Vertical - Angle Style Valve) - Galvanized *(IPG 236)*							
Loose Trim *(incl. accessory pkg-09316)*	14629-1 $3,409.06	14630-1 $3,281.34	**N/A**	14631-1 $3,336.21	14632-1 $3,491.04	14633-1 $3,499.18	**N/A**
Modular Trim *(incl. accessory pkg-09316)*	14629-1P $3,702.98	14630-1P $3,575.27	**N/A**	14631-1P $3,630.13	14632-1P $3,784.93	14633-1P $3,793.12	**N/A**

	1-1/2"	**2"**	**2-1/2"**	**3"**	**4"**	**6"**	**8"**
Releasing Devices *(IPG V226)*							
Pneumatic Actuator	06459B $613.27	06459B $613.27	06459B $613.27	06459B $613.27	06459B $613.27	06459B $613.27	06459B $613.27
Releasing Trim - Galvanized *(IPG V238)*							
Loose Trim *(releasing device not incl.)*	10809 $96.09	10809 $96.09	10809 $96.09	10809 $96.09	10809 $96.09	10809 $96.09	10809 $96.09
Modular Trim *(releasing device not incl.)*	10809P $428.22	10809P $428.22	10809P $428.22	10809P $428.22	10809P $428.22	10809P $428.22	10809P $428.22
Loose Trim-DOMESTIC[1] *(releasing device not incl.)*	10809USA $128.12	10809USA $128.12	10809USA $128.12	10809USA $128.12	10809USA $128.12	10809USA $128.12	10809USA $128.12

	1-1/2"	**2"**	**2-1/2"**	**3"**	**4"**	**6"**	**8"**
Riser Check Valve and Trim *(IPG V259 / V222)*							
Riser Check Valve Threaded	10659 $693.25	10667 $801.53	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
Riser Check Valve Flange / Flange	**N/A**	**N/A**	**N/A**	08505 $1,169.54	08508 $1,205.06	08511 $1,986.92	**N/A**
Riser Check Valve Flange / Groove	**N/A**	**N/A**	**N/A**	08506 $991.89	08509 $1,020.95	08512 $1,689.66	08515 $2,391.56
Riser Check Valve Groove / Groove	11054 $693.25	11059 $801.53	07929 $843.23	08507 $843.23	08510 $843.23	08513 $1,560.47	08516 $2,209.85
Riser Check Valve Trim *(For Preaction)*	12960 $230.08	12960 $230.08	13776 $576.39	13776 $576.39	13777 $609.29	13777 $609.29	13777 $609.29

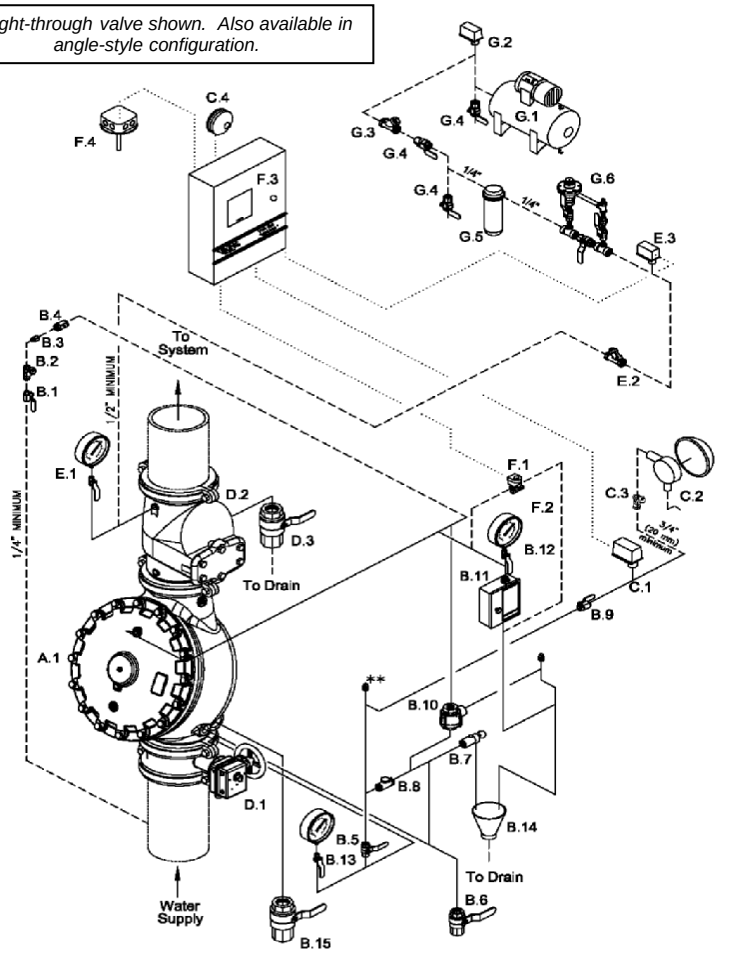
Riser check valve trim includes system main drain valve and air pressure gauge.

Viking Quik Pik Packages - *Complete packages customized to fit your requirements*			
Viking's exclusive Quik Pik packages allow you to customize the components needed in your deluge or preaction system. Contact your customer service center today to see how quick & easy ordering a deluge or preaction system can be.	SQP00490 (1 ½" - Thread)	SQP00530 (4" - F x G)	*See pgs O-14-17 for available accessories & related equipment*
	SQP00500 (2" - Thread)	SQP00540 (4" - F x F)	
	SQP00510 (3" - F x G)	SQP00550 (6" - F x G)	
	SQP00520 (3" - F x F)	SQP00560 (6" - F x F)	

Please contact your customer service center for price and availability of non-interlocked preaction systems.

Preaction System - Single Interlocked - Electric Release

Straight-through valve shown. Also available in angle-style configuration.



SYSTEM COMPONENTS

A. Valve
- A.1 Deluge Valve

B. Deluge Valve Conventional Trim *
- (See Deluge Valve Conventional Trim Charts)
- B.1 Priming Valve (Normally Open)
- B.2 Strainer
- B.3 1/16" Restricted Orifice
- B.4 Spring Loaded Check Valve
- B.5 Alarm Test Valve (Normally Closed)
- B.6 Auxiliary Drain Valve (Normally Closed)
- B.7 Drip Check Valve
- B.8 Drain Check Valve
- B.9 Alarm Shut-Off Valve (Normally Open)
- B.10 Pressure Operated Relief Valve (P.O.R.V.)
- B.11 Emergency Release
- B.12 Priming Pressure Water Gauge and Valve
- B.13 Water Supply Pressure Gauge and Valve
- B.14 Drain Cup
- B.15 Flow Test Valve (Normally Closed)

C. Water Flow Alarm Equipment
- C.1 Alarm Pressure Switch and/or
- C.2 Water Motor Alarm (Strainer Required)
- C.3 Strainer
- C.4 Electric Alarm Bell

D. Riser
- D.1 Water Supply Control Valve
- D.2 Easy Riser Check Valve or rubber seated check valve
- D.3 Sprinkler System Main Drain

E. Supervisory Air Supply
- E.1 System Pressure Gauge and Valve
- E.2 Soft Seat Swing Check Valve
- E.3 Air Pressure Supervisory Switch

F. Release System
- F.1 Solenoid Valve (Normally Closed)
- F.2 Electric Release Trim
- F.3 System Control Panel configured for Non-Interlocked Preaction operation.
- F.4 Electric Detection System. Heat Detector shown for clarity.

- G.1 Automatic Air Supply. Air Compressor and Tank shown for clarity.
- G.2 Air Supervisory Pressure Switch (Compressor On/Off Control Switch)
- G.3 Soft Seat Check Valve
- G.4 Shut Off Valve (Indicating Ball Valve recommended.)
- G.5 Dehydrator
- G.6 Air maintenance Device & By-Pass Trim
- G.7 1/"2 x 1/4" Reducing Coupling

----- Dashed lines indicate pipe required but not listed in "System Components" Table.

..... Dotted lines indicate electrical detection system wiring required but not listed in "System Components" Table. For additional wiring requirements refer to technical data for components used.

Components shown above are included in Quik Pik packages as customized by user. See page O-5.

Model F Deluge / Preaction Valve* - STRAIGHT THROUGH

V233	1-1/2"	2"	2-1/2"	3"	4"	6"	8"
Thread X Thread	12126 $2,920.96	12059 $3,019.06	12401 $3,986.71	N/A	N/A	N/A	N/A
Flange X Flange	N/A	N/A	N/A	12014 $3,986.71	11953 $5,193.06	11955 $7,103.17	11991 $16,089.53
Flange X Groove	N/A	N/A	N/A	12018 $3,986.71	11952 $5,193.06	11954 $7,103.17	N/A
Groove X Groove	12125 $2,920.96	12057 $3,019.06	12403 $3,986.71	12022 $3,986.71	11513 $5,193.06	11524 $7,103.17	11018 $16,089.53

Model E Deluge / Preaction Valve* - ANGLE STYLE

V233	1-1/2"	2"	3"	4"	6"
Thread X Thread	09889 $1,417.78	05852C $3,161.47	N/A	N/A	N/A
Flange X Flange	N/A	N/A	05912C $4,174.73	05909C $5,438.01	05906C $7,438.22
Flange X Groove	N/A	N/A	05835C $4,174.73	05839C $5,438.01	05456C $7,438.22

See page O-18-19 for additional valve and trim options, including Halar® coated valves, horizontal trim, domestic trim, and brass trim packages.

** Valve is not included in trim packages. Please order separately. See following page for trim packages and equipment.*

Preaction System - Single Interlocked - Electric Release

TrimPac® *V234*	**1-1/2"**	**2"**	**2-1/2"**	**3"**	**4"**	**6"**	**8"**
Angle/Straight-Through	13792B-3 $5,255.45	13792B-3 $5,255.45	13792B-3 $5,255.45	13792B-3 $5,255.45	13792B-3 $5,255.45	13792B-3 $5,255.45	13792B-3 $5,255.45

TrimPac ® includes conventional trim, releasing device (solenoid valve), releasing trim, and flexible hose kit.
Drain package for TrimPac ® must be ordered separately (see below).

Drain Package *(IPG V257)*

Use with TrimPac® *(order separately)*	11894-1 $507.75	11894-2 $410.70	11894-3 $465.42	11894-3 $465.42	11894-4 $597.35	11894-4 $597.35	11894-4 $597.35

	1-1/2"	**2"**	**2-1/2"**	**3"**	**4"**	**6"**	**8"**
Trim (Vertical - Straight Through Valve) - Galvanized *(IPG V236)*							
Loose Trim *(incl. accessory pkg-09316)*	14634-1 $3,255.50	14634-1 $3,255.50	14636-1 $3,185.93	14636-1 $3,185.93	14639-1 $3,333.75	14641-1 $3,341.57	14642-1 $4,840.40
Modular Trim *(incl. accessory pkg-09316)*	14634-1P $3,549.43	14634-1P $3,549.43	14636-1P $3,479.83	14636-1P $3,479.83	14639-1P $3,629.05	14641-1P $3,636.84	14642-1P $5,135.68
Trim (Vertical - Angle Style Valve) - Galvanized *(IPG V236)*							
Loose Trim *(incl. accessory pkg-09316)*	14629-1 $3,409.06	14630-1 $3,281.34	**N/A**	14631-1 $3,336.21	14632-1 $3,491.04	14633-1 $3,499.18	**N/A**
Modular Trim *(incl. accessory pkg-09316)*	14629-1P $3,702.98	14630-1P $3,575.27	**N/A**	14631-1P $3,630.13	14632-1P $3,784.93	14633-1P $3,793.12	**N/A**

	1-1/2"	**2"**	**2-1/2"**	**3"**	**4"**	**6"**	**8"**
Releasing Devices *(IPG V240)*							
Solenoid Valve	11601 $925.40	11601 $925.40	11601 $925.40	11601 $925.40	11601 $925.40	11601 $925.40	11601 $925.40
Releasing Trim - Galvanized *(IPG V238)*							
Loose Trim *(releasing device not incl.)*	10830 $99.20	10830 $99.20	10830 $99.20	10830 $99.20	10830 $99.20	10830 $99.20	10830 $99.20
Modular Trim *(releasing device not incl.)*	10830P $428.22	10830P $428.22	10830P $428.22	10830P $428.22	10830P $428.22	10830P $428.22	10830P $428.22
Loose Trim - DOMESTIC *(releasing device not incl.)*	10830USA $132.25	10830USA $132.25	10830USA $132.25	10830USA $132.25	10830USA $132.25	10830USA $132.25	10830USA $132.25

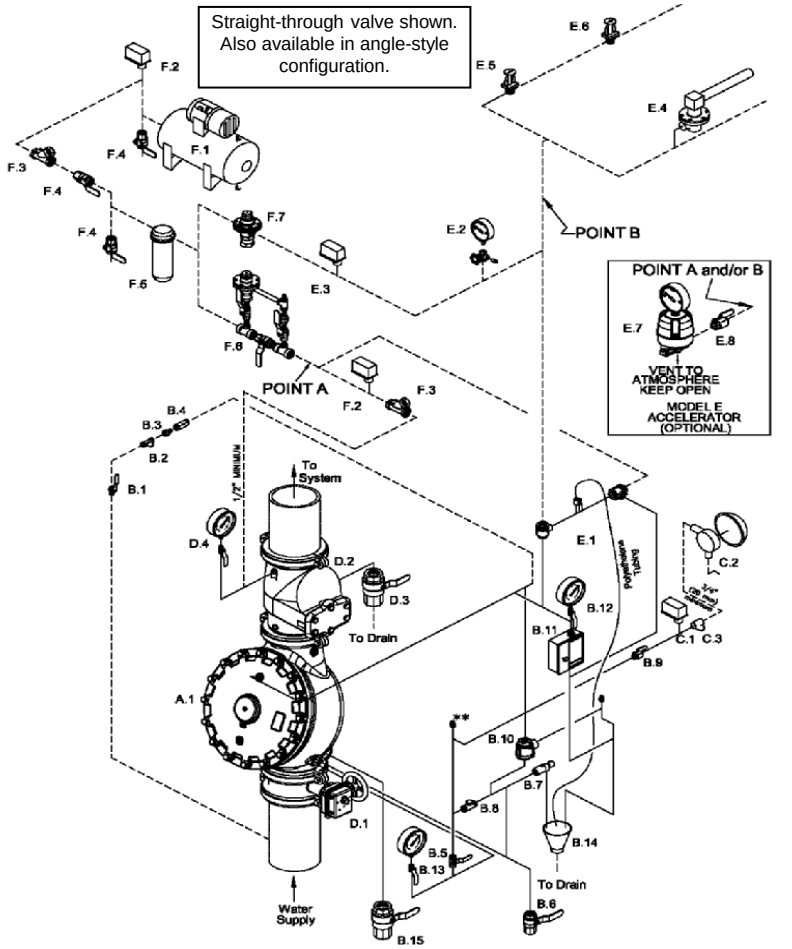
	1-1/2"	**2"**	**2-1/2"**	**3"**	**4"**	**6"**	**8"**
Riser Check Valve and Trim *(IPG V259 / V222)*							
Riser Check Valve Threaded	10659 $693.25	10667 $801.53	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
Riser Check Valve Flange / Flange	**N/A**	**N/A**	**N/A**	08505 $1,169.54	08508 $1,205.06	08511 $1,986.92	**N/A**
Riser Check Valve Flange / Groove	**N/A**	**N/A**	**N/A**	08506 $991.89	08509 $1,020.95	08512 $1,689.66	08515 $2,391.56
Riser Check Valve Groove / Groove	11054 $693.25	11059 $801.53	07929 $843.23	08507 $843.23	08510 $843.23	08513 $1,560.47	08516 $2,209.85
Riser Check Valve Trim *(For Preaction)*	12960 $230.08	12960 $230.08	13776 $576.39	13776 $576.39	13777 $609.29	13777 $609.29	13777 $609.29

Riser check valve trim includes system main drain valve and air pressure gauge.

Viking Quik Pik Packages - *Complete packages customized to fit your requirements*			
Viking's exclusive Quik Pik packages allow you to customize the components needed in your deluge or preaction system. Contact your customer service center today to see how quick & easy ordering a deluge or preaction system can be.	SQP00490 (1 ½" - Thread)	SQP00530 (4" - F x G)	*See pgs O-14-17 for available accessories & related equipment*
	SQP00500 (2" - Thread)	SQP00540 (4" - F x F)	
	SQP00510 (3" - F x G)	SQP00550 (6" - F x G)	
	SQP00520 (3" - F x F)	SQP00560 (6" - F x F)	

Please contact your customer service center for price and availability of non-interlocked preaction systems.

Preaction System - Double Interlocked - Pneumatic/Pneumatic Release



Dashed lines indicate pipe required but not included with Deluge Valve Conventional Trim and Easy Riser Check Valve Trim Packages.

* Viking Deluge Valve Trim Packages contain items B.1 through B.15 and associated nipples. Viking Accessory Package for Conventional Deluge Valve Trim contains B.2 through B.5, B.7 through B.11, and B.14.

SYSTEM COMPONENTS

A. Valve
- A.1 Deluge Valve

B. Deluge Valve Conventional Trim *
- (See Deluge Valve Conventional Trim Charts)
- B.1 Priming Valve (Normally Open)
- B.2 Strainer
- B.3 1/16" Restricted Orifice
- B.4 Spring Loaded Check Valve
- B.5 Alarm Test Valve (Normally Closed)
- B.6 Auxiliary Drain Valve (Normally Closed)
- B.7 Drip Check Valve
- B.8 Drain Check Valve
- B.9 Alarm Shut-Off Valve (Normally Open)
- B.10 Pressure Operated Relief Valve (P.O.R.V.)
- B.11 Emergency Release
- B.12 Priming Pressure Water Gauge and Valve
- B.13 Water Supply Pressure Gauge and Valve
- B.14 Drain Cup
- B.15 Flow Test Valve (Normally Closed)

C. Water Flow Alarm Equipment
- C.1 Alarm Pressure Switch and/or
- C.2 Water Motor Alarm (Strainer Required)
- C.3 Strainer

D. Riser
- D.1 Water Supply Control Valve
- D.2 Easy Riser Check Valve or rubber seated check valve
- D.3 Sprinkler System Main Drain
- D.4 System Pressure Gauge and Valve

E. Release System
- E.1 Pneumatic/Pneumatic Release Module Trim
- E.2 Air Pressure Gauge and Valve
- E.3 Air Pressure Supervisory Switch
- E.4 Thermostatic Release and/or
- E.5 Fixed Temperature Release and/or
- E.6 Pilot Head (Sprinkler)
- E.7 Accelerator (Optional. See Inset.)
- E.8 Accelerator Isolation Valve (See Inset.)

F. Air Supply
- F.1 Tank Mounted Air Compressor
- F.2 Air Supervisory Pressure Switch (Compressor On/Off Control Switch)
- F.3 Soft Seat Check Valve
- F.4 Shut Off Valve (Indicating Ball Valve recommended.)
- F.5 Dehydrator
- F.6 Air maintenance Device & By-Pass Trim
- F.7 Air maintenance Device
- F.8 Air Pressure Supervisory Switch
- F.9 Soft Seat Swing Check Valve

Components shown above are included in Quik Pik packages as customized by user. See page O-7.

Model F Deluge / Preaction Valve* - STRAIGHT THROUGH

V233	1-1/2"	2"	2-1/2"	3"	4"	6"	8"
Thread X Thread	12126 $2,920.96	12059 $3,019.06	12401 $3,986.71	N/A	N/A	N/A	N/A
Flange X Flange	N/A	N/A	N/A	12014 $3,986.71	11953 $5,193.06	11955 $7,103.17	11991 $16,089.53
Flange X Groove	N/A	N/A	N/A	12018 $3,986.71	11952 $5,193.06	11954 $7,103.17	N/A
Groove X Groove	12125 $2,920.96	12057 $3,019.06	12403 $3,986.71	12022 $3,986.71	11513 $5,193.06	11524 $7,103.17	11018 $16,089.53

Model E Deluge / Preaction Valve* - ANGLE STYLE

V233	1-1/2"	2"	3"	4"	6"
Thread X Thread	09889 $1,417.78	05852C $3,161.47	N/A	N/A	N/A
Flange X Flange	N/A	N/A	05912C $4,174.73	05909C $5,438.01	05906C $7,438.22
Flange X Groove	N/A	N/A	05835C $4,174.73	05839C $5,438.01	05456C $7,438.22

See page O-18-19 for additional valve and trim options, including Halar® coated valves, horizontal trim, domestic trim, and brass trim packages.

** Valve is not included in trim packages. Please order separately. See following page for trim packages and equipment.*

Preaction System - Double Interlocked - Pneumatic/Pneumatic Release

	1-1/2"	2"	2-1/2"	3"	4"	6"	8"
Trim (Vertical - Straight Through Valve) - Galvanized *(IPG V236)*							
Loose Trim *(incl. accessory pkg-09316)*	14634-1 $3,255.50	14634-1 $3,255.50	14636-1 $3,185.93	14636-1 $3,185.93	14639-1 $3,333.75	14641-1 $3,341.57	14642-1 $4,840.40
Modular Trim *(incl. accessory pkg-09316)*	14634-1P $3,549.43	14634-1P $3,549.43	14636-1P $3,479.83	14636-1P $3,479.83	14639-1P $3,629.05	14641-1P $3,636.84	14642-1P $5,135.68
Trim (Vertical - Angle Style Valve) - Galvanized *(IPG V236)*							
Loose Trim *(incl. accessory pkg-09316)*	14629-1 $3,409.06	14630-1 $3,281.34	N/A	14631-1 $3,336.21	14632-1 $3,491.04	14633-1 $3,499.18	N/A
Modular Trim *(incl. accessory pkg-09316)*	14629-1P $3,702.98	14630-1P $3,575.27	N/A	14631-1P $3,630.13	14632-1P $3,784.93	14633-1P $3,793.12	N/A

	1-1/2"	2"	2-1/2"	3"	4"	6"	8"
Releasing Devices *(IPG V226)*							
Pneumatic Actuator	06459B $613.27	06459B $613.27	06459B $613.27	06459B $613.27	06459B $613.27	06459B $613.27	06459B $613.27

On pneumatic/pneumatic preaction systems only, releasing devices (pneumatic actuators) are included in releasing trim.

Releasing Trim - Galvanized *(IPG V238)*							
Loose Trim	12662-1 $1,651.19	12662-1 $1,651.19	12662-1 $1,651.19	12662-1 $1,651.19	12662-1 $1,651.19	12662-1 $1,651.19	12662-1 $1,651.19
Modular Trim	12662-1P P.O.A.	12662-1P P.O.A.	12662-1P P.O.A.	12662-1P P.O.A.	12662-1P P.O.A.	12662-1P P.O.A.	12662-1P P.O.A.

On pneumatic/pneumatic preaction systems only, releasing devices (pneumatic actuators) are included in releasing trim.

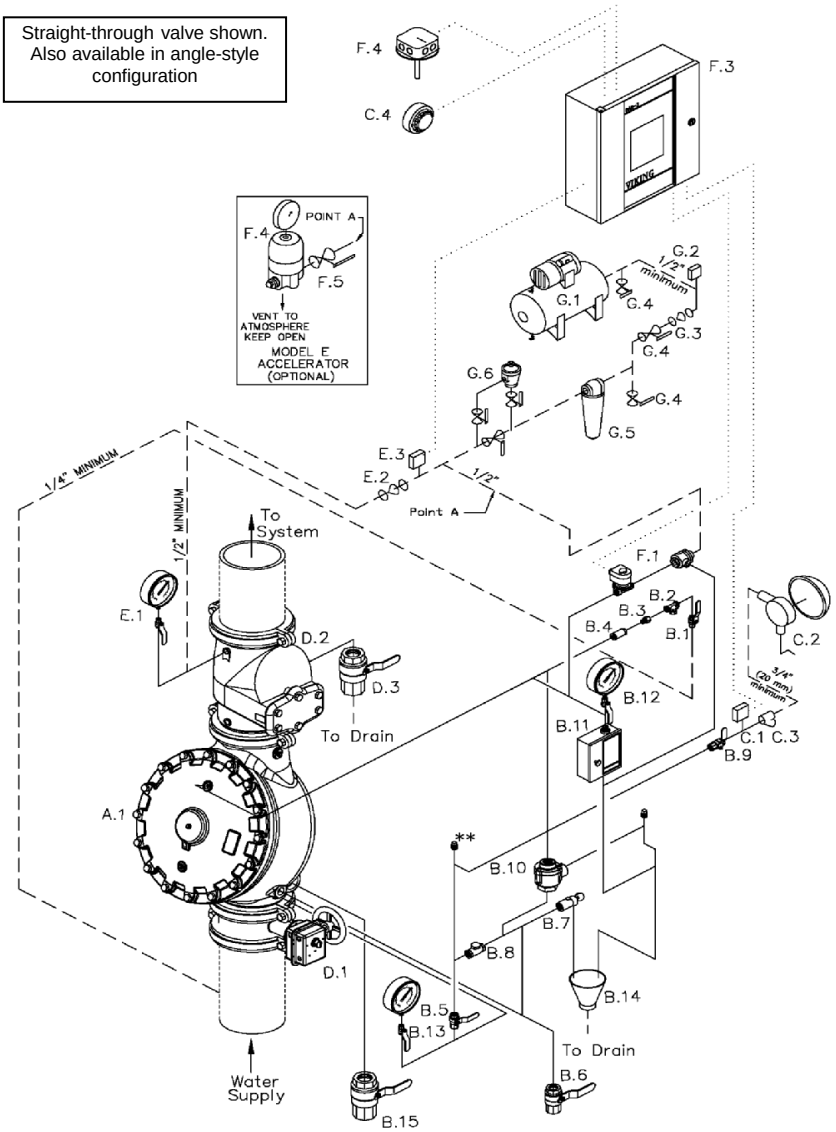
	1-1/2"	2"	2-1/2"	3"	4"	6"	8"
Riser Check Valve and Trim *(IPG V259 / V222)*							
Riser Check Valve Threaded	10659 $693.25	10667 $801.53	N/A	N/A	N/A	N/A	N/A
Riser Check Valve Flange / Flange	N/A	N/A	N/A	08505 $1,169.54	08508 $1,205.06	08511 $1,986.92	N/A
Riser Check Valve Flange / Groove	N/A	N/A	N/A	08506 $991.89	08509 $1,020.95	08512 $1,689.66	08515 $2,391.56
Riser Check Valve Groove / Groove	11054 $693.25	11059 $801.53	07929 $843.23	08507 $843.23	08510 $843.23	08513 $1,560.47	08516 $2,209.85
Riser Check Valve Trim *(For Preaction)*	12960 $230.08	12960 $230.08	13776 $576.39	13776 $576.39	13777 $609.29	13777 $609.29	13777 $609.29

Riser check valve trim includes system main drain valve and air pressure gauge.

Viking Quik Pik Packages - *Complete packages customized to fit your requirements*			
Viking's exclusive Quik Pik packages allow you to customize the components needed in your deluge or preaction system. Contact your customer service center today to see how quick & easy ordering a deluge or preaction system can be.	SQP00650 (1 ½" - Thread)	SQP00690 (4" - F x G)	*See pgs O-14-17 for available accessories & related equipment*
	SQP00660 (2" - Thread)	SQP00700 (4" - F x F)	
	SQP00670 (3" - F x G)	SQP00710 (6" - F x G)	
	SQP00680 (3" - F x F)	SQP00720 (6" - F x F)	

Preaction System - Double Interlocked - Electric/Pneumatic Release

Straight-through valve shown. Also available in angle-style configuration



Components shown above are included in QuikPik packages as customized by user. See page O-9.

Description

A.1 Model F deluge valve
Deluge valve conventional trim including:
B.1 Priming connection ball valve (N.O.)
B.2 Y strainer
B.3 Restricted orifice
B.4 Spring loaded in-line check valve
B.5 Alarm test valve (normally closed)
B.6 Auxiliary drain valve (normally closed)
B.7 Drip check valve
B.8 Drain check valve
B.9 Alarm shut-off valve (normally open)
B.10 Pressure operated relief valve (porv)
B.11 Model C emergency release
B.12 Priming pressure water gauge & valve
B.13 Water supply pressure gauge & valve
B.14 Drain cup
B.15 Flow test valve (normally closed)
C.1 Alarm pressure switch and/or
C.2 Model F-2 water motor alarm including:
C.3 3/4" / DN20 alarm line Y strainer
C.4 Electric alarm bell
D.1 Water supply control valve
D.2 Easy Riser® check valve & trim including:
D.3 System main drain valve
E.1 Air pressure gauge and valve
E.2 Soft seat air supply check valve
E.3 Air pressure supervisory switch
F.1 Electric/pneumatic release module trim
F.1 Solenoid valve (normally closed)
F.1 Pneumatic actuator
F.3 VFR400 release control panel
F.4 Electric detection system
F.4 Model E-1 accelerator (optional)
F.5 Accelerator isolation ball valve
G.1 Automatic air supply
G.2 Air pressure supervisory switch
G.3 Soft seat air supply check valve
G.4 Shut-off ball valve
G.5 Dehydrator package
G.6 D-2 air maintenance device and by-pass trim

Model F Deluge / Preaction Valve* - STRAIGHT THROUGH

V233	1-1/2"	2"	2-1/2"	3"	4"	6"	8"
Thread X Thread	12126 $2,755.62	12059 $2,848.17	12401 $3,986.71	N/A	N/A	N/A	N/A
Flange X Flange	N/A	N/A	N/A	12014 $3,986.71	11953 $5,193.06	11955 $7,103.17	11991 $16,089.53
Flange X Groove	N/A	N/A	N/A	12018 $3,986.71	11952 $5,193.06	11954 $7,103.17	N/A
Groove X Groove	12125 $2,920.96	12057 $3,019.06	12403 $3,986.71	12022 $3,986.71	11513 $5,193.06	11524 $7,103.17	11018 $16,089.53

Model E Deluge / Preaction Valve* - ANGLE STYLE

V233	1-1/2"	2"	3"	4"	6"
Thread X Thread	09889 $1,417.78	05852C $3,161.47	N/A	N/A	N/A
Flange X Flange	N/A	N/A	05912C $4,174.73	05909C $5,438.01	05906C $7,438.22
Flange X Groove	N/A	N/A	05835C $4,174.73	05839C $5,438.01	05456C $7,438.22

** Valve is not included in trim packages. Please order separately. See following page for trim packages and equipment.*

Preaction System - Double Interlocked - Electric/Pneumatic Release

TrimPac® *V234*	**1-1/2"**	**2"**	**2-1/2"**	**3"**	**4"**	**6"**	**8"**
Angle/Straight-Through	13794B-5 $6,177.14	13794B-5 $6,177.14	13794B-5 $6,177.14	13794B-5 $6,177.14	13794B-5 $6,177.14	13794B-5 $6,177.14	13794B-5 $6,177.14

TrimPac® includes conventional trim, releasing devices, releasing trim, and flexible hose kit.
Drain package for TrimPac® must be ordered separately (see below).

Drain Package *(IPG V257)*

Use with TrimPac® *(order separately)*	11894-1 $507.75	11894-2 $410.70	11894-3 $465.42	11894-3 $465.42	11894-4 $597.35	11894-4 $597.35	11894-4 $597.35

	1-1/2"	**2"**	**2-1/2"**	**3"**	**4"**	**6"**	**8"**
Trim (Vertical - Straight Through Valve) - Galvanized *(IPG V236)*							
Loose Trim *(incl. accessory pkg-09316)*	14634-1 $3,255.50	14634-1 $3,255.50	14636-1 $3,185.93	14636-1 $3,185.93	14639-1 $3,333.75	14641-1 $3,341.57	14642-1 $4,840.40
Modular Trim *(incl. accessory pkg-09316)*	14634-1P $3,549.43	14634-1P $3,549.43	14636-1P $3,479.83	14636-1P $3,479.83	14639-1P $3,629.05	14641-1P $3,636.84	14642-1P $5,135.68
Trim (Vertical - Angle Style Valve) - Galvanized *(IPG V236)*							
Loose Trim *(incl. accessory pkg-09316)*	14629-1 $3,409.06	14630-1 $3,281.34	**N/A**	14631-1 $3,336.21	14632-1 $3,491.04	14633-1 $3,499.18	**N/A**
Modular Trim *(incl. accessory pkg-09316)*	14629-1P $3,702.98	14630-1P $3,575.27	**N/A**	14631-1P $3,630.13	14632-1P $3,784.93	14633-1P $3,793.12	**N/A**

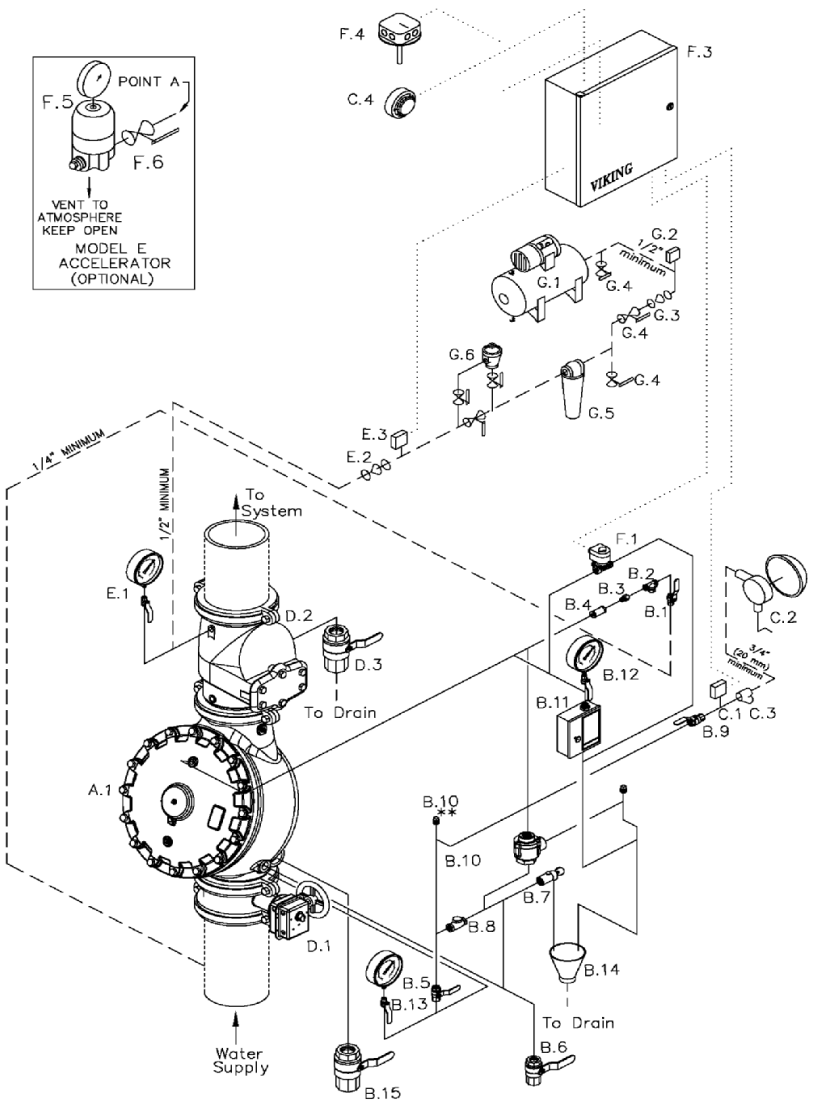
	1-1/2"	**2"**	**2-1/2"**	**3"**	**4"**	**6"**	**8"**
Releasing Devices							
Solenoid Valve *IPG V240*	11601 $925.40	11601 $925.40	11601 $925.40	11601 $925.40	11601 $925.40	11601 $925.40	11601 $925.40
Pneumatic Actuator *IPG V226*	06459B $613.27	06459B $613.27	06459B $613.27	06459B $613.27	06459B $613.27	06459B $613.27	06459B $613.27
Releasing Trim - Galvanized *(IPG V238)*							
Loose Trim *(releasing device not incl.)*	12661-1 $102.94	12661-1 $102.94	12661-1 $102.94	12661-1 $102.94	12661-1 $102.94	12661-1 $102.94	12661-1 $102.94
Modular Trim *(releasing device not incl.)*	12661-1P $411.09	12661-1P $411.09	12661-1P $411.09	12661-1P $411.09	12661-1P $411.09	12661-1P $411.09	12661-1P $411.09
Loose Trim - DOMESTIC *(releasing device not incl.)*	12661-1USA $137.26	12661-1USA $137.26	12661-1USA $137.26	12661-1USA $137.26	12661-1USA $137.26	12661-1USA $137.26	12661-1USA $137.26

	1-1/2"	**2"**	**2-1/2"**	**3"**	**4"**	**6"**	**8"**
Riser Check Valve and Trim *(IPG V259 / V222)*							
Riser Check Valve Threaded	10659 $693.25	10667 $801.53	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
Riser Check Valve Flange / Flange	**N/A**	**N/A**	**N/A**	08505 $1,169.54	08508 $1,205.06	08511 $1,986.92	**N/A**
Riser Check Valve Flange / Groove	**N/A**	**N/A**	**N/A**	08506 $991.89	08509 $1,020.95	08512 $1,689.66	08515 $2,391.56
Riser Check Valve Groove / Groove	11054 $693.25	11059 $801.53	07929 $843.23	08507 $843.23	08510 $843.23	08513 $1,560.47	08516 $2,209.85
Riser Check Valve Trim *(For Preaction)*	12960 $230.08	12960 $230.08	13776 $576.39	13776 $576.39	13777 $609.29	13777 $609.29	13777 $609.29

Riser check valve trim includes system main drain valve and air pressure gauge.

Viking Quik Pik Packages - *Complete packages customized to fit your requirements*			
Viking's exclusive Quik Pik packages allow you to customize the components needed in your deluge or preaction system. Contact your customer service center today to see how quick & easy ordering a deluge or preaction system can be.	SQP00570 (1 ½" - Thread)	SQP00610 (4" - F x G)	*See pgs O-14-17 for available accessories & related equipment*
	SQP00580 (2" - Thread)	SQP00620 (4" - F x F)	
	SQP00590 (3" - F x G)	SQP00630 (6" - F x G)	
	SQP00600 (3" - F x F)	SQP00640 (6" - F x F)	

Preaction System - Double Interlocked - Electric/Pneu-lectric Release



Components shown above are included in Quik Pik packages as customized by user. See page O-11.

Description

A.1 Model E deluge valve
Deluge valve conventional trim including:
- B.1 Priming connection ball valve (N.O.)
- B.2 Y strainer
- B.3 Restricted orifice
- B.4 Spring loaded in-line check valve
- B.5 Alarm test valve (normally closed)
- B.6 Auxiliary drain valve (normally closed)
- B.7 Drip check valve
- B.8 Drain check valve
- B.9 Alarm shut-off valve (normally open)
- B.10 Pressure operated relief valve (PORV)
- B.11 Model c emergency release
- B.12 Priming pressure water gauge & valve
- B.13 Water supply pressure gauge & valve
- B.14 Drain cup
- B.15 Flow test valve (normally closed)

C.1 Alarm pressure switch and/or
C.2 Model F-2 water motor alarm including:
- C.3 3/4" / DN20 alarm line Y strainer

C.4 Electric alarm bell
D.1 Water supply control valve
D.2 Easy Riser® check valve
Easy Riser® trim for preaction (including)
- D.3 System main drain valve
- E.1 Air pressure gauge and valve

E.2 Soft seat air supply check valve
E.3 Air pressure supervisory switch
F.1 Solenoid valve (normally closed)
F.2 Electric release module trim
F.3 VFR-400 Release control panel
F.4 Electric detection system
F.5 Model E-1 accelerator (optional)
F.6 Accelerator isolation ball valve
G.1 Automatic air supply
G.2 Air pressure supervisory switch
G.3 Soft seat air supply check valve
G.4 Shut-off ball valve
G.5 Dehydrator package
G.6 D-2 air maintenance device & by-pass trim

Model F Deluge / Preaction Valve* - STRAIGHT THROUGH

V233	1-1/2"	2"	2-1/2"	3"	4"	6"	8"
Thread X Thread	12126 $2,920.96	12059 $3,019.06	12401 $3,986.71	N/A	N/A	N/A	N/A
Flange X Flange	N/A	N/A	N/A	12014 $3,986.71	11953 $5,193.06	11955 $7,103.17	11991 $16,089.53
Flange X Groove	N/A	N/A	N/A	12018 $3,986.71	11952 $5,193.06	11954 $7,103.17	N/A
Groove X Groove	12125 $2,920.96	12057 $3,019.06	12403 $3,986.71	12022 $3,986.71	11513 $5,193.06	11524 $7,103.17	11018 $16,089.53

Model E Deluge / Preaction Valve* - ANGLE STYLE

V233	1-1/2"	2"	3"	4"	6"
Thread X Thread	09889 $1,417.78	05852C $3,161.47	N/A	N/A	N/A
Flange X Flange	N/A	N/A	05912C $4,174.73	05909C $5,438.01	05906C $7,438.22
Flange X Groove	N/A	N/A	05835C $4,174.73	05839C $5,438.01	05456C $7,438.22

See page O-18-19 for additional valve and trim options, including Halar® coated valves, horizontal trim, domestic trim, and brass trim packages.

** Valve is not included in trim packages. Please order separately. See following page for trim packages and equipment.*

Preaction System - Double Interlocked - Electric/Pneu-lectric Release

TrimPac® *V234*	**1-1/2"**	**2"**	**2-1/2"**	**3"**	**4"**	**6"**	**8"**
Angle/Straight-Through	13796B-6 $5,255.45	13796B-6 $5,255.45	13796B-6 $5,255.45	13796B-6 $5,255.45	13796B-6 $5,255.45	13796B-6 $5,255.45	13796B-6 $5,255.45

TrimPac ® includes conventional trim, releasing device (solenoid valve), releasing trim, and flexible hose kit.
Drain package for TrimPac ® must be ordered separately (see below).

Drain Package *(IPG V257)*

Use with TrimPac® *(order separately)*	11894-1 $507.75	11894-2 $410.70	11894-3 $465.42	11894-3 $465.42	11894-4 $597.35	11894-4 $597.35	11894-4 $597.35

	1-1/2"	**2"**	**2-1/2"**	**3"**	**4"**	**6"**	**8"**
Trim (Vertical - Straight Through Valve) - Galvanized *(IPG V236)*							
Loose Trim *(incl. accessory pkg-09316)*	14634-1 $3,255.50	14634-1 $3,255.50	14636-1 $3,185.93	14636-1 $3,185.93	14639-1 $3,333.75	14641-1 $3,341.57	14642-1 $4,840.40
Modular Trim *(incl. accessory pkg-09316)*	14634-1P $3,549.43	14634-1P $3,549.43	14636-1P $3,479.83	14636-1P $3,479.83	14639-1P $3,629.05	14641-1P $3,636.84	14642-1P $5,135.68

Trim (Vertical - Angle Style Valve) - Galvanized *(IPG V236)*							
Loose Trim *(incl. accessory pkg-09316)*	14629-1 $3,409.06	14630-1 $3,281.34	**N/A**	14631-1 $3,336.21	14632-1 $3,491.04	14633-1 $3,499.18	**N/A**
Modular Trim *(incl. accessory pkg-09316)*	14629-1P $3,702.98	14630-1P $3,575.27	**N/A**	14631-1P $3,630.13	14632-1P $3,784.93	14633-1P $3,793.12	**N/A**

	1-1/2"	**2"**	**2-1/2"**	**3"**	**4"**	**6"**	**8"**
Releasing Devices *(IPG V240)*							
Solenoid Valve	11601 $925.40	11601 $925.40	11601 $925.40	11601 $925.40	11601 $925.40	11601 $925.40	11601 $925.40

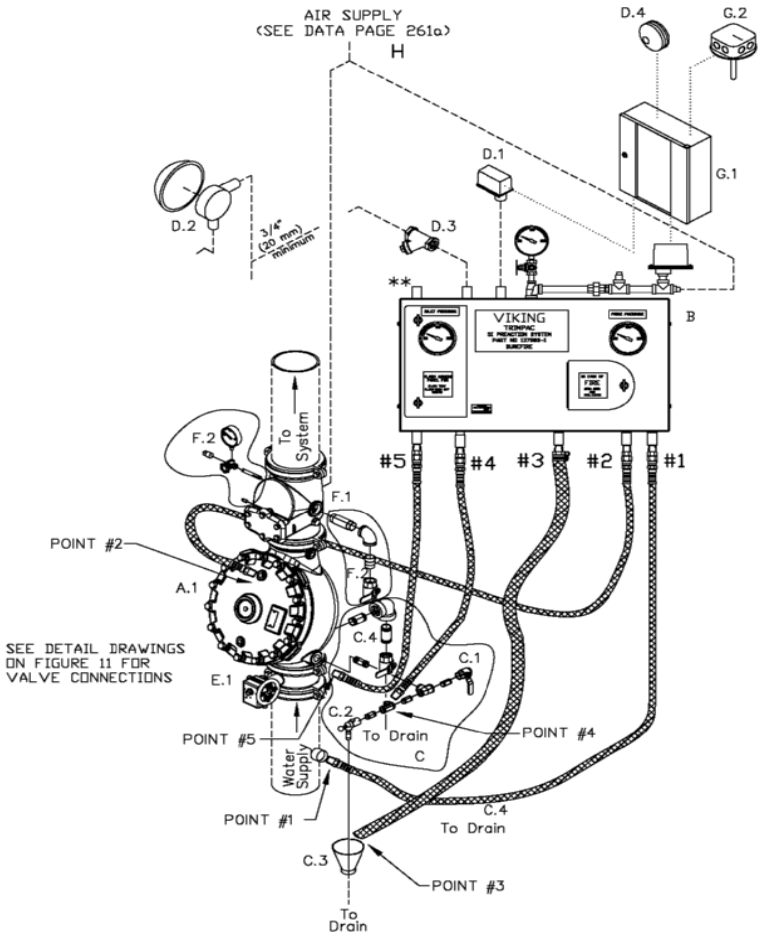
Releasing Trim - Galvanized *(IPG V238)*							
Loose Trim *(releasing device not incl.)*	10830 $99.20	10830 $99.20	10830 $99.20	10830 $99.20	10830 $99.20	10830 $99.20	10830 $99.20
Modular Trim *(releasing device not incl.)*	10830P $428.22	10830P $428.22	10830P $428.22	10830P $428.22	10830P $428.22	10830P $428.22	10830P $428.22
Loose Trim - DOMESTIC *(releasing device not incl.)*	10830USA $132.25	10830USA $132.25	10830USA $132.25	10830USA $132.25	10830USA $132.25	10830USA $132.25	10830USA $132.25

	1-1/2"	**2"**	**2-1/2"**	**3"**	**4"**	**6"**	**8"**
Riser Check Valve and Trim *(IPG V259 / V222)*							
Riser Check Valve Threaded	10659 $693.25	10667 $801.53	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
Riser Check Valve Flange / Flange	**N/A**	**N/A**	**N/A**	08505 $1,169.54	08508 $1,205.06	08511 $1,986.92	**N/A**
Riser Check Valve Flange / Groove	**N/A**	**N/A**	**N/A**	08506 $991.89	08509 $1,020.95	08512 $1,689.66	08515 $2,391.56
Riser Check Valve Groove / Groove	11054 $693.25	11059 $801.53	07929 $843.23	08507 $843.23	08510 $843.23	08513 $1,560.47	08516 $2,209.85
Riser Check Valve Trim *(For Preaction)*	12960 $230.08	12960 $230.08	13776 $576.39	13776 $576.39	13777 $609.29	13777 $609.29	13777 $609.29

Riser check valve trim includes system main drain valve and air pressure gauge.

Viking Quik Pik Packages - *Complete packages customized to fit your requirements*			
Viking's exclusive Quik Pik packages allow you to customize the components needed in your deluge or preaction system. Contact your customer service center today to see how quick & easy ordering a deluge or preaction system can be.	SQP00730 (1 ½" - Thread)	SQP00770 (4" - F x G)	*See pgs O-14-17 for available accessories & related equipment*
	SQP00740 (2" - Thread)	SQP00780 (4" - F x F)	
	SQP00750 (3" - F x G)	SQP00790 (6" - F x G)	
	SQP00760 (3" - F x F)	SQP00800 (6" - F x F)	

SureFire® Preaction System - Single/Double Interlocked



SUREFIRE SINGLE INTERLOCKED PREACTION SYSTEM

A System Valve
- A.1 Deluge Valve

B Trimpac
- Trimpac Components

C Trimpac Drain Package
- C.1 Auxiliary Drain Valve (NC)
- C.2 Drip Check Valve
- C.3 Drain Cup
- C.4 Flow Test Valve (NC)

D Water Flow Alarm Equipment
- D.1 Alarm Pressure Switch
- D.2 Water Motor Alarm (F-2) (Optional)
- D.3 Strainer
- D.4 Electric Alarm Bell

E Riser
- E.1 Water Supply Control Valve

F Check Valve
- F.1 2-1/2"-6" Easy Riser Check Valve
- F.2 Check Valve Trim

G Release System
- G.1 Par-3 or VFR400 Release Control Pan (VFR400 Panel available 1st qtr. 2008)
- G.2 Electric Detection System (Heat Detector shown for clarity)

H Air Supply

Components shown above are included in Quik Pik packages as customized by user. See page O-13.

TrimPac can be used with either straight through or angle style valves (straight through shown)

Model F Deluge / Preaction Valve* - STRAIGHT THROUGH

V233	1-1/2"	2"	2-1/2"	3"	4"	6"	8"
Thread X Thread	12126 $2,920.96	12059 $3,019.06	12401 $3,986.71	N/A	N/A	N/A	N/A
Flange X Flange	N/A	N/A	N/A	12014 $3,986.71	11953 $5,193.06	11955 $7,103.17	11991 $16,089.53
Flange X Groove	N/A	N/A	N/A	12018 $3,986.71	11952 $5,193.06	11954 $7,103.17	N/A
Groove X Groove	12125 $2,920.96	12057 $3,019.06	12403 $3,986.71	12022 $3,986.71	11513 $5,193.06	11524 $7,103.17	11018 $16,089.53

Model E Deluge / Preaction Valve* - ANGLE STYLE

V233	1-1/2"	2"	3"	4"	6"
Thread X Thread	09889 $1,417.78	05852C $3,161.47	N/A	N/A	N/A
Flange X Flange	N/A	N/A	05912C $4,174.73	05909C $5,438.01	05906C $7,438.22
Flange X Groove	N/A	N/A	05835C $4,174.73	05839C $5,438.01	05456C $7,438.22

See page O-18-19 for additional valve and trim options, including Halar® coated valves, horizontal trim, domestic trim, and brass trim packages.

** Valve is not included in trim packages. Please order separately. See following page for trim packages and equipment.*

SureFire® Preaction System - Single/Double Interlocked

Viking's SureFire® fail safe preaction system is available in TrimPac arrangement only. Loose or modular trim not offered.

TrimPac®[1,2,3] *V234*	**1-1/2"**	**2"**	**2-1/2"**	**3"**	**4"**	**6"**	**8"**
Single Interlock	13798D-1	13798D-1	13798D-1	13798D-1	13798D-1	13798D-1	13798D-1
(includes release & trim)	$7,095.93	$7,095.93	$7,095.93	$7,095.93	$7,095.93	$7,095.93	$7,095.93
Double Interlock	13799D-2	13799D-2	13799D-2	13799D-2	13799D-2	13799D-2	13799D-2
(includes release & trim)	$7,760.33	$7,760.33	$7,760.33	$7,760.33	$7,760.33	$7,760.33	$7,760.33

(1) SureFire® TrimPac® systems include conventional trim, releasing device, releasing trim, and flexible hose kit.
Use with both angle and straight through style valves.
(2) Drain package for TrimPac® must be ordered separately (see below).
(3) Galvanized trim. Brass trim options shown on page O-18.

Drain Package *(IPG V257)*

Use with TrimPac®	11894-1	11894-2	11894-3	11894-3	11894-4	11894-4	11894-4
(order separately)	$507.75	$410.70	$465.42	$465.42	$597.35	$597.35	$597.35

Riser Check Valve and Trim *(IPG V259 / V222)*	**1-1/2"**	**2"**	**2-1/2"**	**3"**	**4"**	**6"**	**8"**
Riser Check Valve Threaded	10659 $693.25	10667 $801.53	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
Riser Check Valve Flange / Flange	**N/A**	**N/A**	**N/A**	08505 $1,169.54	08508 $1,205.06	08511 $1,986.92	**N/A**
Riser Check Valve Flange / Groove	**N/A**	**N/A**	**N/A**	08506 $991.89	08509 $1,020.95	08512 $1,689.66	08515 $2,391.56
Riser Check Valve Groove / Groove	11054 $693.25	11059 $801.53	07929 $843.23	08507 $843.23	08510 $843.23	08513 $1,560.47	08516 $2,209.85
Riser Check Valve Trim *(For Preaction)*	12960 $230.08	12960 $230.08	13776 $576.39	13776 $576.39	13777 $609.29	13777 $609.29	13777 $609.29

Riser check valve trim includes system main drain valve and air pressure gauge.

Viking Quik Pik Packages - *Complete packages customized to fit your requirements*

Viking's Quik Pik packages allow you to customize the components needed in your deluge or preaction system. Contact your customer service center today to see how quick & easy ordering a system can be.

SureFire® - Single Interlocked		**SureFire® - Double Interlocked**	
SQP01050 (1 ½" / DN40)	SQP01080 (4" / DN100)	SQP01110 (1 ½" / DN40)	SQP01140 (4" / DN100)
SQP01060 (2" / DN50)	SQP01090 (6" / DN150)	SQP01120 (2" / DN50)	SQP01150 (6" / DN150)
SQP01070 (3" / DN80)	SQP01100 (8" / DN200)	SQP01130 (3" / DN80)	SQP01160 (8" / DN200)

Accessories for TrimPac®

Replacement Hose *V234*

PVC drain hose	12071	$144.57

Riser Mounting Kit *V234*

(use when mounting TrimPac® unit to riser)

Vertical	11900	$1,003.93
Horizontal	11901	$1,380.47

Air Line Trim - TANK MOUNTED *V234*

(not for use with Deluge TrimPac® Systems)

13770	$1,815.18

Air Line Trim - TANKLESS *V234*

(not for use with Deluge TrimPac® Systems)

13771	$639.99

See pages O-14 through O-17 for additional accessories and related components.

Accessories and Additional Components

In-Line Check Valves

Model K-1 (threaded)

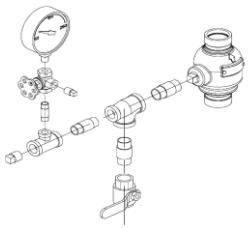
1½"	10659	$693.25
2"	10667	$801.53

Model L-1 (grooved)

1½"	11054	$693.25
2"	11059	$801.53

IPG V259

In-Line Check Valve Trim (1-1/2" - 2")



Model L-1 / K-1
12960
$230.08

IPG V222

Ball Valve

IPG V226

Brass			Stainless Steel	
1/4"	10354	$30.64	10644	$263.49
1/2"	10355	$52.05	10645	$264.99
1"	10356	$77.25	10646	$422.67
			10647	$512.35
			10648	$976.61
			10649	$1,325.63

Pressure Operated Relief Valve (PORV) - Model D-3

½" / DN15
Brass
16970 $1,392.00

IPG V242

Pressure Operated Relief Valve (PORV) - Model D-4

½" / DN15
Corrosion Resistant
16971 $2,141.53

IPG V242

Restricted Orifice

IPG V226

1/4 " (DN8)
1/16" (1.6mm) 10110 $37.07
Corrosion Resistant
1/16" (1.6mm) 10110J $86.41

Air Gauge

0-300 psi (2068 kPa)

1/4" / DN8
VAIRSF $26.41

IPG SR295

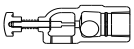
Globe Valve for Gauges (side outlet)

1/4" / DN8
76V-25 $20.66

IPG V226

Drip Check Valve - Model D-1

Velocity Check



3/4" / DN20
10730 $187.37
Corrosion Resistant (D-4)
10733 $282.62

IPG V226

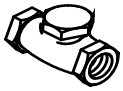
Drain Cup

1½" / DN40
01019B $18.35

IPG V226

Drain Check Valve

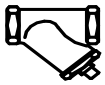
IPG V226



1/2" / DN15
05781A $95.35
Corrosion Resistant
05781AJ $199.47

Y Strainer

IPG SR260



1/4" / DN15
14BYS $43.90

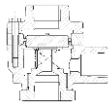
Water Gauge

0-300 psi
1/4" VWATERSF $26.41

IPG SR295

Prime Shut-Off Valve

IPG V226



1/2" / DN15
10723 $811.25
Corrosion Resistant
10724 $1,450.06

Restricted Orifice

5/64" / 2mm

1/2" / DN15
11706 $76.57

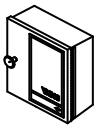
IPG V226

In-Line Check Valve

IPG V226

1/4" / DN8
04947A $88.69

Emergency Release



1/2" (Galvanized)		Brass		Corrosion Resistant	
Model C-1		Model C-2		Model C-3	
01553C	$366.27	09387	$610.97	09734	$749.57

IPG V226

Accessories for TrimPac® *(IPG V234)*

Air Line Trim

(not for use with Deluge TrimPac System)

Tank Mounted	13770	$1,815.18
Tankless	13771	$639.99

Replacement Hose

PVC drain hose 12071 $144.57

Riser Mounting Kit

(when mounting TrimPac to riser)

Vertical	11900	$1,003.93
Horizontal	11901	$1,380.47

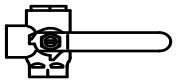
Accessories for Old Style Trim

Model A-2 Strainer Orifice Check Vlv

1/4" (DN8)
06579B $348.24

V226

Alarm Test/Alarm Shut-Off Valve



1/2" (DN15)
06174A $374.96

V226

Spring Loaded Check Valve

(with viton disc)

1/2" (DN15)
12WILC $100.00

SR140

Accessories for Pneumatic Release Systems

Pneumatic Actuator

1/2" (DN15)
Model H-1
06459B $613.27
Corrosion Resistant (Model R-1)
09733 $1,383.51

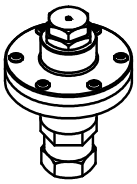
IPG V226

Accelerator (Model E-1)

Model E-1	List
08055	$1,516.50

IPG V226

Model D-2 - Air Pressure Maintenance Device



Size	Part #	List Price
¼" / DN8	02280C	$724.07

IPG V226

Model D-2 - Air Pressure Maintenance Device

Size	Part #	List Price
½" / DN15	07459	$1,272.39
DOMESTIC		
Size	**Part #**	**List Price**
½" / DN15	07459USA	$1,696.51

IPG V226

Dehydrator Package

Includes:
- Desiccant
- Mounting Brackets
- Nipples

	1/4" (DN8)	
	16854	$1,713.19
	Extra Desiccant*	
	16855	$387.89

**one unit fills dehydrator*

IPG V226

Replacement Restriction

Release Line Air Supply

Part #	List Price
02902B	$175.43

IPG V226

Accessories for Pneumatic and Hydraulic Systems

Thermostatic Release (Model C-1)

(Includes 155°F/68°C fixed temperature release)

- indoor and outdoor use

Standard	
01432C	$1,622.11
Nitrogen Tested	
05006A	$1,747.41

IPG V226

Thermostatic Release (Model C-2)

(Includes 155°F/68°C fixed temperature release)

- indoor and outdoor use
- corrosion resistant
- for use in salt water environments

Standard	
03991C-18	$1,930.26
Nitrogen Tested	
10367	$2,055.58

IPG V226

Fixed Temperature Release (Model M HP - VK800)

1/2" (15 mm) - RATED TO 250 PSI (1724 kPa) IPG V226

Brass	07848AB	$51.45
Chrome	07848FB	$55.16
White	07848MB/W	$56.22

Add the temperature suffix to the part number (155 deg shown):
(°F/°C) A=135°/57°, B=155°/68°, D=175°/79°, E=200°/93°, G=286°/141°

Replacement Fixed Temperature Release

155°F/68°C

Model C-1	
07848FB	$55.16
Model C-2	
07848CB	$65.77

IPG V226

Operation Indicator

Includes:
- indoor and outdoor use
- corrosion resistant

1/2" (DN15)	
02944A	$63.64

IPG V226

Adjustment Kit

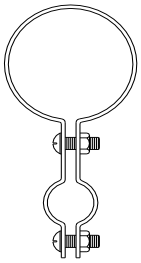
Includes:
- indoor and outdoor use
- corrosion resistant

Model C-1 and C-2
01714A $193.94

IPG V226

Release Line Hangers

IPG V226



(includes two screws/nuts)

1" / DN25	09574	$21.67
1¼" / DN32	09575	$21.67
1½" / DN40	09576	$21.67
2" / DN50	09577	$21.67
2½" / DN65	09578	$21.67
3" / DN80	09579	$21.67

3½" / DN90	09580	$21.67
4" / DN100	09581	$31.69
5" / DN125	09582	$31.69
6" / DN150	09583	$31.69
8" / DN200	09584	$31.69

Stainless steel available upon request at additional cost. Add suffix "SST" to base part number.

Accessories for Electric Release Systems

SOLENOID VALVES *(1/2" / DN15)* — *IPG V240*

Normally Closed *(rated to 250 psi (1724 kPa)*

		Part No.	List Price
Deluge & Preaction, SureFire			
NEMA 1,2,3,3S,4,4X	24 VDC	11601	$925.40
Explosion Proof			
NEMA 3,3S,4,4X,6,6P,7,9	24 VDC	11602	$1,546.58

Normally Closed *(rated to 300 psi (2068 kPa)*

Firecycle III, TotalPac & Special Application			
NEMA 2,3,3S,4,4X	24 VDC	11591	$1,181.54
NEMA 1,2,3,3S,4,4X	110 VAC/50 HZ	11593	$1,005.41
NEMA 1,2,3,3S,4,4X	120 VAC/60 HZ	11594	$1,367.25
Explosion Proof			
NEMA 3,3S,4,4X,6,6P,7,9	24 VDC	11592	$1,546.58
NEMA 3,3S,4,4X,6,6P,7,9	110 VAC/50 HZ	11594	$1,367.25
NEMA 3,3S,4,4X,6,6P,7,9	120 VAC/60 HZ	11594	$1,367.25
ATEX, EEx, mII, T4/T5	110 VAC/50 HZ	12359	$1,623.37
ATEX, EEx, mII, T4/T5	24 VDC	12360	$1,802.72

Normally Open *(rated to 300 psi (2068 kPa)*

Firecycle III			
NEMA 2,3,3S,4,4X	24 VDC	11595	$1,966.04
Surefire & TrimPac			
NEMA 2,3,3S,4,4X	24 VDC	13215	$1,966.04
Explosion Proof			
NEMA 3,3S,4,4X,6,6P,7,9	24 VDC	11596	$2,740.90
ATEX, EEx, mII, T4/T5	24 VDC	12358	$2,996.99

RELEASE CONTROL PANEL (VFR-400) — *IPG V241*

VFR-400 Release Control Panel

- Multi-hazard operation
- Features on board, menu driven programming
- Four Class B initiating circuits
- Two Class B supervisory circuits**
- Four Class B output circuits
- Programmable cross zoning
- 12 standard programs (program options for Viking preaction, deluge, Surefire® and Firecycle® systems)

Part No.	List Price
14152-1	$4,039.20

** see below for accessories and optional modules*

***Can be used for Supervisory, Tamper, Low Air or High Air*

Optional Modules / Accessories	Part No.	List Price
CA2Z Module (class A initiating device circuit):	14155	$241.14
CAM2 Module (class A indicating appliance circuit):	14156	$277.32
ARM-1/ARM-2 Module (auxiliary relay module):	14157	$349.66
RA-4410-RC (remote annunciator):	14154	$1,266.00
MR-101/T SPDT Relay Module:	14159	$141.70
MR-201 DPDT Relay Module:	14160	$177.84
MR801/T SPDT Relay w/Led Indicator:	14161	$75.36
ELOD Resistor/Diode:	14162	$36.17
ELOR Resistor:	14163	$3.03

Batteries *(two required per panel)*

	Part No.	List Price
8 Amp	07920	$219.97
12 Amp	07921	P.O.A.
18 Amp	09867	P.O.A.

Battery Cabinet *(for 18 amp hr battery)*

Part No.	List Price
09866	$763.36

Alarm Devices

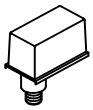
Alarm Pressure Switch - SR020

Adjustable Range (4-20 psi)

1/2" / DN50

Single SPDT	PS101A	$221.55
Dual SPDT	PS102A	$266.52

** Manufactured by Potter*



Explosion Proof

Dual SPDT	PS10-EX	$1,388.36
Dual SPDT	PS40EX	$1,389.36

** Cenelec approved*

Pressure Adj Access Key

10600	$27.18

Cover Removal Key

10601	$27.18

** Appropriate hex keys included with switches.*

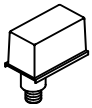
Pressure Supervisory Switch (Air, Nitrogen, Water) - *IPG SR020*

Adjustable Range (10-175 psi)

1/2" / DN50

Single SPDT	PS401A	$221.55
Dual SPDT	PS402A	$266.52

** Manufactured by Potter*



Cover Tamper Switch Kit

09601	$139.00

Explosion Proof

Dual SPDT	10379	$1,790.78

** Cenelec approved*

Pressure Adj Access Key

10600	$27.18

Cover Removal Key

10601	$27.18

** Appropriate hex keys included with switches.*

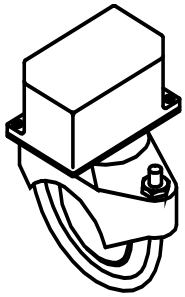
Flow Switch - *SR010*

Waterflow Indicators

(adjustable retard up to 120 sec. - 2 SPDT contacts)

Model VSR

1-2" / DN40	VSRF0100	$318.01
2" / DN50	VSRF0200	$343.06
2½" / DN65	VSRF0250	$343.06
3" / DN80	VSRF0300	$343.06
3½" / DN90	VSRF0350	$343.06
4" / DN100	VSRF0400	$343.06
5" / DN125	VSRF0500	$343.06
6" / DN150	VSRF0600	$343.06
8" / DN200	VSRF0800	$383.75



Water Motor Alarm and Accessories - *IPG V226*

Water Motor Alarm

Model F-2

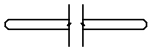
07862	$617.69

Closure Plate

05820B	$126.07

Adjustable Shaft

(wall thickness up to 30-1/4 in / 768 mm)



03312B	$120.96

Alarm Line Y Strainer

3/4 " (DN20)

01489A	$183.93

Extension Cup

05957B	$100.86

Special Valves and Trim

Halar® Coated Deluge / Preaction Valves (Model E-2/F-2)

Straight-Through (Model F-2)

IPG V233	1-1/2"	2"	2-1/2"	3"	4"	6"	8"
Thread X Thread	N/A	N/A	12402Q/B $6,245.90	N/A	N/A	N/A	N/A
Flange X Flange	N/A	N/A	N/A	12015Q/B $6,245.90	11960Q/B $8,356.49	11962Q/B $11,182.24	11992Q/B $23,409.31
Flange X Groove	N/A	N/A	N/A	12019Q/B $6,245.90	11959Q/B $8,356.49	11961Q/B $11,182.24	N/A
Groove X Groove	12127Q/B $4,627.55	12058Q/B $4,640.14	12404Q/B $6,245.90	12023Q/B $6,245.90	11514Q/B $8,356.49	11525Q/B $11,182.24	11118Q/B $22,278.43

Angle Style (Model E-2)

IPG V233	1-1/2"	2"	2-1/2"	3"	4"	6"	8"
Flange X Flange	N/A	N/A	N/A	08362Q/B $6,540.53	08363Q/B $8,507.61	08364Q/B $11,384.43	N/A
Flange X Groove	N/A	N/A	N/A	11064Q/B $6,540.53	11065Q/B $8,750.68	11001Q/B $11,709.72	N/A

HORIZONTAL TRIM - Conventional Deluge / Preaction Trim

Galvanized *(use with straight through valves)*

IPG V236	1-1/2"	2"	2-1/2"	3"	4"	6"	8"
Loose Trim *(incl. accessory pkg-09316)*	14635-1 $3,255.50	14635-1 $3,255.50	14637-1 $3,185.93	14637-1 $3,185.93	14638-1 $3,333.75	14640-1 $3,341.57	14643-1 $4,840.40
Modular Trim *(incl. accessory pkg-09316)*	14635-1P $3,549.43	14635-1P $3,549.43	14637-1P $3,479.83	14637-1P $3,479.83	14638-1P $3,629.05	14640-1P $3,636.84	14643-1P $5,135.68

BRASS TRIMS - Conventional Deluge / Preaction Trim

Angle Style Valves

IPG V237	1-1/2"	2"	2-1/2"	3"	4"	6"	8"
Loose Trim *(incl. accessory pkg-09316)*	14629-2 $5,643.84	14630-2 $5,234.22	N/A	14631-2 $5,360.24	14632-2 $5,727.49	14633-2 $5,793.58	N/A
Modular Trim *(incl. accessory pkg-09316)*	14629-2P P.O.A.	14630-2P $5,536.55	N/A	14631-2P P.O.A.	14632-2P $6,029.81	14633-2P $6,095.98	N/A

Straight Through Valves - VERTICAL

IPG V237	1-1/2"	2"	2-1/2"	3"	4"	6"	8"
Loose Trim *(incl. accessory pkg-09316)*	14634-2 $5,389.64	14634-2 $5,389.64	14636-2 $5,118.79	14636-2 $5,118.79	14639-2 $5,469.48	14641-2 $5,532.61	14642-2 $6,893.71
Modular Trim *(incl. accessory pkg-09316)*	14634-2P $5,692.03	14634-2P $5,692.03	14636-2P $5,421.18	14636-2P $5,421.18	14639-2P $5,771.87	14641-2P $5,834.99	14642-2P P.O.A.

Straight Through Valves - HORIZONTAL

IPG V237	1-1/2"	2"	2-1/2"	3"	4"	6"	8"
Loose Trim *(incl. accessory pkg-09316)*	14635-2 $5,389.64	14635-2 $5,389.64	14637-2 $5,118.79	14637-2 $5,118.79	14638-2 $5,469.48	14640-2 $5,532.61	14643-2 $6,893.71
Modular Trim *(incl. accessory pkg-09316)*	14635-2P $5,692.03	14635-2P $5,692.03	14637-2P P.O.A.	14637-2P P.O.A.	14638-2P P.O.A.	14640-2P $5,834.99	14643-2P P.O.A.

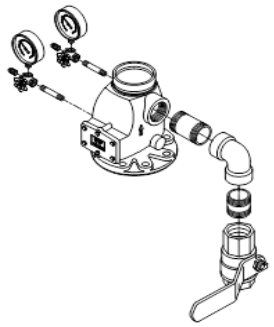
Special Valves and Trim

DOMESTIC TRIM [1] - Model F - Galvanized

Straight Through Valves - VERTICAL

V236	1-1/2"	2"	2-1/2"	3"	4"	6"	8"
Loose Trim	14634-1USA	14634-1USA	14636-1USA	14636-1USA	14639-1USA	14641-1USA	14642-1USA
	$4,340.67	$4,340.67	$4,247.91	$4,247.91	$4,445.02	$4,455.42	$6,453.88

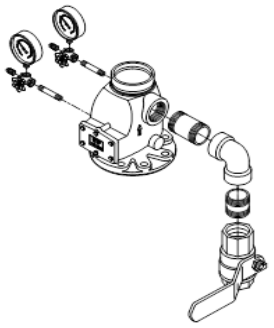
DOMESTIC TRIM - Easy Riser® System



** 2-1/2 - 6 inch trim shown*

Size	Trim (loose)	
IPG	V222	
Model K-1/L-1		
1-1/2"	12960USA	$328.69
2"	12960USA	$328.69
Model E-1/F-1		
2-1/2"	13776USA	$823.44
3"	13776USA	$823.44
4"	13777USA	$633.80
6"	13777USA	$633.80
8"	13777USA	$633.80

BRASS TRIM - Easy Riser® System



** 2-1/2 - 6 inch trim shown*

Size	Trim (loose)		Trim (modular)	
IPG	V222		V222	
Model K-1/L-1 - In-Line Check Valve Trim				
1-1/2"	12960-1	$389.02	12960-1P	P.O.A.
2"	12960-1	$389.02	12960-1P	P.O.A.
Model E-1/F-1 - Easy Riser Valve Trim				
2-1/2"	07236-1	$974.44	07236-1P	P.O.A.
3"	07236-1	$974.44	07236-1P	P.O.A.
4"	07237-1	$1,030.06	07237-1P	P.O.A.
6"	07237-1	$1,030.06	07237-1P	P.O.A.
8"	07237-1	$1,030.06	07237-1P	P.O.A.

BRASS - SureFire® TrimPac®

Single Interlocked	
V234	
13798D-1B	$9,693.40

Double Interlocked	
V234	
13799D-2B	$9,958.20

BRASS - Releasing Trims

	Pneumatic	Electric Pneumatic	Electric	Pneumatic Pneumatic	*DOMESTIC [1]* Electric
IPG	*V239*	*V239*	*V239*	*V239*	*V239*
Loose Trim *(releasing device not incl.)*	10811 $259.37	12661-2 $216.51	10832 $291.85	12662-2 $1,381.42	10832USA $389.13
Modular Trim *(releasing device not incl.)*	10811-P P.O.A.	12661-2P P.O.A.	10832-P P.O.A.	12662-2P P.O.A.	10832USA-P P.O.A.

(1) Meets sourcing requirements of the Buy American Act, American Reinvestment and Recovery Act, and the Buy American Law. Contact customer service for availability.

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Web: www.vikinggroupinc.com

Notes

Section P
Flow Control and Pressure Regulation

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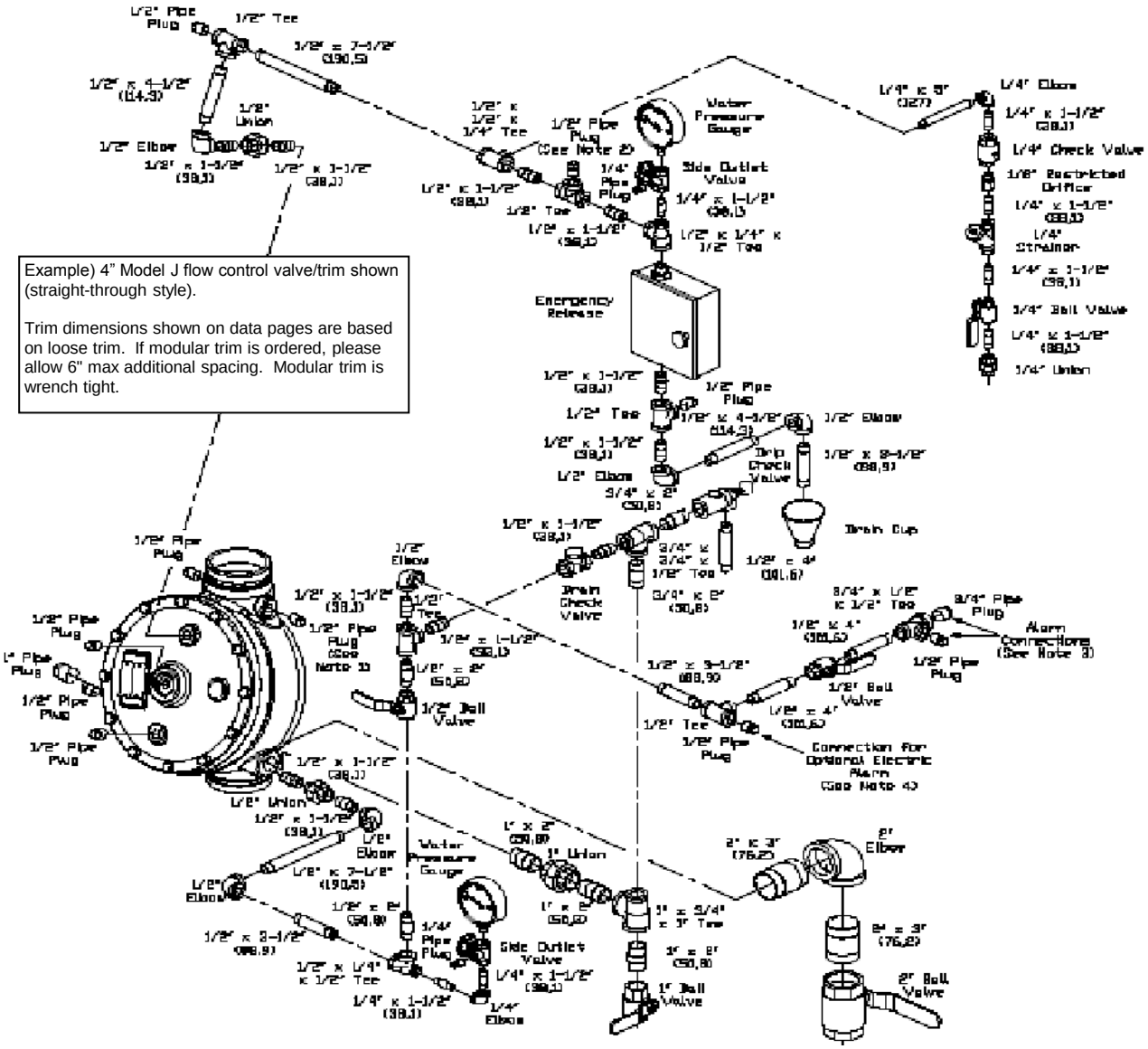
Notes

1. Refer to Viking technical data pages for complete product specifications. You may print or download technical data by visiting www.vikinggroupinc.com.
2. List prices effective January 12, 2019. Supersedes June 2018 list price book.
3. All sales by Viking are subject to the Terms & Conditions found on the last page of this book.

Flow Control System



Model J Flow Control Valve* - STRAIGHT THROUGH

IPG 244	1-1/2"	2"	2-1/2"	3"	4"	6"	8"
Thread X Thread	12130 $3,753.92	12063 $3,874.45	12405 $4,911.91	N/A	N/A	N/A	N/A
Flange X Flange	N/A	N/A	N/A	12016 $4,911.91	11968 $6,189.48	11970 $8,264.37	11993 $17,804.96
Flange X Groove	N/A	N/A	N/A	12020 $4,911.91	11967 $6,189.48	11969 $8,264.37	N/A
Groove X Groove	12129 $3,753.92	12061 $3,874.45	12407 $4,911.91	12024 $4,911.91	11516 $6,189.48	11527 $8,264.37	11019 $15,607.54

Model H Flow Control Valve* - ANGLE STYLE

IPG 244	1-1/2"	2"	3"	4"	6"
Thread X Thread	09894 $1,773.72	05856C $4,057.21	N/A	N/A	N/A
Flange X Flange	N/A	N/A	05914C $5,143.61	05911C $6,481.42	05908C $8,654.19
Flange X Groove	N/A	N/A	05837C $5,143.61	05841C $6,481.42	05458C $8,654.19

See page P-7-8 for additional valve and trim options, including Halar® coated valves, horizontal trim, and brass trim packages.

** Valve is not included in trim packages. Please order separately. See following page for trim packages and equipment.*

Flow Control System

TrimPac® *V234*	**1-1/2"**	**2"**	**2-1/2"**	**3"**	**4"**	**6"**	**8"**
Angle/Straight-Through	12252C-1	12252C-1	12252C-1	12252C-1	12252C-1	12252C-1	12252C-1
(includes release / trim)	$4,656.16	$4,656.16	$4,656.16	$4,656.16	$4,656.16	$4,656.16	$4,656.16

TrimPac includes conventional trim, releasing device (solenoid valve), releasing trim, and flexible hose kit.
Drain package for TrimPac must be ordered separately (see below).

Drain Package *(IPG V257)*

Use with TrimPac®	11894-1	11894-2	11894-3	11894-3	11894-4	11894-4	11894-4
(order separately)	$507.75	$410.70	$465.42	$465.42	$597.35	$597.35	$597.35

	1-1/2"	**2"**	**2-1/2"**	**3"**	**4"**	**6"**	**8"**
Vertical Trim (Straight Through) - Galvanized *(IPG V245)*							
Loose Trim	12418-1	12418-1	12306-1	12306-1	11719-1	11720-1	14708-1
(incl. accessory pkg-09316)	$2,711.66	$2,711.66	$2,556.25	$2,556.25	$2,712.87	$2,712.87	$3,215.57
Modular Trim	12418-1P	12418-1P	12306-1P	12306-1P	11719-1P	11720-1P	14708-1P
(incl. accessory pkg-09316)	$3,011.23	$3,011.23	$2,855.82	$2,855.82	$3,012.41	$3,012.41	$3,516.51
Vertical Trim (Angle Style) - Galvanized *(IPG V245*							
Loose Trim	14702-1	14703-1	**N/A**	14704-1	14705-1	14706-1	**N/A**
(incl. accessory pkg-09316)	$2,839.57	$2,617.06		$2,676.84	$2,840.82	$2,840.82	
Modular Trim	14702-1P	14703-1P	**N/A**	14704-1P	14705-1P	14706-1P	**N/A**
(incl. accessory pkg-09316)	$3,148.89	$2,847.28		$2,986.17	$3,150.15	$3,150.15	

	1-1/2"	**2"**	**2-1/2"**	**3"**	**4"**	**6"**	**8"**
Releasing Devices *(IPG V240)*							
Solenoid Valve	11601	11601	11601	11601	11601	11601	11601
	$925.40	$925.40	$925.40	$925.40	$925.40	$925.40	$925.40
Releasing Trim - Galvanized *(IPG V238)*							
Loose Trim	10830	10830	10830	10830	10830	10830	10830
(releasing device not incl.)	$99.20	$99.20	$99.20	$99.20	$99.20	$99.20	$99.20
Modular Trim	10830P	10830P	10830P	10830P	10830P	10830P	10830P
(releasing device not incl.)	$428.22	$428.22	$428.22	$428.22	$428.22	$428.22	$428.22
Loose Trim - DOMESTIC	10830USA	10830USA	10830USA	10830USA	10830USA	10830USA	10830USA
(releasing device not incl.)	$132.25	$132.25	$132.25	$132.25	$132.25	$132.25	$132.25

Trim packages include flow control accessory package listed below (p/n 10685) - see package detail below

See page P-7/8 for additional valve and trim options, including Halar® coated valves, horizontal trim, and brass trim packages.

Flow Control Valve Accessory Package
(INCLUDED WITH TRIM)

(all sizes)	10685	$2,194.85
corrosion resistant	09743	$3,061.22

Includes:
- 1/8" Restricted Orifice
- Emergency Release
- Drip Check
- 1/4" / 8mm Check Valve
- 1/4" / 8mm Strainer
- Drain Cup
- 1/2" Ball Valve
- Drain Check

IPG V226

TrimPac® - Air Line Trim
(not for use with Deluge TrimPac System)

Tank Mounted	13770	$1,815.18
Tankless	13771	$639.99

IPG V234

TrimPac® - Replacement Hose

PVC drain hose	12071	$144.57

IPG V234

TrimPac® - Riser Mounting Kit
(use when mounting TrimPac unit to riser)

Vertical	11900	$1,003.93
Horizontal	11901	$1,380.47

IPG V234

Pressure Regulation

Viking's pressure regulation trim packages include both conventional trim (deluge or flow control) and pilot regulator trim, as well as the speed control needle valve and pilot pressure regulating valve. Pilot regulator trim is no longer available separately. To order a complete pressure regulation system, first order a deluge or flow control valve, then the appropriate pressure regulation trim listed below, and finally your desired releasing device and trim.

Pressure Regulating Trim for DELUGE/PREACTION SYSTEMS *(includes conventional trim)*

	1-1/2"	2"	2-1/2"	3"	4"	6"	8"
For Straight Through Valves - Vertical/Galvanized Trim (IPG V250)							
Loose Trim	14746-1 $5,958.43	14746-1 $5,958.43	14747-1 $6,020.04	14747-1 $6,020.04	14748-1 $6,296.78	14749-1 $6,286.46	14713-1 $6,295.35
Modular Trim	14746-1P $6,312.45	14746-1P $6,312.45	14747-1P $6,374.67	14747-1P $6,374.67	14748-1P $6,654.06	14749-1P $6,771.40	14713-1P $6,780.55
For Angle Style Valves - Vertical/Galvanized Trim (IPG V236)							
Loose Trim	N/A	14715-1 $6,091.15	N/A	14716-1 $6,111.04	14717-1 $6,323.28	14718-1 $6,517.88	N/A
Modular Trim	N/A	14715-1P P.O.A.	N/A	14716-1P P.O.A.	14717-1P $6,990.04	14718-1P $7,009.53	N/A

Pressure Regulating Trim for FLOW CONTROL SYSTEMS *(includes conventional trim)*

	1-1/2"	2"	2-1/2"	3"	4"	6"	8"
For Straight Through Valves - Vertical/Galvanized Trim (IPG V238)							
Loose Trim	14768-1 $6,131.41	14768-1 $6,131.41	14769-1 $6,194.81	14769-1 $6,194.81	14770-1 $6,479.56	14771-1 $6,468.96	14772-1 $6,478.12
Modular Trim	14768-1P $6,433.86	14768-1P $6,433.86	14769-1P $6,497.27	14769-1P $6,497.27	14770-1P $6,782.01	14771-1P $6,771.40	14772-1P $6,780.55
For Angle Style Valves - Vertical/Galvanized Trim (IPG V238)							
Loose Trim	N/A	14764-1 $6,442.09	N/A	14765-1 $6,463.12	14766-1 $6,659.56	14767-1 $6,707.09	N/A
Modular Trim	N/A	14764-1P P.O.A.	N/A	14765-1P $6,771.27	14766-1P $6,967.70	14767-1P P.O.A.	N/A

	1-1/2"	2"	2-1/2"	3"	4"	6"	8"
Releasing Devices *(IPG V240)*							
Solenoid Valve	11601 $925.40	11601 $925.40	11601 $925.40	11601 $925.40	11601 $925.40	11601 $925.40	11601 $925.40
Releasing Trim - Galvanized *(IPG V238)*							
Loose Trim *(releasing device not incl.)*	10830 $99.20	10830 $99.20	10830 $99.20	10830 $99.20	10830 $99.20	10830 $99.20	10830 $99.20
Modular Trim *(releasing device not incl.)*	10830P $428.22	10830P $428.22	10830P $428.22	10830P $428.22	10830P $428.22	10830P $428.22	10830P $428.22

Speed Control Assembly IPG V244
use with conventional trim

Galvanized	08780	$1,569.95
Stainless Steel	11192	$9,238.40
Brass	11181	$1,849.77

Pilot Pressure Regulating Valve (C-2)

10799 $1,203.62
IPG V244

Speed Control Valve
08313 $397.14
IPG V249

Y Strainer
1/2" / 15mm 01054A $122.00
IPG V226

See page P-7/8 for additional valve and trim options, including Halar® coated valves, horizontal trim, and brass trim packages.

Alarm Devices

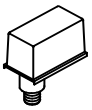
Alarm Pressure Switch - SR020

Adjustable Range (4-20 psi)

1/2" / DN50

Single SPDT	PS101A	$221.55
Dual SPDT	PS102A	$266.52

** Manufactured by Potter*



Explosion Proof

Dual SPDT	PS10-EX	$1,388.36
Dual SPDT	PS40EX	$1,389.36

** Cenelec approved*

Pressure Adj Access Key

10600	$27.18

Cover Removal Key

10601	$27.18

** Appropriate hex keys included with switches.*

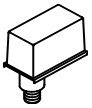
Pressure Supervisory Switch (Air, Nitrogen, Water) - *IPG SR020*

Adjustable Range (10-175 psi)

1/2" / DN50

Single SPDT	PS401A	$221.55
Dual SPDT	PS402A	$266.52

** Manufactured by Potter*



Cover Tamper Switch Kit

09601	$139.00

Explosion Proof

Dual SPDT	10379	$1,790.78

** Cenelec approved*

Pressure Adj Access Key

10600	$27.18

Cover Removal Key

10601	$27.18

** Appropriate hex keys included with switches.*

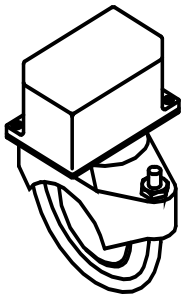
Flow Switch - *SR010*

Waterflow Indicators

(adjustable retard up to 120 sec. - 2 SPDT contacts)

Model VSR

1-2" / DN40	VSRF0100	$318.01
2" / DN50	VSRF0200	$343.06
2½" / DN65	VSRF0250	$343.06
3" / DN80	VSRF0300	$343.06
3½" / DN90	VSRF0350	$343.06
4" / DN100	VSRF0400	$343.06
5" / DN125	VSRF0500	$343.06
6" / DN150	VSRF0600	$343.06
8" / DN200	VSRF0800	$383.75



Water Motor Alarm and Accessories - *IPG V226*

Water Motor Alarm

Model F-2

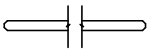
07862	$617.69

Closure Plate

05820B	$126.07

Adjustable Shaft

(wall thickness up to 30-1/4 in / 768 mm)



03312B	$120.96

Alarm Line Y Strainer

3/4 " (DN20)

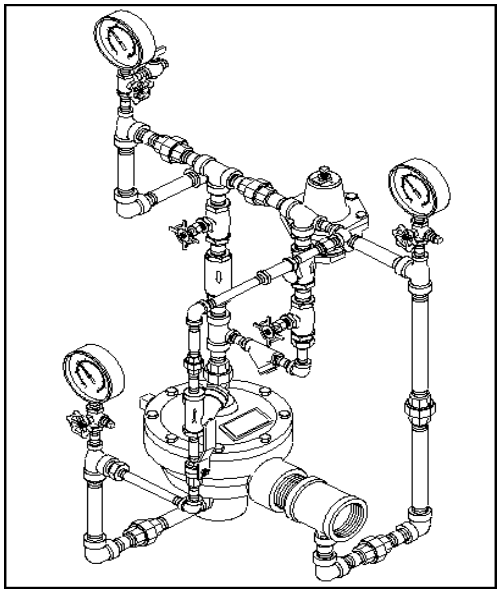
01489A	$183.93

Extension Cup

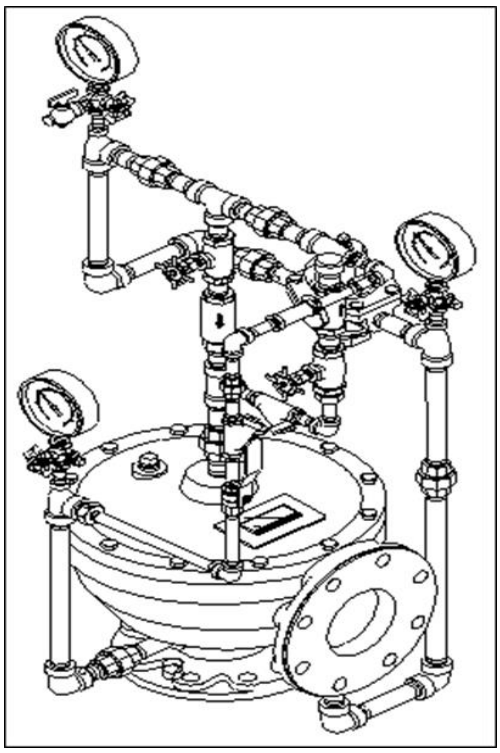
05957B	$100.86

Pilot Operated Pressure Control Valves

Threaded



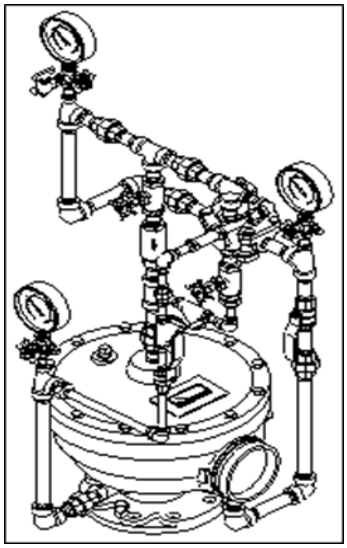
Flange/Flange



DESCRIPTION		NOMINAL SIZE	PART NUMBER	LIST PRICE (each)
PILOT OPERATED PRESSURE CONTROL VALVES Includes Trim		Use with Angle Style Valve		
		Model A-2 Galvanized Model A-3 Brass Model A-4 Stainless Steel		
Threaded		**Model A-2**		
		2" / DN50	10793	$11,462
Flange/Flange		**Model A-2**		
		4" / DN100	10795	$11,462
		6" / DN150	10807	$13,522
	PN10/16	DN100	10795FFPN1016	$11,462
	PN10/16	DN150	10807FFPN1016	$13,522
		Model A-3		
		4" / DN100	10803	$22,920
		6" / DN150	11476	$27,469
	PN10/16	DN100	10803FFPN1016	$22,920
	PN10/16	DN150	11476FFPN1016	$27,469
Flange/Groove		**Model A-2**		
		4" / DN100	10794	$11,462
		6" / DN150	10806	$13,522
		Model A-3		
		4" / DN100	10802	$22,720
IPG V244		6" / DN150	11475	$27,262

[1] ***Not UL Listed. Use for Deluge Applications Only.***

Flange/Groove

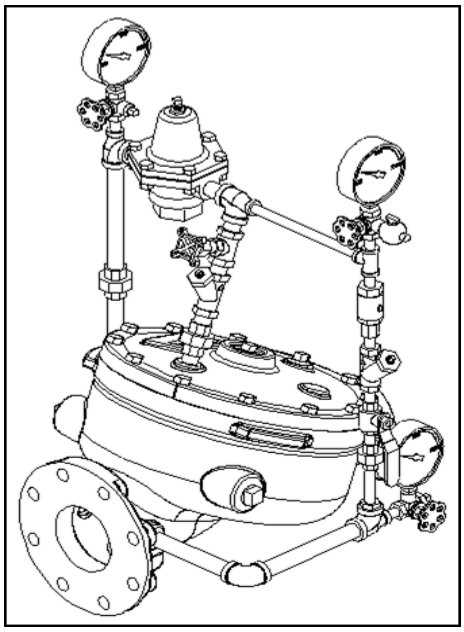


Pilot Operated Pressure Control Valves

DESCRIPTION	Nominal Size	Part No.	List Price
Pilot Operated Pressure Control Valves	Use with Straight Through Valves		
Includes trim UL Listed/FM Approved			
Model B-1			
Vertical	Galvanized		
Threaded			
	2" / DN50	12793	$5,346
Flange/Flange			
	4" / DN100	12802	$12,086
	6" / DN150	12805	$15,539
	8" / DN200	12807	$19,494
Flange/Groove			
	4" / DN100	12801	$12,061
	6" / DN150	12804	$15,385
Groove/Groove	1½" / DN40	12792	$5,279
	2" / DN50	12794	$5,346
	4" / DN100	12800	$7,761
IPG V238	6" / DN150	12803	$15,292
	8" / DN200	12806	$18,631
Horizontal	Galvanized		
Threaded	1½" / DN40	12774	$5,268
	2" / DN50	12776	$5,336
Flange/Flange			
	4" / DN100	12785	$7,004
	6" / DN150	12788	$15,542
	8" / DN200	12790	$19,498
Flange/Groove			
	4" / DN100	12784	$7,397
	6" / DN150	12787	$15,388
Groove/Groove	1½" / DN40	12775	$5,268
	2" / DN50	12777	$5,336
	4" / DN100	12783	$7,779
	6" / DN150	12786	$15,295
	8" / DN200	12789	$18,635
IPG V238			

DESCRIPTION	Nominal Size	Part No.	List Price
Pilot Operated Pressure Control Valves	Use with Straight Through Valves		
Halar® Coated (includes trim) UL Listed/FM Approved			
Model B-3			
Vertical	Brass		
Flange/Flange			
	4" / DN100	13540	$37,177
	6" / DN150	13543	$47,679
	8" / DN200	13545	$59,468
Flange/Groove			
	4" / DN100	13539	$37,102
	6" / DN150	13542	$47,216
Groove/Groove	1½" / DN40	13532	$15,874
	2" / DN50	13533	$16,077
	4" / DN100	13538	$38,254
	6" / DN150	13541	$46,934
	8" / DN200	13544	$56,866
IPG V239			
Horizontal	Brass		
Flange/Flange			
	4" / DN100	13526	$22,368
	6" / DN150	13529	$47,803
	8" / DN200	13531	$59,769
Flange/Groove			
	4" / DN100	13525	$22,293
	6" / DN150	13528	$47,340
Groove/Groove	1½" / DN40	13518	$15,906
	2" / DN50	13519	$16,110
	4" / DN100	13524	$23,445
	6" / DN150	13527	$47,058
	8" / DN200	13530	$57,167
IPG V239			

Model B-1 - Horizontal Flange/Flange



FLOW CONTROL - Special Valves and Trim

Halar® Coated Flow Control Valves (Model J-2 / Model H-2)

Straight-Through (Model J-2)

IPG V244	1-1/2"	2"	2-1/2"	3"	4"	6"	8"
Thread X Thread	N/A	N/A	12406Q/B $7,430.25	N/A	N/A	N/A	N/A
Flange X Flange	N/A	N/A	N/A	12017Q/B $7,430.25	11977Q/B $9,215.60	11979Q/B $12,274.11	11994Q/B $24,287.20
Flange X Groove	N/A	N/A	N/A	12021Q/B $7,430.25	11976Q/B $9,215.60	11978Q/B $12,274.11	N/A
Groove X Groove	12131Q/B $5,826.90	12062Q/B $5,842.69	12408Q/B $7,430.25	12025Q/B $7,430.25	11517Q/B $9,215.60	11528Q/B $12,274.11	11119Q/B $23,652.22

Angle Style (Model H-2)

IPG V244	1-1/2"	2"	2-1/2"	3"	4"	6"	8"
Thread X Thread	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Flange X Flange	N/A	N/A	N/A	08366Q/B $7,780.76	08367Q/B $9,650.32	08368Q/B $12,853.06	N/A
Flange X Groove	N/A	N/A	N/A	11207Q/B $7,780.76	11208Q/B $9,650.32	11209Q/B $12,853.06	N/A

HORIZONTAL TRIM - Flow Control

Galvanized *(use with straight through valves)*

IPG V245	1-1/2"	2"	2-1/2"	3"	4"	6"	8"
Loose Trim *(incl. accessory pkg-09316)*	12419-1 $2,711.66	12419-1 $2,711.66	12307-1 $2,556.25	12307-1 $2,556.25	11941-1 $2,712.87	11942-1 $2,712.87	14707-1 $3,215.57
Modular Trim *(incl. accessory pkg-09316)*	12419-1P $2,988.52	12419-1P $2,988.52	12307-1P P.O.A.	12307-1P P.O.A.	11941-1P $3,012.41	11942-1P $3,012.41	14707-1P $3,516.51

BRASS TRIMS - Flow Control

Angle Style Valves

IPG V246	1-1/2"	2"	2-1/2"	3"	4"	6"	8"
Loose Trim *(incl. accessory pkg-09316)*	14702-2 $4,436.23	14703-2 $4,134.25	N/A	14704-2 $4,246.31	14705-2 $4,647.16	14706-2 $4,697.68	N/A
Modular Trim *(incl. accessory pkg-09316)*	14702-2P P.O.A.	14703-2P P.O.A.	N/A	14704-2P P.O.A.	14705-2P P.O.A.	14706-2P P.O.A.	N/A

Straight Through Valves - VERTICAL

IPG V246	1-1/2"	2"	2-1/2"	3"	4"	6"	8"
Loose Trim *(incl. accessory pkg-09316)*	12418-2 $4,236.40	12418-2 $4,236.40	12306-2 $4,055.06	12306-2 $4,055.06	11719-2 $4,437.82	11720-2 $4,486.09	14708-2 $5,442.88
Modular Trim *(incl. accessory pkg-09316)*	12418-2P $4,544.62	12418-2P $4,544.62	12306-2P $4,363.25	12306-2P $4,363.25	11719-2P $4,746.02	11720-2P $4,794.29	14708-2P $5,751.07

Straight Through Valves - HORIZONTAL

IPG V246	1-1/2"	2"	2-1/2"	3"	4"	6"	8"
Loose Trim *(incl. accessory pkg-09316)*	12419-2 $4,236.40	12419-2 $4,236.40	12307-2 $4,055.06	12307-2 $4,055.06	11941-2 $4,437.82	11942-2 $4,486.09	14707-2 $5,442.88
Modular Trim *(incl. accessory pkg-09316)*	12419-2P P.O.A.	12419-2P P.O.A.	12307-2P P.O.A.	12307-2P P.O.A.	11941-2P $4,746.02	11942-2P $4,794.29	14707-2P $5,751.07

Special Valves and Trim

BRASS - Releasing Trims

IPG V239	Pneumatic	Electric Pneumatic	Electric	Pneumatic Pneumatic		*DOMESTIC[1]* Electric
Loose Trim	10811	12661-2	10832	12662-2		10832USA
(releasing device not incl.)	$259.37	$216.51	$291.85	$1,381.42		$389.13
Modular Trim	10811P	126612P	10832P	126622P		10832USA-P
(releasing device not incl.)	$567.51	P.O.A.	P.O.A.	P.O.A.		P.O.A.

(1) Meets sourcing requirements of the Buy American Act, American Reinvestment and Recovery Act, and the Buy American Law. Contact customer service for availability

PRESSURE REGULATION - Special Trims

Viking's new pressure regulation trim packages include both conventional trim (deluge or flow control) and pilot regulator trim, as well as the speed control needle valve and pilot pressure regulating valve. Pilot regulator trim is no longer available separately. To order a complete pressure regulation system, first order a deluge or flow control valve, then the appropriate pressure regulation trim listed below, and finally your desired releasing device and trim.

HORIZONTAL TRIM - Pressure Regulating Trim for DELUGE/PREACTION SYSTEMS (includes conventional trim)

	1-1/2"	2"	2-1/2"	3"	4"	6"	8"
For Straight Through Valves - Horizontal/Galvanized Trim (IPG V36)							
Loose Trim	14750-1 $5,945.07	14750-1 $5,945.07	14751-1 $6,016.11	14751-1 $6,016.11	14752-1 $6,248.53	14753-1 $6,200.48	14714-1 $6,278.71
Modular Trim	14750-1P P.O.A.	14750-1P P.O.A.	14751-1P P.O.A.	14751-1P P.O.A.	14752-1P $6,542.45	14753-1P $6,494.39	14714-1P P.O.A.

BRASS TRIMS - Pressure Regulating Trim for DELUGE/PREACTION SYSTEMS (includes conventional trim)

	1-1/2"	2"	2-1/2"	3"	4"	6"	8"
For Straight Through Valves - Vertical/Brass Trim (IPG V237)							
Loose Trim	14746-2 $7,278.19	14746-2 $7,278.19	14747-2 $7,495.97	14747-2 $7,495.97	14748-2 $8,035.26	14749-2 $7,995.19	14713-2 $7,994.53
Modular Trim	14746-2P $7,580.58	14746-2P $7,580.58	14747-2P $7,798.37	14747-2P $7,798.37	14748-2P $8,337.64	14749-2P P.O.A.	14713-2P P.O.A.
For Angle Style Valves - Vertical/Brass Trim (IPG V237)							
Loose Trim	N/A	14715-2 $7,745.03	N/A	14716-2 $7,718.18	14717-2 $8,199.74	14718-2 $8,303.51	N/A
Modular Trim	N/A	14715-2P P.O.A.	N/A	14716-2P $7,811.97	14717-2P P.O.A.	14718-2P P.O.A.	N/A

BRASS TRIMS - Pressure Regulating Trim for FLOW CONTROL SYSTEMS (includes conventional trim)

	1-1/2"	2"	2-1/2"	3"	4"	6"	8"
For Straight Through Valves - Vertical/Brass Trim (IPG V239)							
Loose Trim	14768-2 $7,418.16	14768-2 $7,418.16	14769-2 $7,640.13	14769-2 $7,640.13	14770-2 $8,189.78	14771-2 $8,148.93	14772-2 $8,148.27
Modular Trim	14768-2P $7,726.37	14768-2P $7,726.37	14769-2P $7,916.98	14769-2P $7,916.98	14770-2P $8,497.97	14771-2P $8,299.07	14772-2P P.O.A.
For Angle Style Valves - Vertical/Brass Trim (IPG V239)							
Loose Trim	N/A	14764-2 $7,893.96	N/A	14765-2 $7,866.62	14766-2 $8,357.43	14767-2 $8,463.21	N/A
Modular Trim	N/A	14764-2P P.O.A.	N/A	14765-2P P.O.A.	14766-2P P.O.A.	14767-2P P.O.A.	N/A

DOMESTIC[1] BRASS TRIMS - Pressure Regulating Trim for FLOW CONTROL SYSTEMS (includes conventional trim)

	1-1/2"	2"	2-1/2"	3"	4"	6"	8"
For Straight Through Valves - Vertical/Brass Trim (IPG V239)							
Loose Trim	N/A	N/A	N/A	N/A	14770-2USA $10,919.71	14771-2USA $10,865.24	14772-2USA $10,864.36

(1) Meets sourcing requirements of the Buy American Act, American Reinvestment and Recovery Act, and the Buy American Law. Contact customer service for availability.

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Notes

1. Refer to Viking technical data pages for complete product specifications. You may print or download technical data by visiting www.vikinggroupinc.com.
2. List prices effective January 12, 2019. Supersedes June 2018 list price book.
3. All sales by Viking are subject to the Terms & Conditions found on the last page of this book.

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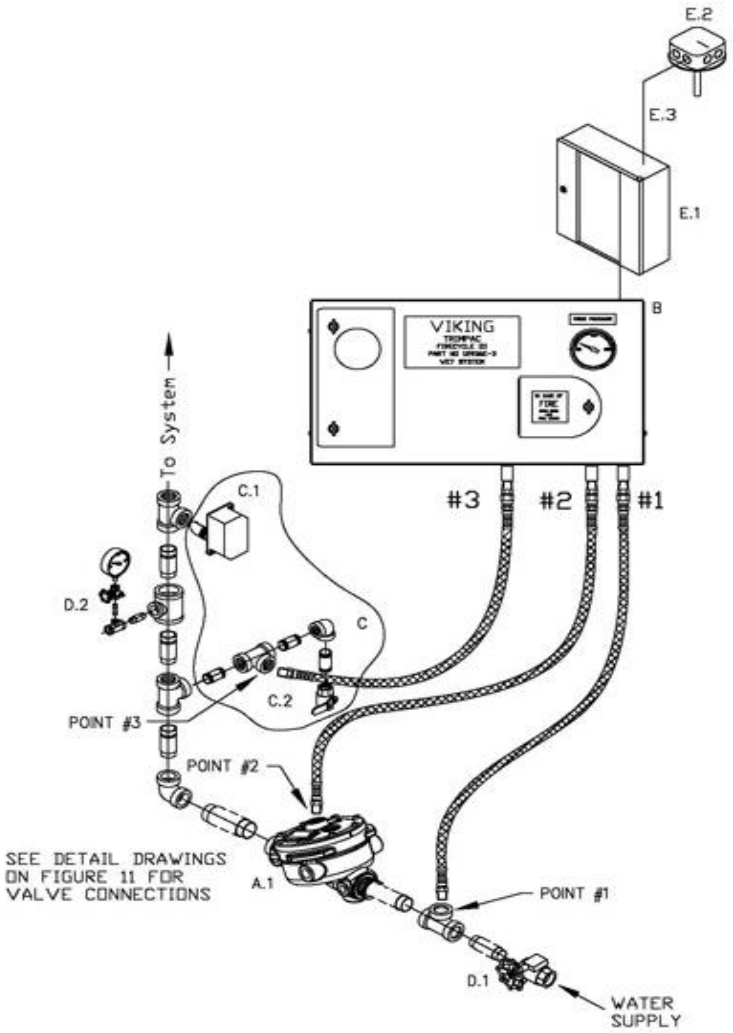
Firecycle® System - WET



	Description
A.1	Model J flow control valve
B	TrimPac® (includes following items)
	Firecycle® cycling wet trim (conventional)
	Release trim
	Flexible hose kit
C	TrimPac® drain package (order separately)
	C.1 Water flow and alarm switch
	C.2 System main drain valve
D	Riser
	D.1 Water supply control valve
	D.2 System water supply gauge & valve
E	Release system
	E.1 Release control panel (order separately)
	E.2 Firecycle detector
	E.3 Firecycle cable

TrimPac can be used with either straight through or angle style valves (straight through shown)

Model J Flow Control Valve* - STRAIGHT THROUGH

IPG 244	1-1/2"	2"	2-1/2"	3"	4"	6"	8"
Thread X Thread	12130 $3,753.92	12063 $3,874.45	12405 $4,911.91	N/A	N/A	N/A	N/A
Flange X Flange	N/A	N/A	N/A	12016 $4,911.91	11968 $6,189.48	11970 $8,264.37	11993 $17,804.96
Flange X Groove	N/A	N/A	N/A	12020 $4,911.91	11967 $6,189.48	11969 $8,264.37	N/A
Groove X Groove	12129 $3,753.92	12061 $3,874.45	12407 $4,911.91	12024 $4,911.91	11516 $6,189.48	11527 $8,264.37	11019 $15,607.54

Model H Flow Control Valve* - ANGLE STYLE

IPG 244	1-1/2"	2"	3"	4"	6"
Thread X Thread	09894 $1,773.72	05856C $4,057.21	N/A	N/A	N/A
Flange X Flange	N/A	N/A	05914C $5,143.61	05911C $6,481.42	05908C $8,654.19
Flange X Groove	N/A	N/A	05837C $5,143.61	05841C $6,481.42	05458C $8,654.19

See page P-7 for Halar® coated valves

** Valve is not included in trim packages. Please order separately. See following page for trim packages and equipment.*

Firecycle® System - WET

Viking's Firecycle® systems are available in TrimPac arrangement only. Loose or modular trim not offered.

TrimPac® *(IPG V234)*

GALVANIZED Trim	**1-1/2"**	**2"**	**2-1/2"**	**3"**	**4"**	**6"**	**8"**
Cycling Wet System	12936E-3	12936E-3	12936E-3	12936E-3	12936E-3	12936E-3	12936E-3
	$6,833.99	$6,833.99	$6,833.99	$6,833.99	$6,833.99	$6,833.99	$6,833.99
BRASS Trim	**1-1/2"**	**2"**	**2-1/2"**	**3"**	**4"**	**6"**	**8"**
Cycling Wet System	12936E-3B	12936E-3B	12936E-3B	12936E-3B	12936E-3B	12936E-3B	12936E-3B
	$9,601.67	$9,601.67	$9,601.67	$9,601.67	$9,601.67	$9,601.67	$9,601.67

TrimPac includes conventional trim, (1) NO solenoid valve, (1) NC solenoid valve , releasing trim, and flexible hose kit.
Drain package for TrimPac must be ordered separately (see below).

Drain Package

IPG V257	**1-1/2"**	**2"**	**2-1/2"**	**3"**	**4"**	**6"**	**8"**
Use with TrimPac®	11894-1	11894-2	11894-3	11894-3	11894-4	11894-4	11894-4
(order separately)	$507.75	$410.70	$465.42	$465.42	$597.35	$597.35	$597.35

Accessories for TrimPac® *(IPG V234)*

Air Line Trim
(not for use with Deluge TrimPac System)

Tank Mounted	13770	$1,815.18
Tankless	13771	$639.99

Replacement Hose

PVC drain hose	12071	$144.57

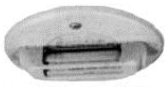
Riser Mounting Kit
(when mounting TrimPac to riser)

Vertical	11900	$1,003.93
Horizontal	11901	$1,380.47

Firecycle® Detectors*

Firecycle III-OH Detectors *IPG V248*

Flush Mount



11723	140°F / 60°C	$652.51
11724	160°F / 71°C	$652.51
11725	190°F / 88°C	$652.51
11726	225°F / 107°C	$652.51

Surface Mount

11727	140°F / 60°C	$652.51
11728	160°F / 71°C	$652.51
11729	190°F / 88°C	$652.51
11730	225°F / 107°C	$652.51

Firecycle II and III Detectors *IPG V248*

Use with cable in conduit

08288	140°F / 60°C	$1,615.20
08289	160°F / 71°C	$1,615.20
08290	190°F / 88°C	$1,615.20

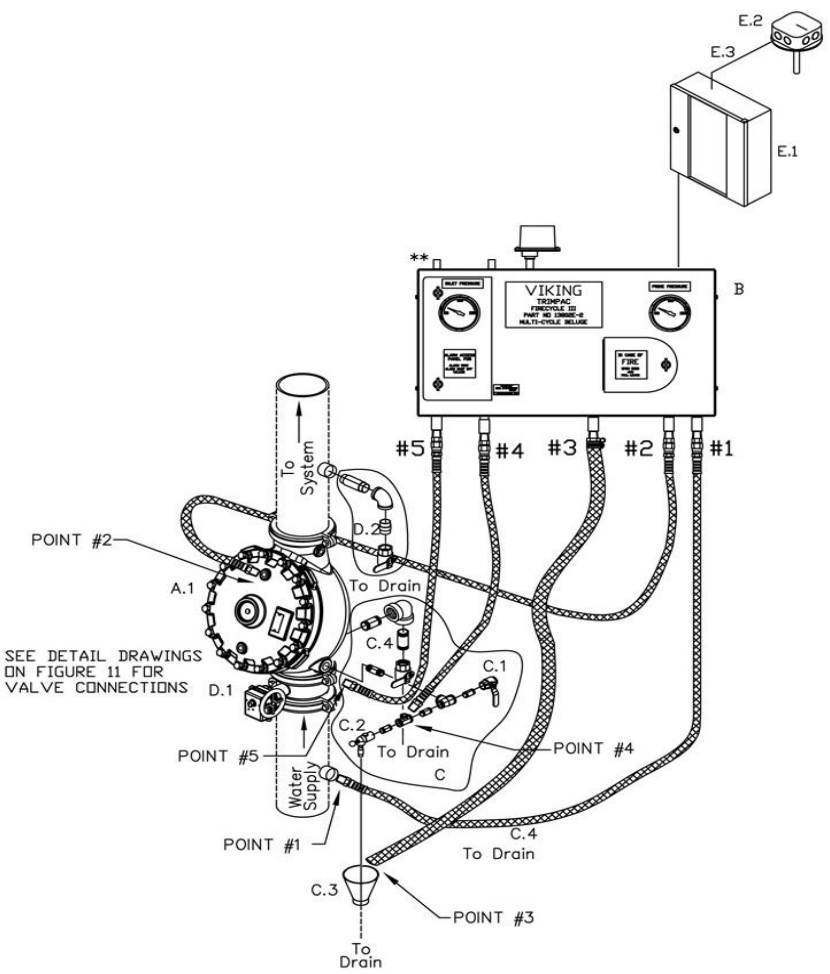
Firecycle detectors can be installed in finished ceilings using recessed escutcheon. See technical data for details.

CABLE - Firecycle® III and III-OH *IPG V248*
(for use in conduit)

18 Gauge FPL	19750	$10.75	per ft	*(100 ft minimum order)*
16 Gauge FPL	19749	$15.35	per ft	*(100 ft minimum order)*

** See pages Q-7 - Q-9 for additional accessories and related components*

Firecycle® System - DELUGE



Description	
A.1	Model J flow control valve
B	TrimPac® (includes following items)
	Firecycle® deluge trim (conventional)
	Release trim
	Flexible hose kit
C	TrimPac® drain package (order separately)
C.1	Auxiliary drain valve (normally closed)
C.2	Drip check valve
C.3	Drain cup
C.4	Flow test valve (normally closed)
D	Riser
D.1	Water supply control valve
D.2	System main drain
E	Release system
E.1	Release control panel (order separately)
E.2	Firecycle detector
E.3	Detector cables

TrimPac can be used with either straight through or angle style valves (straight through shown).

Model J Flow Control Valve* - STRAIGHT THROUGH

IPG 244	1-1/2"	2"	2-1/2"	3"	4"	6"	8"
Thread X Thread	12130 $3,753.92	12063 $3,874.45	12405 $4,911.91	N/A	N/A	N/A	N/A
Flange X Flange	N/A	N/A	N/A	12016 $4,911.91	11968 $6,189.48	11970 $8,264.37	11993 $17,804.96
Flange X Groove	N/A	N/A	N/A	12020 $4,911.91	11967 $6,189.48	11969 $8,264.37	N/A
Groove X Groove	12129 $3,753.92	12061 $3,874.45	12407 $4,911.91	12024 $4,911.91	11516 $6,189.48	11527 $8,264.37	11019 $15,607.54

Model H Flow Control Valve* - ANGLE STYLE

IPG 244	1-1/2"	2"	3"	4"	6"
Thread X Thread	09894 $1,773.72	05856C $4,057.21	N/A	N/A	N/A
Flange X Flange	N/A	N/A	05914C $5,143.61	05911C $6,481.42	05908C $8,654.19
Flange X Groove	N/A	N/A	05837C $5,143.61	05841C $6,481.42	05458C $8,654.19

See page P-7 for Halar® coated valves

** Valve is not included in trim packages. Please order separately. See following page for trim packages and equipment.*

Firecycle® System - DELUGE

Viking's Firecycle® systems are available in TrimPac arrangement only. Loose or modular trim not offered.

TrimPac® *(IPG V234)*

GALVANIZED Trim	**1-1/2"**	**2"**	**2-1/2"**	**3"**	**4"**	**6"**	**8"**
Multicycle Deluge	13802E-2	13802E-2	13802E-2	13802E-2	13802E-2	13802E-2	13802E-2
(includes release & trim)	$6,833.99	$6,833.99	$6,833.99	$6,833.99	$6,833.99	$6,833.99	$6,833.99
BRASS Trim	**1-1/2"**	**2"**	**2-1/2"**	**3"**	**4"**	**6"**	**8"**
Multicycle Deluge	13802E-2B	13802E-2B	13802E-2B	13802E-2B	13802E-2B	13802E-2B	13802E-2B
(includes release & trim)	$9,601.67	$9,601.67	$9,601.67	$9,601.67	$9,601.67	$9,601.67	$9,601.67

TrimPac ® includes conventional trim, (1) NO solenoid valve, (1) NC solenoid valve, releasing trim, and flexible hose kit.
Drain package for TrimPac must be ordered separately (see below).

Drain Package

IPG V257	**1-1/2"**	**2"**	**2-1/2"**	**3"**	**4"**	**6"**	**8"**
Use with TrimPac®	11894-1	11894-2	11894-3	11894-3	11894-4	11894-4	11894-4
(order separately)	$507.75	$410.70	$465.42	$465.42	$597.35	$597.35	$597.35

Accessories for TrimPac® *(IPG V234)*

Air Line Trim
(not for use with Deluge TrimPac System)

Tank Mounted	13770	$1,815.18
Tankless	13771	$639.99

Replacement Hose

PVC drain hose	12071	$144.57

Riser Mounting Kit
(when mounting TrimPac to riser)

Vertical	11900	$1,003.93
Horizontal	11901	$1,380.47

Firecycle® Detectors*

Firecycle III-OH Detectors *IPG V248*

Flush Mount

11723	140°F / 60°C	$652.51
11724	160°F / 71°C	$652.51
11725	190°F / 88°C	$652.51
11726	225°F / 107°C	$652.51

Surface Mount

11727	140°F / 60°C	$652.51
11728	160°F / 71°C	$652.51
11729	190°F / 88°C	$652.51
11730	225°F / 107°C	$652.51

Firecycle II and III Detectors *IPG V248*

Use with cable in conduit

08288	140°F / 60°C	$1,615.20
08289	160°F / 71°C	$1,615.20
08290	190°F / 88°C	$1,615.20

Firecycle detectors can be installed in finished ceilings using recessed escutcheon. See technical data for details.

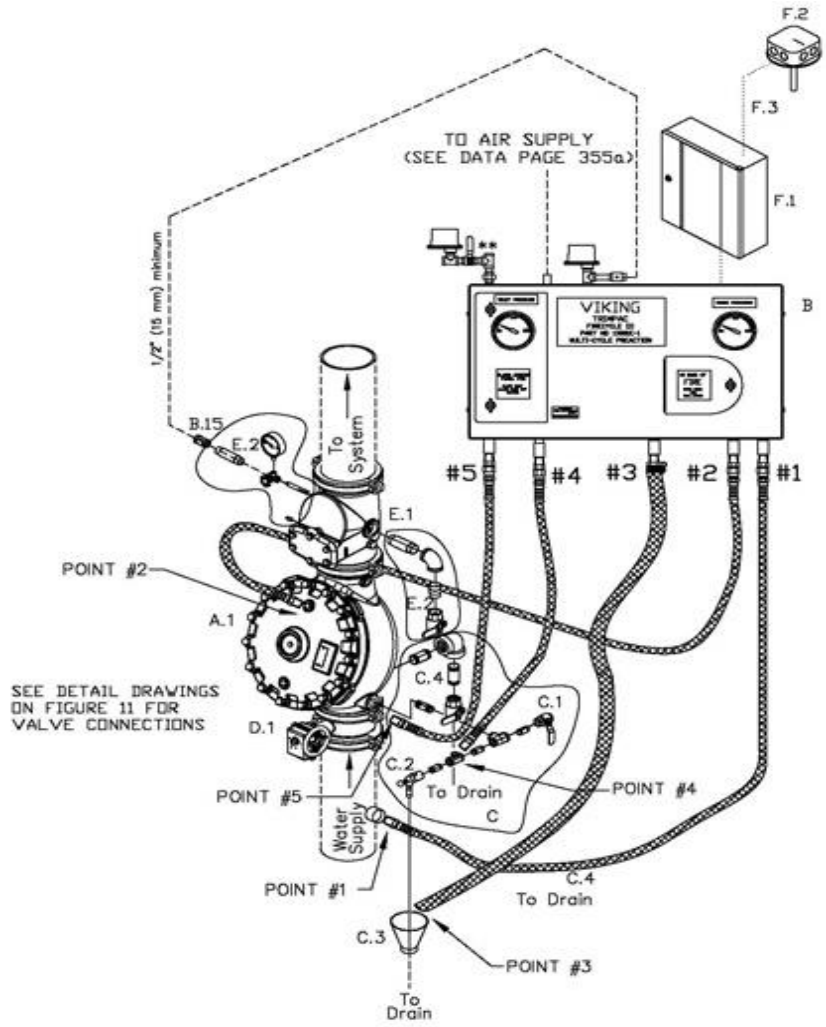
CABLE - Firecycle® III and III-OH *IPG V248*

(for use in conduit)

18 Gauge FPL	19750	$10.75	per ft	*(100 ft minimum order)*
16 Gauge FPL	19749	$15.35	per ft	*(100 ft minimum order)*

** See pages Q-7 - Q-9 for additional accessories and related components*

Firecycle® System - PREACTION - Single/Double Interlocked



Description
A.1 Model J flow control valve
B TrimPac® (includes following items)
Firecycle® preaction trim (conventional)
Release trim
Flexible hose kit
C TrimPac® drain package (order separately)
C.1 Auxiliary drain valve (normally closed)
C.2 Drip check valve
C.3 Drain cup
C.4 Flow test valve (normally closed)
D Riser
D.1 Water supply control valve
E Check valve (order separately)
E.1 Easy Riser® check valve
E.2 Check valve trim (order separately)
E Release system
E.1 Release control panel (order separately)
E.2 Firecycle detector
E.3 Firecycle cable

TrimPac can be used with either straight through or angle style valves (straight through shown).

Model J Flow Control Valve* - STRAIGHT THROUGH

IPG 244	1-1/2"	2"	2-1/2"	3"	4"	6"	8"
Thread X Thread	12130 $3,753.92	12063 $3,874.45	12405 $4,911.91	N/A	N/A	N/A	N/A
Flange X Flange	N/A	N/A	N/A	12016 $4,911.91	11968 $6,189.48	11970 $8,264.37	11993 $17,804.96
Flange X Groove	N/A	N/A	N/A	12020 $4,911.91	11967 $6,189.48	11969 $8,264.37	N/A
Groove X Groove	12129 $3,753.92	12061 $3,874.45	12407 $4,911.91	12024 $4,911.91	11516 $6,189.48	11527 $8,264.37	11019 $15,607.54

Model H Flow Control Valve* - ANGLE STYLE

IPG 244	1-1/2"	2"	3"	4"	6"
Thread X Thread	09894 $1,773.72	05856C $4,057.21	N/A	N/A	N/A
Flange X Flange	N/A	N/A	05914C $5,143.61	05911C $6,481.42	05908C $8,654.19
Flange X Groove	N/A	N/A	05837C $5,143.61	05841C $6,481.42	05458C $8,654.19

See page P-7 for Halar® coated valves

** Valve is not included in trim packages. Please order separately. See following page for trim packages and equipment.*

Firecycle® System - PREACTION - Single/Double Interlocked

Viking's Firecycle® systems are available in TrimPac arrangement only. Loose or modular trim not offered.

TrimPac® *(IPG V234)*

GALVANIZED Trim	**1-1/2"**	**2"**	**2-1/2"**	**3"**	**4"**	**6"**	**8"**
Single/Double Interlock	13801E-1	13801E-1	13801E-1	13801E-1	13801E-1	13801E-1	13801E-1
(includes release & trim)	$6,833.99	$6,833.99	$6,833.99	$6,833.99	$6,833.99	$6,833.99	$6,833.99
BRASS Trim	**1-1/2"**	**2"**	**2-1/2"**	**3"**	**4"**	**6"**	**8"**
Single/Double Interlock	13801E-1B	13801E-1B	13801E-1B	13801E-1B	13801E-1B	13801E-1B	13801E-1B
(includes release & trim)	$9,601.67	$9,601.67	$9,601.67	$9,601.67	$9,601.67	$9,601.67	$9,601.67

Trim Pac includes conventional trim, (1)NO solenoid valve, (1)NC solenoid valve, pneumatic actuator, releasing trim,and flexible hose kit. Drain package ordered separately (see below).

Drain Package *(IPG V257)*

Use with TrimPac®	11894-1	11894-2	11894-3	11894-3	11894-4	11894-4	11894-4
(order separately)	$507.75	$410.70	$465.42	$465.42	$597.35	$597.35	$597.35

Riser Check Valve and Trim *(IPG V259 / V222)*

	1-1/2"	**2"**	**2-1/2"**	**3"**	**4"**	**6"**	**8"**
Riser Check Valve Threaded	10659 $693.25	10667 $801.53	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
Riser Check Valve Flange / Flange	**N/A**	**N/A**	**N/A**	08505 $1,169.54	08508 $1,205.06	08511 $1,986.92	**N/A**
Riser Check Valve Flange / Groove	**N/A**	**N/A**	**N/A**	08506 $991.89	08509 $1,020.95	08512 $1,689.66	08515 $2,391.56
Riser Check Valve Groove / Groove	11054 $693.25	11059 $801.53	07929 $843.23	08507 $843.23	08510 $843.23	08513 $1,560.47	08516 $2,209.85
Riser Check Valve Trim *(For Preaction)*	12960 $230.08	12960 $230.08	13776 $576.39	13776 $576.39	13777 $609.29	13777 $609.29	13777 $609.29
Riser Check Valve Trim ***BRASS***	12960-1 $389.02	12960-1 $389.02	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**

** Riser check valve trim includes system main drain valve and air pressure gauge.*

Accessories for TrimPac® *(IPG V234)*

Air Line Trim
(not for use with Deluge TrimPac System)

Tank Mounted	13770	$1,815.18
Tankless	13771	$639.99

Replacement Hose

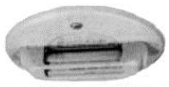
PVC drain hose	12071	$144.57

Riser Mounting Kit
(when mounting TrimPac to riser)

Vertical	11900	$1,003.93
Horizontal	11901	$1,380.47

Firecycle® Detectors*

Firecycle III-OH Detectors *IPG V248*



Flush Mount

11723	140°F / 60°C	$652.51
11724	160°F / 71°C	$652.51
11725	190°F / 88°C	$652.51
11726	225°F / 107°C	$652.51

Surface Mount

11727	140°F / 60°C	$652.51
11728	160°F / 71°C	$652.51
11729	190°F / 88°C	$652.51
11730	225°F / 107°C	$652.51

Firecycle II and III Detectors *IPG V248*

Use with cable in conduit

08288	140°F / 60°C	$1,615.20
08289	160°F / 71°C	$1,615.20
08290	190°F / 88°C	$1,615.20

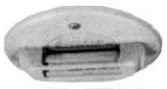
Firecycle detectors can be installed in finished ceilings using recessed escutcheon. See technical data for details.

Accessories for Firecycle® Systems

Firecycle® Detectors*

Firecycle III-OH Detectors

IPG V248



Flush Mount		
11723	140°F / 60°C	$652.51
11724	160°F / 71°C	$652.51
11725	190°F / 88°C	$652.51
11726	225°F / 107°C	$652.51
Surface Mount		
11727	140°F / 60°C	$652.51
11728	160°F / 71°C	$652.51
11729	190°F / 88°C	$652.51
11730	225°F / 107°C	$652.51

Firecycle II and III Detectors

IPG V248

Use with cable in conduit

08288	140°F / 60°C	$1,615.20
08289	160°F / 71°C	$1,615.20
08290	190°F / 88°C	$1,615.20

(1) Special colors available upon request for additional charge.
(2) Includes mounting nuts and ceramic wire nuts

Firecycle detectors can be installed in finished ceilings using recessed escutcheon. See technical data for details.

RELEASE CONTROL PANEL (VFR-400)

IPG V241

VFR-400 Release Control Panel

- Multi-hazard operation
- Features on board, menu driven programming
- Four Class B initiating circuits
- Two Class B supervisory circuits**
- Four Class B output circuits
- Programmable cross zoning
- 12 standard programs (program options for Viking preaction, deluge, Surefire® and Firecycle® systems)

***Can be used for Supervisory, Tamper, Low Air or High Air*

Part No.	List Price
14152-1	$4,039.20

** see below for accessories and optional modules*

Optional Modules / Accessories

	Part No.	List Price
CA2Z Module (class A initiating device circuit):	14155	$241.14
CAM2 Module (class A indicating appliance circuit):	14156	$277.32
ARM-1/ARM-2 Module (auxiliary relay module):	14157	$349.66
RA-4410-RC (remote annunciator):	14154	$1,266.00
	Part No.	**List Price**
MR-101/T SPDT Relay Module:	14159	$141.70
MR-201 DPDT Relay Module:	14160	$177.84
MR801/T SPDT Relay w/Led Indicator:	14161	$75.36
ELOD Resistor/Diode:	14162	$36.17
ELOR Resistor:	14163	$3.03

Batteries

(two required per panel)

	Part No.	List Price
8 Amp	07920	$219.97
12 Amp	07921	P.O.A.
18 Amp	09867	P.O.A.

Battery Cabinet *(for 18 amp hr battery)*

Part No.	List Price
09866	$763.36

CABLE - Firecycle® III and III-OH

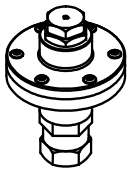
IPG V248

(for use in conduit)

18 Gauge FPL	19750	$10.75	per ft	*(100 ft minimum order)*
16 Gauge FPL	19749	$15.35	per ft	*(100 ft minimum order)*

Accessories for Firecycle® Systems

Model D-2 - Air Pressure Maintenance Device



Size	Part #	List Price
¼" / DN8	02280C	$724.07

V226

Model D-2 - Air Pressure Maintenance Device

Size	Part #	List Price
½" / DN15	07459	$1,272.39
DOMESTIC [1]		
Size	**Part #**	**List Price**
½" / DN15	07459USA	$1,696.51

V226

Dehydrator Package

Includes:

- Desiccant	1/4" (DN8)	
- Mounting Brackets	16854	$1,713.19
- Nipples	Extra Desiccant*	
	16855	$387.89

IPG V226 **one unit fills dehydrator*

Filter Kit	Part #	List Price
V249	03007A	$43.92

Electric Bell

120V AC		
8" / 200 mm	PBA-1208	$113.64

IPG SR030

Accessories for TrimPac® *(IPG V234)*

Air Line Trim

(not for use with Deluge TrimPac System)

Tank Mounted	13770	$1,815.18
Tankless	13771	$639.99

Replacement Hose

PVC drain hose	12071	$144.57

Riser Mounting Kit

(when mounting TrimPac to riser)

Vertical	11900	$1,003.93
Horizontal	11901	$1,380.47

Alarm Devices

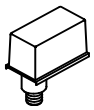
Alarm Pressure Switch - SR020

Adjustable Range (4-20 psi)

1/2" / DN50

Single SPDT	PS101A	$221.55
Dual SPDT	PS102A	$266.52

** Manufactured by Potter*



Explosion Proof

Dual SPDT	PS10-EX	$1,388.36
Dual SPDT	PS40EX	$1,389.36

** Cenelec approved*

Pressure Adj Access Key

10600	$27.18

Cover Removal Key

10601	$27.18

** Appropriate hex keys included with switches.*

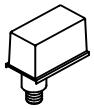
Pressure Supervisory Switch (Air, Nitrogen, Water) - *IPG SR020*

Adjustable Range (10-175 psi)

1/2" / DN50

Single SPDT	PS401A	$221.55
Dual SPDT	PS402A	$266.52

** Manufactured by Potter*



Cover Tamper Switch Kit

09601	$139.00

Explosion Proof

Dual SPDT	10379	$1,790.78

** Cenelec approved*

Pressure Adj Access Key

10600	$27.18

Cover Removal Key

10601	$27.18

** Appropriate hex keys included with switches.*

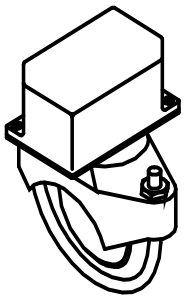
Flow Switch - *SR010*

Waterflow Indicators

(adjustable retard up to 120 sec. - 2 SPDT contacts)

Model VSR

1-2" / DN40	VSRF0100	$318.01
2" / DN50	VSRF0200	$343.06
2½" / DN65	VSRF0250	$343.06
3" / DN80	VSRF0300	$343.06
3½" / DN90	VSRF0350	$343.06
4" / DN100	VSRF0400	$343.06
5" / DN125	VSRF0500	$343.06
6" / DN150	VSRF0600	$343.06
8" / DN200	VSRF0800	$383.75



Water Motor Alarm and Accessories - *IPG V226*

Water Motor Alarm

Model F-2

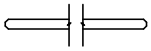
07862	$617.69

Closure Plate

05820B	$126.07

Adjustable Shaft

(wall thickness up to 30-1/4 in / 768 mm)



03312B	$120.96

Alarm Line Y Strainer

3/4 " (DN20)

01489A	$183.93

Extension Cup

05957B	$100.86

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Notes

1. Refer to Viking technical data pages for complete product specifications. You may print or download technical data by visiting www.vikinggroupinc.com.
2. List prices effective January 12, 2019. Supersedes June 2018 list price book.
3. All sales by Viking are subject to the Terms & Conditions found on the last page of this book.

FOAM SYSTEMS

Wet-Pipe Foam/Water System supplied by a Bladder Tank

A Wet Pipe Foam/Water System Supplied by Bladder Tank with a hydraulically actuated Viking Halar® deluge concentrate control valve (CCV) consists of a standard wet pipe sprinkler system using a Viking alarm check valve complete with trim, retard chamber, ratio controller proportioning device with appropriately sized orifice, hydraulically actuated Viking Halar® Deluge Valve, foam concentrate bladder tank and foam agent.
http://www.vikinggroupinc.com/sites/default/files/documents/031916.pdf

Wet-Pipe Foam/Water System supplied by a Foam Pump

A Wet Pipe Foam/Water System Supplied by Foam Pump with a hydraulically actuated Viking Halar® deluge concentrate control valve (CCV) consists of a standard wet pipe sprinkler system using a Viking alarm check valve complete with trim, an In-Line Balanced Proportioner (ILBP) which includes a concentrate controller, listed orifice plate, spool balancing valve, and swing check valve, a hydraulically actuated Viking Halar® Deluge Valve, a foam concentrate bladder tank and foam concentrate, a CCV priming connection, a foam concentrate atmospheric tank/trim and foam agent.
http://www.vikinggroupinc.com/sites/default/files/databook/foam/design/011501.pdf

Wet-Pipe Foam/Water Multiple Systems supplied by a Bladder Tank

Multiple wet foam risers are supplied by a single bladder tank by a piping manifold installed from the discharge head of the bladder tank to each individual riser. The foam manifold will be sized for the most severe volume requirement and metered pressure drop requirement. At each riser location, a supply outlet will be provided from the concentrate manifold supply. The supply outlet will have a concentrate shut-off valve, Halar® coated concentrate control valve, concentrate piping, a concentrate swing check valve, and a concentrate controller with integral metering orifice. The individual sprinkler riser will have a water supply control valve, Viking alarm check valve with trim and retard chamber, sprinkler riser piping, concentrate controller, solution test valve, and system isolation valve.
http://www.vikinggroupinc.com/sites/default/files/databook/foam/design/011901.pdf

Wet-Pipe Foam/Water Manifold Systems supplied by a Foam Pump

With a Wet Pipe Foam/Water Manifold System Supplied by Foam Pump, multiple risers can be supplied from a single proportioning device. A riser manifold is installed with various riser types and sizes that are to supply foam solution to their hazard areas. A proportioning device is located upstream of the riser manifold. Foam solution is supplied to any or all risers where a water flow is present. If the desire is install a completely mechanical proportioning system, an alarm check valve will be required upstream of the proportioning device. A foam pump can supply foam concentrate to an individual In-line Balanced Proportioning Assembly (ILBP) serving multiple risers in a manifold. A single proportioning device supplying multiple risers can be an economical method of providing foam risers.
http://www.vikinggroupinc.com/sites/default/files/databook/foam/design/011801.pdf

Wet-Pipe Low Flow Foam/Water System supplied by a Bladder Tank

The Viking Low Flow Foam/Water proportioning system is a UL Listed and FM Approved system, for use with Viking supplied foam concentrates. This system consists of a standard wet pipe sprinkler system, using a Viking alarm check valve, complete with trim and retard chamber, a factory assembled and tested Viking pilot operated pressure control valve, an in-line balanced pressure foam concentrate proportioning assembly (ILBP), bladder tank with trim, a hydraulic actuated Viking Halar® coated concentrate control deluge valve and foam concentrate UL Listed and FM Approved for use with the Viking system. This system was developed to provide an accurate foam/water solution at much lower flow ranges than what a conventional concentrate controller is capable of. The low flow foam system will also provide positive foam injection throughout the full range of system flows. It will provide a rich foam solution at low flows below the listed and approved minimum flow rates, which makes it ideal for use on closed head wet pipe sprinkler systems. Therefore, it is now possible to obtain the desired concentrate percentage at lower flows, which results in the operation of fewer sprinklers on the wet pipe systems, to achieve the desired foam/water solution percentage.
http://www.vikinggroupinc.com/sites/default/files/documents/031816.pdf

Wet-Pipe Low Flow Foam/Water Manifold System supplied by a Bladder Tank

With the Wet Pipe Low Flow Foam/Water Manifold System, multiple risers can be supplied from a single proportioning device. A riser manifold is installed with various riser types and sizes that are to supply foam solution to their hazard areas. A proportioning device is located upstream of the riser manifold. Foam solution is supplied to any or all risers where a water flow is present. If the desire is to install a completely mechanical proportioning system, an alarm check valve will be required upstream of the proportioning device. A Viking Low Flow Foam system utilizing a bladder tank can supply foam concentrate to an individual in-line balanced proportioning assembly (ILBP) serving multiple risers in a manifold. A single proportioning device supplying multiple risers can be an economical method of providing foam risers.

http://www.vikinggroupinc.com/sites/default/files/databook/foam/design/011701.pdf

Deluge Foam/Water System supplied by a Bladder Tank

A Deluge Foam/Water System Supplied by Bladder Tank is a standard deluge system capable of discharging a foam/water solution automatically through open sprinklers, spray nozzles, monitor nozzles, and other discharge devices. A Deluge Foam/Water System Supplied by Bladder Tank with a hydraulically actuated Viking Halar® coated deluge CCV consists of a standard deluge system using a Viking deluge valve complete with full standard trim and detection and releasing devices, a concentrate controller-proportioning device with appropriately sized orifice, a hydraulically actuated Viking Halar® coated deluge CCV on foam concentrate line, a foam concentrate bladder tank, and trim and foam agent.

http://www.vikinggroupinc.com/sites/default/files/documents/031716.pdf

Deluge Foam/Water System supplied by a Foam Pump

A Foam Deluge System Supplied by a Foam Pump is a standard deluge system capable of discharging foam/water solution automatically through any discharge device supplied from the deluge system piping. A deluge foam/water system with a hydraulically actuated Halar® coated concentrate control valve consists of a Viking deluge valve complete with standard deluge trim, detection and releasing devices on the water supply line, an In-line Balanced Proportioner Assembly (proportioning device), which includes a concentrate controller, listed orifice plate, spool balancing valve and swing check valve, hydraulically actuated Halar® coated concentrate control valve on foam concentrate line, a foam concentrate atmospheric tank and trim, and foam concentrate agent.

http://www.vikinggroupinc.com/sites/default/files/databook/foam/design/011301.pdf

Deluge Foam/Water Multiple Systems supplied by a Bladder Tank

With Multiple Foam/Water Deluge Systems Supplied by a Bladder Tank, multiple deluge foam risers can be supplied from a single foam concentrate source. Where a bladder tank is used as the foam concentrate storage container and foam concentrate source, a manifold foam concentrate supply from the bladder tank to the individual risers is a cost effective method of installing many foam risers without duplicating the foam concentrate supply for each different riser. The foam concentrate bladder tank will be sized by the most demanding system. It is important to remember that the most demanding system will also require taking in account that the duration requirement per system may differ as well. At each riser location, a supply outlet will be provided from the concentrate manifold supply. The supply outlet will have a concentrate shut-off valve, Halar® coated concentrate control valve, concentrate piping, a concentrate swing check valve, and a concentrate controller with integral metering orifice. The individual deluge riser will have a water supply control valve, Viking deluge valve with deluge trim, riser piping, concentrate controller, solution test valve and system isolation valve.

http://www.vikinggroupinc.com/sites/default/files/databook/foam/design/011601.pdf

Preaction Foam/Water System supplied by a Bladder Tank

A Preaction Foam/Water System Supplied by a Bladder Tank is a standard preaction system capable of discharging a foam/water solution automatically through any sprinklers that operate. A Preaction Foam/Water System Supplied by Bladder Tank with a hydraulically actuated Halar® Coated Deluge Concentrate Control Valve consists of a standard preaction system using a Viking deluge valve complete with full standard preaction trim, detection, and releasing devices on the water supply line, a ratio controller-proportioning device with appropriately sized orifice, a hydraulically actuated Viking Halar® coated deluge CCV on foam concentrate line, a foam concentrate bladder tank and foam concentrate.

http://www.vikinggroupinc.com/sites/default/files/documents/032016.pdf

Preaction Foam/Water System supplied by a Foam Pump

A Preaction Foam/Water System Supplied by a Foam Pump is a standard preaction system capable of discharging foam/water solution automatically through any discharge device supplied from the preaction system piping. A preaction foam/water system with a hydraulically actuated Halar® coated concentrate control valve consists of the following: a Viking deluge valve complete with standard deluge trim, riser check valve, supervisory air supply, detection and releasing devices on the water supply line, an In-line Balanced Proportioner Assembly (proportioning device), which includes a concentrate controller, listed orifice plate, spool balancing valve and swing check valve, hydraulically actuated Halar® coated concentrate control valve on foam concentrate line, a foam concentrate atmospheric tank and trim and foam concentrate agent.

http://www.vikinggroupinc.com/sites/default/files/databook/foam/design/011401.pdf

Preaction Low Flow Foam/Water System supplied by a Bladder Tank

The Viking Preaction Low-Flow Foam/Water System is a UL Listed and FM Approved system, for use with Viking-supplied foam concentrate. This sprinkler system consists of the following: A standard single-interlocked preaction sprinkler system, using a Viking flow control valve with pressure regulating deluge and flow control trim, Viking Easy Riser® Check Valve, release module for the supplemental detection system, an in-line balanced-pressure foam concentrate proportioning assembly (ILBP), hydraulically actuated Viking Halar® coated concentrate control valve, and foam concentrate that is UL Listed and FM Approved for use with the Viking system. This system was developed to provide an accurate foam/water solution at much lower flow ranges than a conventional concentrate controller. The low-flow foam system will also provide positive foam injection throughout the full range of system flows. The Viking preaction low-flow foam system also allows for the use of multiple foam discharge points with. It is capable of sizing the proportioner specifically for the area of application, while using only a single source of foam concentrate supply. Water supply pressure to the bladder tank must be provided from an upstream source, preceding the pilot regulating control valve and preferably near a main fire water source, pump, or centrally located bladder tank. The inlet foam concentrate pressure to balancing valve must be 15-20 psig (1.03-1.38 BAR) higher for the Viking ILBP assembly than the water inlet pressure to the concentrate controller (CC) at each proportioner location. The balancing valve senses inlet water pressure and balances the foam concentrate pressure to match water pressure at inlet of foam concentrate to metering orifice of (CC).

http://www.vikinggroupinc.com/sites/default/files/databook/foam/design/091698.pdf

Pilot Regulating Foam/Water Deluge System supplied by a Bladder Tank

The Pilot Pressure Regulating Foam/Water Deluge System Supplied by a Bladder Tank is a UL Listed and FM Approved system, for use with Viking supplied foam concentrate. This sprinkler system consists of a standard deluge sprinkler system, using a Viking flow control valve with pressure regulating flow control trim, a release module for the supplemental detection system, an In-Line Balanced Pressure Proportioner ILBP, a hydraulically actuated Viking Halar® coated concentrate control valve, and foam concentrate UL listed and FM approved for use with the Viking system. Water supply pressure to the bladder tank must be provided from a downstream source, after the pilot pressure regulating deluge valve, preferably between the discharge outlet of the flow control valve and the ILBP. The listed pressure differential for the pressure regulating trim is 20 PSIG (1.38 bar). This means that the inlet pressure at the desired flow rate to the pressure regulating deluge system has to be 20 psi higher than the desired pressure on the discharge side of the deluge valve. In order to obtain the pressure differential between foam/water solution and supply water pressure, the pilot pressure regulating valve on the pressure regulating deluge trim must be adjusted to reduce the water pressure past the discharge side of the flow control valve. For best results, the pilot pressure regulating deluge valve should be set using the downstream pressure gauge of the pilot pressure regulating deluge valve and the water pressure gauge.

http://www.vikinggroupinc.com/sites/default/files/databook/foam/design/101798.pdf

Pilot Regulating Foam/Water Multiple Deluge Systems supplied by a Bladder Tank

Multiple pilot pressure regulating foam risers can be supplied by a single bladder tank when a concentrate manifold from the discharge head of the bladder tank is installed to each individual riser. The foam concentrate manifold will be sized for the most severe volume requirement and metered pressure drop requirement. At each riser location, a supply outlet will be provided from the concentrate manifold supply. The supply outlet will have a concentrate shut-off valve, Halar® coated concentrate control valve, concentrate piping, a concentrate swing check valve, and an in-line balanced pressure proportioner (ILBP). The individual pilot pressure regulating riser will have a water supply control valve, Viking flow control valve with pressure regulating deluge trim, riser piping, solution test valve and system isolation valve. A manifold supply from a bladder tank to multiple pilot pressure regulating risers allows for individual proportioning at each riser, allowing for different size risers.

http://www.vikinggroupinc.com/sites/default/files/databook/foam/design/110706.pdf

Grate Nozzle Pressure Regulating Flow Control System supplied by a Bladder Tank

Detection system detects fire situation due to flame. Electric signal provided to the releasing control panel, which opens solenoid valve and allows deluge flow control valve to open, and foam concentrate valve also opens at the same time, allowing foam concentrate to enter the ILBP foam proportioning system inlet. This discharges foam solution at 3% to discharge from the trench nozzles at 40 psi (2.8 bar) each at the most remote and 47 psi (3.24 bar) at least remote. The complete floor area within 5' (1.5 m) of the perimeter walls and doorways is covered in foam within 3 minutes of system actuation. The discharge pressure from trench nozzles is regulated by the Pressure Regulating Flow Control Valve to maintain a 40 - 47 psi (2.8 to 3.24 bar) discharge pressure. When flow from the trench system occurs, a flow alarm is given from the discharge pressure alarm switch and the detection system.

Grate Nozzle Pressure Regulating Flow Control System supplied by a Foam Pump

Coming Soon

Grate Nozzle Pressure Regulating Flow Control System supplied by an Inductor

Coming Soon

DESCRIPTION	NOMINAL SIZE	PART NUMBER	LIST PRICE (each)
FOAM CONCENTRATE CONTROL VALVE			
Model F-2 Deluge Valve			
This valve is HALAR® coated for protection in corrosive environments and can be used with ARC or AFFF foam concentrates.			
Straight Through Deluge Valve			
Threaded NPT			
HALAR® Pipe O.D.	Model F-2		
NPT 65mm	2½"	12402Q/B	$6,245.90
Groove/Groove			
HALAR® Pipe O.D.	Model F-2		
48mm	1½" / DN40	12127Q/B	$4,627.55
60mm	2" / DN50	12058Q/B	$4,640.14
73mm	2½" / DN65	12404Q/B	$6,245.90
V233			
FOAM CONCENTRATE CONTROL VALVE			
Model J-2 Flow Control Valve			
This valve is HALAR® coated for protection in corrosive environments and can be used with ARC or AFFF foam concentrates.			
Straight Through Flow Control Valve			
This valve is used in Pressure Regulating Foam Systems			
Threaded NPT			
HALAR® Pipe O.D.	Model J-2		
NPT 65mm	2½"	12406Q/B	$7,430.25
Groove/Groove			
HALAR® Pipe O.D.	Model J-2		
48mm	1½" / DN40	12131Q/B	$5,826.90
60mm	2" / DN50	12062Q/B	$5,842.69
73mm	2½" / DN65	12408Q/B	$7,430.25
V244			
FOAM CONCENTRATE CONTROL VALVE TRIM	Use with Model F Deluge Valve or Model J Flow Control Valve when used as a Concentrate Control Valve for either AR or AFFF foam concentrates.		
	Use with Straight Through Valves		
	Galvanized		
	1½" / DN40	12848-1	$348.78
	2" / DN50	12848-1	$348.78
	2½" / DN65	12929-1	$800.41
	Brass		
	1½" / DN40	12848-2	$483.88
	2" / DN50	12848-2	$483.88
	2½" / DN65	12929-2	$873.19
V244			

DESCRIPTION	NOMINAL SIZE	PART NUMBER	LIST PRICE (each)
VALVE TRIM FOR PREMIXED FOAM SYSTEMS			
Model J-1 Alarm Valve Trim Variable Pressure			
V227	Brass		
Vertical	3" / DN80	11428	$2,000.57
	4" / DN100	11429	$2,334.50
	6" / DN150	11430	$2,449.76
	8" / DN200	11431	$2,449.76
Horizontal	3" / DN80	11432	$2,071.49
	4" / DN100	11433	$2,452.72
	6" / DN150	11434	$2,502.98
	8" / DN200	11435	$2,502.98
Circuit Closer Vent Trim	Brass	8220	$169.90

RELEASE TRIM PACKAGES			
Use with Conventional Trim			
Electric	Brass	10832	$291.85
Electric/Pneumatic	Brass	12661-2	$216.51
Pneumatic	Brass	10811	$259.37
Domestic [1] Electric	Brass	10832USA	$389.13
V239			

(1) Meets sourcing requirements of the Buy American Act, American Reinvestment and Recovery Act, and the Buy American Law.

Foam Concentrates

Aqueous Film-Forming Foam (AFFF) — ***IPG V300***

Part Number	Description	Gallons/Container	Shipping Weight*	List Price*
F20335-6.5	AFFF 1%S C6 Concentrate	6.5 gal bucket	61	$ 1,101.94
F20335-55	AFFF 1%S C6 Concentrate	55 gal drum	500	$ 9,013.37
F20335-265	AFFF 1%S C6 Concentrate	265 gal tote	2454	$ 43,427.91
F20336-6.5	AFFF 3%S C6 Concentrate	6.5 gal bucket	59	$ 404.90
F20336-55	AFFF 3%S C6 Concentrate	55 gal drum	491	$ 3,172.16
F20336-265	AFFF 3%S C6 Concentrate	265 gal tote	2389	$ 15,283.96
F21719-6.5	AFFF 3%M C6 Concentrate Mil Spec.	6.5 gal bucket	59	$ 682.22
F21719-55	AFFF 3%M C6 Concentrate Mil Spec.	55 gal drum	491	$ 5,586.42
F21719-265	AFFF 3%M C6 Concentrate Mil Spec.	265 gal tote	2389	$ 26,916.42

** Per container*

Alcohol-Resistant Foam Concentrate (ARC) — ***IPG V300***

Part Number	Description	Gallons/Container	Shipping Weight*	List Price*
F20227-6.5	ARC 3X3S C6 Concentrate	6.5 gal bucket	59	$ 780.75
F20227-55	ARC 3X3S C6 Concentrate	55 gal drum	491	$ 5,951.74
F20227-265	ARC 3X3S C6 Concentrate	265 gal tote	2389	$ 28,676.56

** Per container*

Fluoroprotein (FP) — ***IPG V300***

Part Number	Description	Gallons/Container	Shipping Weight*	List Price*
F20896-6.5	FP 3% C6 Concentrate	6.5 gal bucket	30 lbs	$ 290.44
F20896-55	FP 3% C6 Concentrate	55 gal drum	488 lbs	$ 2,235.85
F20896-265	FP 3% C6 Concentrate	265 gal tote	2393 lbs	$ 10,772.79

** Per container*

ACCESSORIES - Foam Systems

Pressure Operated Relief Valve (PORV) - Model D-3

½" / DN15
Brass
16970 $ 1,392.00
IPG V242

Pressure Operated Relief Valve (PORV) - Model D-4

½" / DN15
Corrosion Resistant
16971 $ 2,141.53
IPG V242

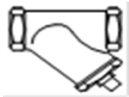
1/8" / 3mm Restricted Orifice

½" / DN15
06555A $ 31.99
IPG V226

Ball Valve

½" / DN15
10355 $ 52.05
IPG V226

Y Strainer



½" / DN15
01054A $ 122.00
IPG V226

CCV - Priming Connection Package

Includes:
- 1/8" Restricted Orifice 10985
- Model D-3 PORV $ 1,022.20
- Soft Seat Check Valve
- Ball Valve
- Y Strainer

1/2" Swing Check Valve

KT403W-50 $ 74.70

ACCESSORIES - Foam Systems *(continued)*

Description	Size	Part Number	List Price
Bladder Tank Water Supply Control Valve			
Thd Butterball® Valve w/ Switches	2" / DN50	BBSCS02-0200	$ 919.91
Ball Valve	1½" / DN40	FBV3C-0150	$ 125.88
Ball Valve	2" / DN50	FBV3C-0200	$ 198.14
OS & Y	2½" / DN65	8068A-0250	$ 1,548.89
OS & Y	3" / DN80	8068A-0300	$ 1,670.17
** Butterball® is a registered trademark of Milwaukee Valve Co.*			
Foam Concentrate Swing Check Valve			
Swing Check Valve	1½" / DN40	99S-0150	$ 136.39
Swing Check Valve	2" / DN50	99S-0200	$ 165.71
Swing Check Valve	2½" / DN65	05497C	$ 591.25
Foam Solution Test Valve			
Grooved Butterfly Valve	2½" / DN65	01G-0250	$ 1,933.62
Grooved Butterfly Valve	3" / DN80	01G-0300	$ 1,964.54
Grooved Butterfly Valve	4" / DN100	01G-0400	$ 2,054.85
Grooved Butterfly Valve	6" / DN150	01G-0600	$ 2,720.00
Grooved Butterfly Valve	8" / DN200	01G-0800	$ 3,590.92
System Isolation Valve			
Grooved Butterfly Valve	2½" / DN65	01G-0250	$ 1,933.62
Grooved Butterfly Valve	3" / DN80	01G-0300	$ 1,964.54
Grooved Butterfly Valve	4" / DN100	01G-0400	$ 2,054.85
Grooved Butterfly Valve	6" / DN150	01G-0600	$ 2,720.00
Grooved Butterfly Valve	8" / DN200	01G-0800	$ 3,590.92
Water Supply Control Valve			
OS & Y Valve	2½" / DN65	8068A-0250	$ 1,548.89
OS & Y Valve	3" / DN80	8068A-0300	$ 1,670.17
OS & Y Valve	4" / DN100	8068A-0400	$ 2,079.83
OS & Y Valve	6" / DN150	8068A-0600	$ 2,842.56
OS & Y Valve	8" / DN200	8068A-0800	$ 4,027.11
Foam Concentrate Shut-Off Valve			
Ball Valve	1½" / DN40	T595Y66-0150	$ 585.37
Ball Valve	2" / DN50	T595Y66-0200	$ 956.44
Ball Valve	2½" / DN65	T595Y66-0250	$ 1,831.42
Foam Test Header			
Angle Hose Valve	2½" / DN65	212AHV	$ 257.21
Angle Hose Valve Cap	2½" / DN65	212HC	$ 37.10

Proportioning Devices

Concentrate Controllers

IPG V302

Part Number	Description	List Price
F20282A	2" Grooved Controller, AFFF 1%S C6, (50 GPM - 311 GPM)	$ 1,385.62
F20282B	2" Grooved Controller, AFFF 3%S C6, (50 GPM - 311 GPM)	$ 1,385.62
F20282J	2" Grooved Controller, ARC 3%J, (100 GPM FM/102 GPM UL - 310 GPM)	$ 1,385.62
F20282M	2" Grooved Controller, AFFF 3%M C6 Mil-Spec, (50 GPM - 311 GPM)	$ 1,385.62
F20162A	2.5" Grooved Controller, AFFF 1%S C6, (50 GPM - 475 GPM)	$ 2,134.78
F20162B	2.5" Grooved Controller, AFFF 3%S C6, (50 GPM - 475 GPM)	$ 2,134.78
F20162J	2.5" Grooved Controller, ARC 3%J C6, (160 GPM FM/165 GPM UL - 475 GPM)	$ 2,134.78
F20162M	2.5" Grooved Controller, AFFF 3%M C6 Mil-Spec, (50 GPM - 475 GPM)	$ 2,134.78
F20152A	3" Grooved Controller, AFFF 1%S C6, (50 GPM - 750 GPM)	$ 2,336.71
F20152B	3" Grooved Controller, AFFF 3%S C6, (50 GPM - 750 GPM)	$ 2,336.71
F20152J	3" Grooved Controller, ARC 3%J C6, (300 GPM - 750 GPM)	$ 2,336.71
F20152M	3" Grooved Controller, AFFF 3%M C6 Mil-Spec, (50 GPM - 750 GPM)	$ 2,336.71
F20217A	4" Grooved Controller, AFFF 1%S C6, (50 GPM - 1250 GPM)	$ 2,708.89
F20217B	4" Grooved Controller, AFFF 3%S C6, (50 GPM - 1250 GPM)	$ 2,708.89
F20217J	4" Grooved Controller, ARC 3%J C6, (50 GPM - 1250 GPM)	$ 2,708.89
F20217M	4" Grooved Controller, AFFF 3%M C6 Mil-Spec, (400 GPM - 475 GPM)	$ 2,708.89
F20214A	6" Grooved Controller, AFFF 1%S C6, (140 GPM - 2300 GPM)	$ 3,902.84
F20214B	6" Grooved Controller, AFFF 3%S C6, (70 GPM - 2300 GPM)	$ 3,902.84
F20214J	6" Grooved Controller, ARC 3%J C6, (750 GPM - 2300 GPM)	$ 3,902.84
F20214M	6" Grooved Controller, AFFF 3%M C6 Mil-Spec, (70 GPM - 2300 GPM)	$ 3,902.84
F20137A	8" Grooved Controller, AFFF 1%S C6, (200 GPM - 4500 GPM)	$ 6,430.25
F20137B	8" Grooved Controller, AFFF 3%S C6, (70 GPM - 4500 GPM)	$ 6,430.25
F20137J	8" Grooved Controller, ARC 3%J C6, (1400 GPM - 4500 GPM)	$ 6,430.25
F20137M	8" Grooved Controller, AFFF 3%M C6 Mil-Spec, (70 GPM - 4500 GPM)	$ 6,430.25

In-Line Balanced Proportioners (ILBPs)

IPG V303

Part Number	Description	List Price
F20316A	3" ILBP 1%S AFFF, (50 GPM - 750 GPM)	$ 13,394.34
F20316B	3" ILBP 3% AFFF, (100 GPM - 750 GPM)	$ 13,394.34
F20316J	3" ILBP 3% AR-AFFF, (200 GPM - 750 GPM)	$ 13,394.34
F20316M	3" ILBP 3% Mil Spec, (50 GPM - 750 GPM)	$ 13,394.34
F20317A	4" ILBP 1%S AFFF, (500 GPM FM/250 GPM UL - 1250 GPM)	$ 14,318.09
F20317B	4" ILBP 3% AFFF, (400 GPM - 1250 GPM)	$ 14,318.09
F20317J	4" ILBP 3% AR-AFFF, (450 GPM FM/400 GPM UL - 1250 GPM)	$ 14,318.09
F20317M	4" ILBP 3% Mil Spec, (400 GPM - 1250 GPM)	$ 14,318.09
F20184A	6" ILBP 1%S AFFF, (500 GPM - 2300 GPM)	$ 16,396.51
F20184B	6" ILBP 3% AFFF, (600 GPM - 2300 GPM)	$ 16,396.51
F20184J	6" ILBP 3% AR-AFFF, (850 GPM - 2300 GPM)	$ 16,396.51
F20184M	6" ILBP 3% Mil Spec, (600 GPM - 2300 GPM)	$ 16,396.51
F20185A	8" ILBP 1%S AFFF, (1550 GPM FM/1300 GPM UL - 4500 GPM)	$ 18,013.07
F20185B	8" ILBP 3% AFFF, (1300 GPM - 4500 GPM)	$ 18,013.07
F20185J	8" ILBP 3% AR-AFFF, (1553 GPM FM/1634 GPM UL - 4500 GPM)	$ 18,013.07
F20185M	8" ILBP 3% Mil Spec, (1300 GPM - 4500 GPM)	$ 18,013.07

Proportioning Devices (continued)

BFZ Between Flange Inductor

IPG V304

Part Number	Description	List Price
F15922	4" BFZ Inductor, (145 GPM - 872 GPM)	$13,242.90
F15923	6" BFZ Inductor, (291 GPM - 1744 GPM)	$24,745.10
F15924	8" BFZ Inductor, (436 GPM - 2615 GPM)	$35,863.94
F15925	8"S BFZ Inductor, (436 GPM - 4359 GPM)	$40,666.50

FomTec Inductor requirements prior to order:

1) Required flow rate
2) Required pressure at the inlet of the inductor
3) Required pressure at the outlet of the inductor
4) Centerline of foam inlet above the bottom of atmospheric storage tank
5) Type of foam concentrate

Hand Line Eductors

IPG V304

Part Number	Description	List Price
F20963	1-1/2" FE 90 FP 6% UL, 95 GPM	$2,335.20
F20964	1-1/2" FE 90 FP 3% UL, 95 GPM	$2,335.20
F20961	1-1/2" FE 90 ARC 3X3S, 95 GPM	$2,335.20
F20962	1-1/2" FE 90 AFFF 1%S, 95 GPM	$2,335.20
F09181	1-1/2" FE 90 AFFF 3%S , 95 GPM	$2,335.20

Eductors are supplied with a metering orifice and nozzle configuration based upon the information received at order state. Pick-up Tube with check valve is also included.

Discharge Devices

Viking GN201 Grate Nozzle® — ***IPG V307***

Part Number	Description	List Price
F21949	GN201, 360° Pattern, Grooved, 26" Grate Nozzle*, UL/FM, AFFF 1%S	$ 7,176.27
	GN201, 360° Pattern, Grooved, 26" Grate Nozzle*, UL/FM, AFFF 3%S	$ 7,176.27
	GN201, 360° Pattern, Grooved, 26" Grate Nozzle*, UL/FM, AFFF 3%M Mil-Spec	$ 7,176.27
F21996	GN201, 360° Pattern, Grooved, 20" Grate Nozzle*, UL/FM, AFFF 1%S	$ 7,176.27
	GN201, 360° Pattern, Grooved, 20" Grate Nozzle*, UL/FM, AFFF 3%S	$ 7,176.27
	GN201, 360° Pattern, Grooved, 20" Grate Nozzle*, UL/FM, AFFF 3%M Mil-Spec	$ 7,176.27
F21948	GN201, 180° Pattern, Grooved, 26" Grate Nozzle*, UL/FM, AFFF 1%S	$ 7,176.27
	GN201, 180° Pattern, Grooved, 26" Grate Nozzle*, UL/FM, AFFF 3%S	$ 7,176.27
	GN201, 180° Pattern, Grooved, 26" Grate Nozzle*, UL/FM, AFFF 3%M Mil-Spec	$ 7,176.27
F21995	GN201, 180° Pattern, Grooved, 20" Grate Nozzle*, UL/FM, AFFF 1%S	$ 7,176.27
	GN201, 180° Pattern, Grooved, 20" Grate Nozzle*, UL/FM, AFFF 3%S	$ 7,176.27
	GN201, 180° Pattern, Grooved, 20" Grate Nozzle*, UL/FM, AFFF 3%M Mil-Spec	$ 7,176.27
F21947	GN201, 90° Pattern, Grooved, 26" Grate Nozzle*, UL/FM, AFFF 1%S	$ 7,176.27
	GN201, 90° Pattern, Grooved, 26" Grate Nozzle*, UL/FM, AFFF 3%S	$ 7,176.27
	GN201, 90° Pattern, Grooved, 26" Grate Nozzle*, UL/FM, AFFF 3%M Mil-Spec	$ 7,176.27
F21994	GN201, 90° Pattern, Grooved, 20" Grate Nozzle*, UL/FM, AFFF 1%S	$ 7,176.27
	GN201, 90° Pattern, Grooved, 20" Grate Nozzle*, UL/FM, AFFF 3%S	$ 7,176.27
	GN201, 90° Pattern, Grooved, 20" Grate Nozzle*, UL/FM, AFFF 3%M Mil-Spec	$ 7,176.27
F22018	GN201, 360° Pattern, Grooved, 555 mm Grate Nozzle*, UL/FM, AFFF 1%S	$ 7,176.27
	GN201, 360° Pattern, Grooved, 555 mm Grate Nozzle*, UL/FM, AFFF 3%S	$ 7,176.27
	GN201, 360° Pattern, Grooved, 555 mm Grate Nozzle*, UL/FM, AFFF 3%M Mil-Spec	$ 7,176.27
F22017	GN201, 180° Pattern, Grooved, 555 mm Grate Nozzle*, UL/FM, AFFF 1%S	$ 7,176.27
	GN201, 180° Pattern, Grooved, 555 mm Grate Nozzle*, UL/FM, AFFF 3%S	$ 7,176.27
	GN201, 180° Pattern, Grooved, 555 mm Grate Nozzle*, UL/FM, AFFF 3%M Mil-Spec	$ 7,176.27
F22016	GN201, 90° Pattern, Grooved, 555 mm Grate Nozzle*, UL/FM, AFFF 1%S	$ 7,176.27
	GN201, 90° Pattern, Grooved, 555 mm Grate Nozzle*, UL/FM, AFFF 3%S	$ 7,176.27
	GN201, 90° Pattern, Grooved, 555 mm Grate Nozzle*, UL/FM, AFFF 3%M Mil-Spec	$ 7,176.27

Strainers are to be Stainless Steel with a mesh screen no greater than 1/8" perforation.

Viking GN200 Grate Nozzle® — ***IPG V307***

Part Number	Description	List Price
F02012	GN200, 360° Pattern, Grooved, 26" Grate Nozzle*, UL, AFFF 1%S	$ 7,535.09
	GN200, 360° Pattern, Grooved, 26" Grate Nozzle*, UL, AFFF 3%S	$ 7,535.09
	GN200, 360° Pattern, Grooved, 26" Grate Nozzle*, UL, AFFF 3%M Mil-Spec	$ 7,535.09
F02022	GN200, 360° Pattern, Grooved, 20" Grate Nozzle*, UL, AFFF 1%S	$ 7,535.09
	GN200, 360° Pattern, Grooved, 20" Grate Nozzle*, UL, AFFF 3%S	$ 7,535.09
	GN200, 360° Pattern, Grooved, 20" Grate Nozzle*, UL, AFFF 3%M Mil-Spec	$ 7,535.09
F13689	GN200, 180° Pattern, Grooved, 26" Grate Nozzle*, UL, AFFF 1%S	$ 7,176.27
	GN200, 180° Pattern, Grooved, 26" Grate Nozzle*, UL, AFFF 3%S	$ 7,176.27
	GN200, 180° Pattern, Grooved, 26" Grate Nozzle*, UL, AFFF 3%M Mil-Spec	$ 7,176.27
F13690	GN200, 180° Pattern, Grooved, 20" Grate Nozzle*, UL, AFFF 1%S	$ 7,176.27
	GN200, 180° Pattern, Grooved, 20" Grate Nozzle*, UL, AFFF 3%S	$ 7,176.27
	GN200, 180° Pattern, Grooved, 20" Grate Nozzle*, UL, AFFF 3%M Mil-Spec	$ 7,176.27
F13686	GN200, 90° Pattern, Grooved, 26" Grate Nozzle*, UL, AFFF 1%S	$ 7,176.27
	GN200, 90° Pattern, Grooved, 26" Grate Nozzle*, UL, AFFF 3%S	$ 7,176.27
	GN200, 90° Pattern, Grooved, 26" Grate Nozzle*, UL, AFFF 3%M Mil-Spec	$ 7,176.27
F13687	GN200, 90° Pattern, Grooved 360° Pattern - Grooved - 26" Grate Nozzle*	$ 7,176.27
	GN200, 90° Pattern, Grooved 360° Pattern - Grooved - 20" Grate Nozzle*	$ 7,176.27
	GN200, 90° Pattern, Grooved 180° Pattern - Grooved - 26" Grate Nozzle*	$ 7,176.27

Strainers are to be Stainless Steel with a mesh screen no greater than 1/16" perforation.

* 11 inch width

Discharge Devices *(continued)*

Foam Chambers — *IPG V305*

Part Number	Description		List Price
F20904	2.5” Foam Chamber	Carbon Steel	$ 2,665.15
F20941	Split Deflector	Carbon Steel	$ 269.13
F20937	Solid Deflector	Carbon Steel	$ 269.13
F20919	Mounting flange with studs	Carbon Steel	$ 460.35
F20906	2.5” Foam Chamber	Stainless Steel 316	$ 7,943.12
F20942	Split Deflector	Stainless Steel 316	$ 807.39
F20938	Solid Deflector	Stainless Steel 316	$ 807.39
F20921	Mounting flange with studs	Stainless Steel 316	$ 1,381.03
F21203	3” Foam Chamber	Carbon Steel	$ 3,119.43
F21169	Split Deflector	Carbon Steel	$ 345.18
F21157	Solid Deflector	Carbon Steel	$ 345.18
F21181	Mounting flange with studs	Carbon Steel	$ 531.71
F21205	3” Foam Chamber	Stainless Steel 316	$ 9,220.62
F21170	Split Deflector	Stainless Steel 316	$ 1,035.58
F21158	Solid Deflector	Stainless Steel 316	$ 1,035.58
F21183	Mounting flange with studs	Stainless Steel 316	$ 1,595.12
F21207	4” Foam Chamber	Carbon Steel	$ 3,427.80
F21173	Split Deflector	Carbon Steel	$ 404.40
F21161	Solid Deflector	Carbon Steel	$ 404.40
F21185	Mounting flange with studs	Carbon Steel	$ 586.60
F21209	4” Foam Chamber	Stainless Steel 316	$ 11,615.95
F21174	Split Deflector	Stainless Steel 316	$ 1,213.19
F21162	Solid Deflector	Stainless Steel 316	$ 1,213.19
F21187	Mounting flange with studs	Stainless Steel 316	$ 1,759.88
F21211	6” Foam Chamber	Carbon Steel	$ 4,922.81
F21177	Split Deflector	Carbon Steel	$ 446.99
F21165	Solid Deflector	Carbon Steel	$ 446.99
F21189	Mounting flange with studs	Carbon Steel	$ 836.24
F21213	6” Foam Chamber	Stainless Steel 316	$ 17,543.69
F21178	Split Deflector	Stainless Steel 316	$ 1,340.96
F21166	Solid Deflector	Stainless Steel 316	$ 1,340.96
F21191	Mounting flange with studs	Stainless Steel 316	$ 3,624.60

Foam Makers and Foam Pourers — *IPG V306*

Part Number	Description	List Price
F21216	1-1/2" Foam Maker ANSI	$ 910.78
F21218	1-1/2" Foam Maker ANSI SS	$ 2,732.34
F21221	2-1/2" Foam Maker ANSI	$ 1,562.78
F21223	2-1/2" Foam Maker ANSI SS	$ 4,688.33
F21226	3" Foam Maker ANSI	$ 1,895.50
F21228	3" Foam Maker ANSI SS	$ 5,686.50
F21231	4" Foam Maker ANSI	$ 2,527.33
F21233	4" Foam Maker ANSI SS	$ 7,581.99

Part Number	Description	List Price
F21255	1.5"/2.5" Foam Pourer ANSI	$ 403.30
F21257	1.5"/2.5" Foam Pourer ANSI SST	$ 1,209.89
F21259	3" Foam Pourer ANSI	$ 504.13
F21261	3" Foam Pourer ANSI SST	$ 1,512.37
F21263	4" Foam Pourer ANSI	$ 655.36
F21265	4" Foam Pourer ANSI SST	$ 1,966.08

Discharge Devices *(continued)*

Bladder Tank Foam Hose Station ***IPG V305***

Part Number	Description	List Price
VFS0036HA	36 Gallon Bladder Tank Foam Station w/Hose for AFFF 1%S	P.O.A.
VFS0036HB	36 Gallon Bladder Tank Foam Station w/Hose for AFFF 3%S	P.O.A.

Approved Sprinklers for use with Foam Concentrates

Viking Pendent and Upright Foam-Water Sprinklers are non-aspirated foam discharge outlets for use in Wet, Deluge and Preaction Systems

Refer to Page F_091316 for listing of sprinklers that are UL Listed and FM Approved.
http://www.vikinggroupinc.com/sites/default/files/documents/091316.pdf

Foam Bladder Tanks

Vertical Bladder Tanks		IPG V301
Capacity	**Part Number**	**List Price**
25 Gallon	VFTV0025U	$ 24,281.00
36 Gallon	VFTV0036U	$ 25,277.72
50 Gallon	VFTV0050U	$ 29,265.15
75 Gallon	VFTV0075U	$ 31,464.52
100 Gallon	VFTV0100U	$ 32,201.44
150 Gallon	VFTV0150U	$ 36,172.58
200 Gallon	VFTV0200U	$ 39,634.26
250 Gallon	VFTV0250U	$ 40,842.02
300 Gallon	VFTV0300U	$ 43,438.09
350 Gallon	VFTV0350U	$ 47,962.65
400 Gallon	VFTV0400U	$ 50,861.29
450 Gallon	VFTV0450U	$ 52,177.44
500 Gallon	VFTV0500U	$ 54,734.11
600 Gallon	VFTV0600U	$ 59,238.99
700 Gallon	VFTV0700U	$ 63,850.93
800 Gallon	VFTV0800U	$ 71,343.12
900 Gallon	VFTV0900U	$ 74,785.45
1000 Gallon	VFTV1000U	$ 85,939.19
1100 Gallon	VFTV1100U	$ 91,574.67
1200 Gallon	VFTV1200U	$ 92,341.96
1300 Gallon	VFTV1300U	$ 99,008.39
1400 Gallon	VFTV1400U	$ 104,505.98
1500 Gallon	VFTV1500U	$ 107,368.62
1600 Gallon	VFTV1600U	$ 113,532.64
1700 Gallon	VFTV1700U	$ 115,372.24
1800 Gallon	VFTV1800U	$ 118,592.96
1900 Gallon	VFTV1900U	$ 120,797.77
2000 Gallon	VFTV2000U	$ 123,002.63
2200 Gallon	VFTV2200U	$ 146,895.91
2400 Gallon	VFTV2400U	$ 153,791.18
2600 Gallon	VFTV2600U	$ 160,948.35
2800 Gallon	VFTV2800U	$ 167,765.25
3000 Gallon	VFTV3000U	$ 173,395.23
3200 Gallon	VFTV3200U	$ 181,088.44
3400 Gallon	VFTV3400U	$ 187,895.63
3600 Gallon	VFTV3600U	$ 191,429.09
3800 Gallon	VFTV3800U	$ 195,739.77
4000 Gallon	VFTV4000U	$ 202,127.50

Horizontal Bladder Tanks		IPG V301
Capacity	**Part Number**	**List Price**
50 Gallon	VFTH0050U	$ 33,572.54
75 Gallon	VFTH0075U	$ 34,207.16
100 Gallon	VFTH0100U	$ 35,584.12
150 Gallon	VFTH0150U	$ 39,530.41
200 Gallon	VFTH0200U	$ 42,109.08
250 Gallon	VFTH0250U	$ 46,207.45
300 Gallon	VFTH0300U	$ 47,345.49
350 Gallon	VFTH0350U	$ 50,560.08
400 Gallon	VFTH0400U	$ 53,433.11
450 Gallon	VFTH0450U	$ 56,076.79
500 Gallon	VFTH0500U	$ 58,019.61
600 Gallon	VFTH0600U	$ 60,918.53
700 Gallon	VFTH0700U	$ 69,977.56
800 Gallon	VFTH0800U	$ 75,485.63
900 Gallon	VFTH0900U	$ 79,679.25
1000 Gallon	VFTH1000U	$ 85,726.92
1100 Gallon	VFTH1100U	$ 89,047.87
1200 Gallon	VFTH1200U	$ 94,652.47
1300 Gallon	VFTH1300U	$ 104,480.09
1400 Gallon	VFTH1400U	$ 107,014.94
1500 Gallon	VFTH1500U	$ 110,572.23
1600 Gallon	VFTH1600U	$ 111,980.70
1700 Gallon	VFTH1700U	$ 116,103.68
1800 Gallon	VFTH1800U	$ 120,978.20
1900 Gallon	VFTH1900U	$ 128,539.44
2000 Gallon	VFTH2000U	$ 146,740.37
2200 Gallon	VFTH2200U	$ 154,436.19
2400 Gallon	VFTH2400U	$ 161,712.90
2600 Gallon	VFTH2600U	$ 167,222.21
2800 Gallon	VFTH2800U	$ 174,571.75
3000 Gallon	VFTH3000U	$ 183,809.90
3200 Gallon	VFTH3200U	$ 192,279.06
3400 Gallon	VFTH3400U	$ 198,734.77
3600 Gallon	VFTH3600U	$ 202,576.47
3800 Gallon	VFTH3800U	$ 207,758.86
4000 Gallon	VFTH4000U	$ 213,802.77
4250 Gallon	VFTH4250U	$ 221,956.36
4500 Gallon	VFTH4500U	$ 227,297.13
4750 Gallon	VFTH4750U	$ 232,635.78
5000 Gallon	VFTH5000U	$ 237,978.69
5250 Gallon	VFTH5250U	$ 243,316.34

* Bladder tank assemblies include water drain/fill valve, fill line master shut-off valve, concentrate drain/fill valve, fill cup, sight gauge shut-off valve, sight gauge assembly, tank water vent valve, and diaphragm concentrate vent valve.

Double Wall (SAFE) Atmospheric Storage Tanks

Top Discharge Double Wall (SAFE) Atmospheric Storage Tanks — **IPG V311**

These SAFE Atmospheric Storage Tanks are for use with the BFZ Inductor type foam systems or Foam Pump Systems

Part Number	Description	List Price
F20396A1123	105 Gallon SAFE Atmospheric Storage Tank w/1-1/2" fittings & level indicator	$12,337.74
F20396B23	105 Gallon SAFE Atmospheric Storage Tank w/2" fittings & level indicator	$12,280.66
F20396C2123	105 Gallon SAFE Atmospheric Storage Tank w/2-1/2" fittings & level indicator	$14,084.95
F20396D33	105 Gallon SAFE Atmospheric Storage Tank w/3" fittings & level indicator	$13,979.97
F20003A1123	160 Gallon SAFE Atmospheric Storage Tank w/1-1/2" fittings & level indicator	$13,261.97
F20003B23	160 Gallon SAFE Atmospheric Storage Tank w/2" fittings & level indicator	$13,204.90
F20003C2123	160 Gallon SAFE Atmospheric Storage Tank w/2-1/2" fittings & level indicator	$15,009.19
F20003D33	160 Gallon SAFE Atmospheric Storage Tank w/3" fittings & level indicator	$14,904.21
F22240A1123	250 Gallon SAFE Atmospheric Storage Tank w/1-1/2" fittings & level indicator	$13,094.53
F22240B23	250 Gallon SAFE Atmospheric Storage Tank w/2" fittings & level indicator	$13,115.73
F22240C2123	250 Gallon SAFE Atmospheric Storage Tank w/2-1/2" fittings & level indicator	$14,582.07
F22240D33	250 Gallon SAFE Atmospheric Storage Tank w/3" fittings & level indicator	$14,645.67
F20004A1123	405 Gallon SAFE Atmospheric Storage Tank w/1-1/2" fittings & level indicator	$14,007.86
F20004B23	405 Gallon SAFE Atmospheric Storage Tank w/2" fittings & level indicator	$13,950.78
F20004C2123	405 Gallon SAFE Atmospheric Storage Tank w/2-1/2" fittings & level indicator	$15,755.07
F20004D33	405 Gallon SAFE Atmospheric Storage Tank w/3" fittings & level indicator	$15,650.09
F20005A1123	540 Gallon SAFE Atmospheric Storage Tank w/1-1/2" fittings & level indicator	$18,739.75
F20005B23	540 Gallon SAFE Atmospheric Storage Tank w/2" fittings & level indicator	$18,682.67
F20005C2123	540 Gallon SAFE Atmospheric Storage Tank w/2-1/2" fittings & level indicator	$20,454.54
F20005D33	540 Gallon SAFE Atmospheric Storage Tank w/3" fittings & level indicator	$20,349.55
F20014A1123	750 Gallon SAFE Atmospheric Storage Tank w/1-1/2" fittings & level indicator	$22,791.11
F20014B23	750 Gallon SAFE Atmospheric Storage Tank w/2" fittings & level indicator	$22,734.03
F20014C2123	750 Gallon SAFE Atmospheric Storage Tank w/2-1/2" fittings & level indicator	$24,791.63
F20014D33	750 Gallon SAFE Atmospheric Storage Tank w/3" fittings & level indicator	$24,686.64
F20006A1123	1000 Gallon SAFE Atmospheric Storage Tank w/1-1/2" fittings & level indicator	$24,278.71
F20006B23	1000 Gallon SAFE Atmospheric Storage Tank w/2" fittings & level indicator	$24,221.64
F20006C2123	1000 Gallon SAFE Atmospheric Storage Tank w/2-1/2" fittings & level indicator	$25,993.50
F20006D33	1000 Gallon SAFE Atmospheric Storage Tank w/3" fittings & level indicator	$25,888.52
F20007A1123	1550 Gallon SAFE Atmospheric Storage Tank w/1-1/2" fittings & level indicator	$27,083.88
F20007B23	1550 Gallon SAFE Atmospheric Storage Tank w/2" fittings & level indicator	$27,026.80
F20007C2123	1550 Gallon SAFE Atmospheric Storage Tank w/2-1/2" fittings & level indicator	$28,798.65
F20007D33	1550 Gallon SAFE Atmospheric Storage Tank w/3" fittings & level indicator	$28,693.67
F20008A1123	2500 Gallon SAFE Atmospheric Storage Tank w/1-1/2" fittings & level indicator	$39,919.49
F20008B23	2500 Gallon SAFE Atmospheric Storage Tank w/2" fittings & level indicator	$39,862.42
F20008C2123	2500 Gallon SAFE Atmospheric Storage Tank w/2-1/2" fittings & level indicator	$41,348.90
F20008D33	2500 Gallon SAFE Atmospheric Storage Tank w/3" fittings & level indicator	$41,243.92
F20009A1123	3150 Gallon SAFE Atmospheric Storage Tank w/1-1/2" fittings & level indicator	$45,319.02
F20009B23	3150 Gallon SAFE Atmospheric Storage Tank w/2" fittings & level indicator	$45,261.94
F20009C2123	3150 Gallon SAFE Atmospheric Storage Tank w/2-1/2" fittings & level indicator	$46,748.42
F20009D33	3150 Gallon SAFE Atmospheric Storage Tank w/3" fittings & level indicator	$46,643.44
F20010A1123	4400 Gallon SAFE Atmospheric Storage Tank w/1-1/2" fittings & level indicator	$60,830.08
F20010B23	4400 Gallon SAFE Atmospheric Storage Tank w/2" fittings & level indicator	$60,773.00
F20010C2123	4400 Gallon SAFE Atmospheric Storage Tank w/2-1/2" fittings & level indicator	$62,259.48
F20010D33	4400 Gallon SAFE Atmospheric Storage Tank w/3" fittings & level indicator	$62,154.50
F20011A1123	5400 Gallon SAFE Atmospheric Storage Tank w/1-1/2" fittings & level indicator	$66,471.90
F20011B23	5400 Gallon SAFE Atmospheric Storage Tank w/2" fittings & level indicator	$66,040.97
F20011C2123	5400 Gallon SAFE Atmospheric Storage Tank w/2-1/2" fittings & level indicator	$67,902.23
F20011D33	5400 Gallon SAFE Atmospheric Storage Tank w/3" fittings & level indicator	$67,797.25
F20397A1123	6550 Gallon SAFE Atmospheric Storage Tank w/1-1/2" fittings & level indicator	$73,811.93
F20397B23	6550 Gallon SAFE Atmospheric Storage Tank w/2" fittings & level indicator	$73,754.80
F20397C2123	6550 Gallon SAFE Atmospheric Storage Tank w/2-1/2" fittings & level indicator	$75,242.78
F20397D33	6550 Gallon SAFE Atmospheric Storage Tank w/3" fittings & level indicator	$75,137.71
F20013A1123	8700 Gallon SAFE Atmospheric Storage Tank w/1-1/2" fittings & level indicator	$101,577.83
F20013B23	8700 Gallon SAFE Atmospheric Storage Tank w/2" fittings & level indicator	$101,520.75
F20013C2123	8700 Gallon SAFE Atmospheric Storage Tank w/2-1/2" fittings & level indicator	$103,007.23
F20013D33	8700 Gallon SAFE Atmospheric Storage Tank w/3" fittings & level indicator	$102,902.25

Above tanks include Primary Tank, Containment Tank, Lid/Manway, Drop Tube Suction Connection, Drop Tube Fill Connection, Pressure Vacuum Vent and Reverse Level Float Gauge

Single Wall Atmospheric Storage Tanks

Single Wall Vertical Atmospheric Storage Tanks (Top Discharge Connections) — **IPG V312**

These Atmospheric Storage Tanks are for use with the BFZ Inductor type foam systems or Foam Pump Systems

Part Number	Description	List Price
100GVERT2TC	100 Gallon Single Wall Atmospheric Storage Tank w/2" fittings & level indicator	$ 8,354.87
100GVERT212TC	100 Gallon Single Wall Atmospheric Storage Tank w/2-1/2" fittings & level indicator	$ 11,256.04
155GVERT2TC	155 Gallon Single Wall Atmospheric Storage Tank w/2" fittings & level indicator	$ 8,397.91
155GVERT212TC	155 Gallon Single Wall Atmospheric Storage Tank w/2-1/2" fittings & level indicator	$ 11,299.09
205GVERT2TC	205 Gallon Single Wall Atmospheric Storage Tank w/2" fittings & level indicator	$ 9,603.14
205GVERT212TC	205 Gallon Single Wall Atmospheric Storage Tank w/2-1/2" fittings & level indicator	$ 12,504.32
300GVERT2TC	300 Gallon Single Wall Atmospheric Storage Tank w/2" fittings & level indicator	$ 9,753.80
300GVERT212TC	300 Gallon Single Wall Atmospheric Storage Tank w/2-1/2" fittings & level indicator	$ 12,654.98
400GVERT2TC	400 Gallon Single Wall Atmospheric Storage Tank w/2" fittings & level indicator	$ 11,604.69
400GVERT212TC	400 Gallon Single Wall Atmospheric Storage Tank w/2-1/2" fittings & level indicator	$ 14,505.87
540GVERT2TC	540 Gallon Single Wall Atmospheric Storage Tank w/2" fittings & level indicator	$ 11,148.43
540GVERT212TC	540 Gallon Single Wall Atmospheric Storage Tank w/2-1/2" fittings & level indicator	$ 14,049.60
615GVERT2TC	615 Gallon Single Wall Atmospheric Storage Tank w/2" fittings & level indicator	$ 14,656.53
615GVERT212TC	615 Gallon Single Wall Atmospheric Storage Tank w/2-1/2" fittings & level indicator	$ 17,557.70
755GVERT2TC	755 Gallon Single Wall Atmospheric Storage Tank w/2" fittings & level indicator	$ 15,086.97
755GVERT212TC	755 Gallon Single Wall Atmospheric Storage Tank w/2-1/2" fittings & level indicator	$ 17,988.14
805GVERT2TC	805 Gallon Single Wall Atmospheric Storage Tank w/2" fittings & level indicator	$ 14,441.31
805GVERT212TC	805 Gallon Single Wall Atmospheric Storage Tank w/2-1/2" fittings & level indicator	$ 17,342.48
905GVERT2TC	905 Gallon Single Wall Atmospheric Storage Tank w/2" fittings & level indicator	$ 14,635.00
905GVERT212TC	905 Gallon Single Wall Atmospheric Storage Tank w/2-1/2" fittings & level indicator	$ 17,536.17
1000GVERT2TC	1000 Gallon Single Wall Atmospheric Storage Tank w/2" fittings & level indicator	$ 15,801.49
1000GVERT212TC	1000 Gallon Single Wall Atmospheric Storage Tank w/2-1/2" fittings & level indicator	$ 18,341.10
1150GVERT2TC	1150 Gallon Single Wall Atmospheric Storage Tank w/2" fittings & level indicator	$ 15,026.70
1150GVERT212TC	1150 Gallon Single Wall Atmospheric Storage Tank w/2-1/2" fittings & level indicator	$ 17,566.31

Above tanks include Tank, Lid/Manway, Drop Tube Suction Connection, Drop Tube Fill Connection, Vent and Ultrasonic Level Indicator

Single Wall Vertical Atmospheric Storage Tanks (Side Connections) — **IPG V312**

These Atmospheric Storage Tanks are for use with the BFZ Inductor type foam systems or Foam Pump Systems

Part Number	Description	List Price
100GVERT2SC	100 Gallon Single Wall Atmospheric Storage Tank w/2" fittings & level indicator	$ 14,932.01
100GVERT212SC	100 Gallon Single Wall Atmospheric Storage Tank w/2-1/2" fittings & level indicator	$ 19,494.68
155GVERT2SC	155 Gallon Single Wall Atmospheric Storage Tank w/2" fittings & level indicator	$ 14,975.05
155GVERT212SC	155 Gallon Single Wall Atmospheric Storage Tank w/2-1/2" fittings & level indicator	$ 19,537.72
205GVERT2SC	205 Gallon Single Wall Atmospheric Storage Tank w/2" fittings & level indicator	$ 16,180.28
205GVERT212SC	205 Gallon Single Wall Atmospheric Storage Tank w/2-1/2" fittings & level indicator	$ 20,742.97
300GVERT2SC	300 Gallon Single Wall Atmospheric Storage Tank w/2" fittings & level indicator	$ 16,330.94
300GVERT212SC	300 Gallon Single Wall Atmospheric Storage Tank w/2-1/2" fittings & level indicator	$ 20,893.61
400GVERT2SC	400 Gallon Single Wall Atmospheric Storage Tank w/2" fittings & level indicator	$ 18,181.83
400GVERT212SC	400 Gallon Single Wall Atmospheric Storage Tank w/2-1/2" fittings & level indicator	$ 22,744.52
540GVERT2SC	540 Gallon Single Wall Atmospheric Storage Tank w/2" fittings & level indicator	$ 17,725.57
540GVERT212SC	540 Gallon Single Wall Atmospheric Storage Tank w/2-1/2" fittings & level indicator	$ 22,288.25
615GVERT2SC	615 Gallon Single Wall Atmospheric Storage Tank w/2" fittings & level indicator	$ 21,233.67
615GVERT212SC	615 Gallon Single Wall Atmospheric Storage Tank w/2-1/2" fittings & level indicator	$ 25,796.35
755GVERT2SC	755 Gallon Single Wall Atmospheric Storage Tank w/2" fittings & level indicator	$ 21,664.11
755GVERT212SC	755 Gallon Single Wall Atmospheric Storage Tank w/2-1/2" fittings & level indicator	$ 26,226.79
805GVERT2SC	805 Gallon Single Wall Atmospheric Storage Tank w/2" fittings & level indicator	$ 21,018.45
805GVERT212SC	805 Gallon Single Wall Atmospheric Storage Tank w/2-1/2" fittings & level indicator	$ 25,581.13
905GVERT2SC	905 Gallon Single Wall Atmospheric Storage Tank w/2" fittings & level indicator	$ 21,212.14
905GVERT212SC	905 Gallon Single Wall Atmospheric Storage Tank w/2-1/2" fittings & level indicator	$ 25,774.82
1000GVERT2SC	1000 Gallon Single Wall Atmospheric Storage Tank w/2" fittings & level indicator	$ 22,378.65
1000GVERT212SC	1000 Gallon Single Wall Atmospheric Storage Tank w/2-1/2" fittings & level indicator	$ 26,579.75
1150GVERT2SC	1150 Gallon Single Wall Atmospheric Storage Tank w/2" fittings & level indicator	$ 21,603.85
1150GVERT212SC	1150 Gallon Single Wall Atmospheric Storage Tank w/2-1/2" fittings & level indicator	$ 25,804.95

Above tanks include Tank, Lid/Manway, Side Drain Connection, Side Suction Flexible Connection, Side Return Flexible Connection, Top Fill Connection, Pressure Vacuum Vent and Reverse Float Level Gauge

Atmospheric Storage Tank Options

Double Wall (SAFE) Atmospheric Storage Tank Options — IPG V311

Options			
F20015	105 Gallon SAFE Tank, Seismic Restraint	$	2,053.72
F20016	160 Gallon SAFE Tank, Seismic Restraint	$	2,069.49
F20017	405 Gallon SAFE Tank, Seismic Restraint	$	2,077.37
F20018	540 Gallon SAFE Tank, Seismic Restraint	$	2,633.17
F20019	1000 Gallon SAFE Tank, Seismic Restraint	$	3,291.46
F20020	1550 Gallon SAFE Tank, Seismic Restraint	$	3,405.78
F20021	2500 Gallon SAFE Tank, Seismic Restraint	$	4,083.79
F20022	3150 Gallon SAFE Tank, Seismic Restraint	$	4,075.90
F20023	4400 Gallon SAFE Tank, Seismic Restraint	$	4,091.67
F20024	5400 Gallon SAFE Tank, Seismic Restraint	$	5,467.38
F20398	6550 Gallon SAFE Tank, Seismic Restraint	$	6,141.45
F20026	8700 Gallon SAFE Tank, Seismic Restraint	$	7,891.64
F20027	6' Ladder for 1000 Gallon Tank	$	3,255.99
F20028	7' Ladder for 1550 Gallon & 3150 Gallon Tank	$	3,499.46
F20029	10' Ladder for 2500 Gallon, 4400 Gallon, & 5400 Gallon Tank	$	3,311.18
F20399	14' Ladder for 6650 Gallon Tank	$	4,914.82
F20031	15' Ladder for 8700 Gallon Tank	$	5,161.54
F20032	Export Skid Packaging w/Heat Treated Skid	$	463.75

Single Wall Atmospheric Storage Tank Options — IPG V312

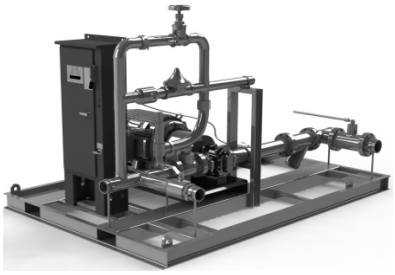
Options			
105GVERTSEISMIC	105 Gallon Single Wall Tank, Seismic Restraint	$	2,733.61
155GVERTSEISMIC	155 Gallon Single Wall Tank, Seismic Restraint	$	2,247.51
205GVERTSEISMIC	205 Gallon Single Wall Tank, Seismic Restraint	$	2,090.71
300GVERTSEISMIC	300 Gallon Single Wall Tank, Seismic Restraint	$	2,247.51
400GVERTSEISMIC	400 Gallon Single Wall Tank, Seismic Restraint	$	2,252.75
540GVERTSEISMIC	540 Gallon Single Wall Tank, Seismic Restraint	$	2,378.19
615GVERTSEISMIC	615 Gallon Single Wall Tank, Seismic Restraint	$	2,268.43
755GVERTSEISMIC	755 Gallon Single Wall Tank, Seismic Restraint	$	3,162.21
805GVERTSEISMIC	805 Gallon Single Wall Tank, Seismic Restraint	$	3,904.42
905GVERTSEISMIC	905 Gallon Single Wall Tank, Seismic Restraint	$	3,177.88
1000GVERTSEISMIC	1000 Gallon Single Wall Tank, Seismic Restraint	$	3,162.21
1150GVERTSEISMIC	1150 Gallon Single Wall Tank, Seismic Restraint	$	3,198.80
905GVERTLAD	6' Ladder for 905 Gallon Tank	$	5,043.85
1150/3150GVERTLAD	8' Ladder for 1150 Gallon & 3150 Gallon Tank	$	5,833.10
F20399	14' Ladder for 6650 Gallon Tank	$	4,914.82
F20031	15' Ladder for 8700 Gallon Tank	$	5,161.54
F20032	Export Skid Packaging w/Heat Treated Skid	$	463.75

FOAMPAK2 - 60 Hz - SINGLE PUMP

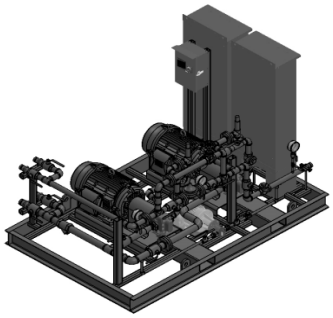
MODEL	FOAM GPM	FOAM PSI	HP	PART NUMBER	LIST PRICE (IPG V310)
FP-15	45	100	7.5	F21950A	$ 142,547.19
	40	150	10	F21951A	$ 144,121.80
	35	200	15	F21952A	$ 145,866.19
	30	261	20	F21953A	$ 147,449.29
FP-30	55	100	10	F21954A	$ 144,249.13
	50	150	15	F21955A	$ 145,993.51
	45	200	15	F21956A	$ 145,993.51
	40	261	20	F21957A	$ 147,576.62
FP-50	70	100	15	F21958A	$ 152,321.68
	65	150	20	F21959A	$ 154,520.20
	60	200	20	F21960A	$ 154,520.20
	55	261	25	F21961A	$ 156,340.98
FP-75	110	100	20	F21962A	$ 155,262.94
	105	150	25	F21963A	$ 157,083.72
	100	200	40	F21964A	$ 160,873.83
	90	261	40	F21965A	$ 160,873.83
FP-100	150	100	25	F21966A	$ 176,760.04
	140	150	30	F21967A	$ 179,179.26
	130	200	40	F21968A	$ 181,611.21
	120	261	40	F21969A	$ 181,611.21
FP-150	180	100	25	F21970A	$ 178,529.89
	170	150	30	F21971A	$ 180,949.11
	160	200	40	F21972A	$ 183,381.06
	150	261	50	F21973A	$ 185,278.24
FP-175	235	100	40	F21974A	$ 233,535.30
	220	150	50	F21975A	$ 236,845.81
	200	200	60	F21976A	$ 241,217.38
	185	261	75	F21977A	$ 244,506.67
FP-200	250	100	40	F21978A	$ 240,292.13
	240	150	60	F21979A	$ 241,217.38
	220	200	75	F21980A	$ 244,506.67
	200	261	75	F21981A	$ 244,506.67
FP-225	300	100	40	F21982A	$ 244,175.62
	280	150	60	F21983A	$ 245,100.86
	260	200	75	F21984A	$ 248,390.15
	240	261	75	F21985A	$ 248,390.15
FP-250	315	100	50	F21986A	$ 271,279.36
	290	150	60	F21987A	$ 276,359.72
	270	200	75	F21988A	$ 280,353.55
	250	261	100	F21989A	$ 285,752.23
FP-350	420	100	60	F21990A	$ 283,948.43
	400	150	75	F21991A	$ 287,942.26
	390	200	100	F21992A	$ 293,340.94
	380	250	125	F21993A	$ 299,770.97

FOAMPAK2 - 60 Hz - DUAL PUMP

MODEL	FOAM GPM	FOAM PSI	HP	PART NUMBER	LIST PRICE (IPG V310)
FP-15	45	100	7.5	F21950AA	$ 237,183.85
	40	150	10	F21951AA	$ 237,183.85
	35	200	15	F21952AA	$ 239,210.60
	30	261	20	F21953AA	$ 240,972.21
FP-30	55	100	10	F21954AA	$ 237,183.85
	50	150	15	F21955AA	$ 239,210.60
	45	200	15	F21956AA	$ 239,210.60
	40	261	20	F21957AA	$ 240,972.21
FP-50	70	100	15	F21958AA	$ 257,312.05
	65	150	20	F21959AA	$ 259,055.69
	60	200	20	F21960AA	$ 259,055.69
	55	261	25	F21961AA	$ 261,203.77
FP-75	110	100	20	F21962AA	$ 259,055.69
	105	150	25	F21963AA	$ 261,203.77
	100	200	40	F21964AA	$ 266,362.78
	90	261	40	F21965AA	$ 266,362.78
FP-100	150	100	25	F21966AA	$ 310,124.43
	140	150	30	F21967AA	$ 312,101.75
	130	200	40	F21968AA	$ 315,283.43
	120	261	40	F21969AA	$ 315,283.43
FP-150	180	100	25	F21970AA	$ 310,124.43
	170	150	30	F21971AA	$ 312,101.75
	160	200	40	F21972AA	$ 315,283.43
	150	261	50	F21973AA	$ 317,274.24
FP-175	235	100	40	F21974AA	$ 412,918.03
	220	150	50	F21975AA	$ 414,958.26
	200	200	60	F21976AA	$ 419,865.61
	185	261	75	F21977AA	$ 424,188.74
FP-200	250	100	40	F21978AA	$ 412,918.03
	240	150	60	F21979AA	$ 419,865.61
	220	200	75	F21980AA	$ 424,188.74
	200	261	75	F21981AA	$ 424,188.74
FP-225	300	100	40	F21982AA	$ 412,918.03
	280	150	60	F21983AA	$ 419,865.61
	260	200	75	F21984AA	$ 424,188.74
	240	261	75	F21985AA	$ 424,188.74
FP-250	315	100	50	F21986AA	$ 476,583.19
	290	150	60	F21987AA	$ 481,539.97
	270	200	75	F21988AA	$ 485,867.60
	250	261	100	F21989AA	$ 499,259.44
FP-350	420	100	60	F21990AA	$ 496,608.04
	400	150	75	F21991AA	$ 500,935.67
	390	200	100	F21992AA	$ 514,327.51
	380	250	125	F21993AA	$ 517,778.83



60 Hz Foam Pump



Fully Assembled Foam Pump Skid includes:

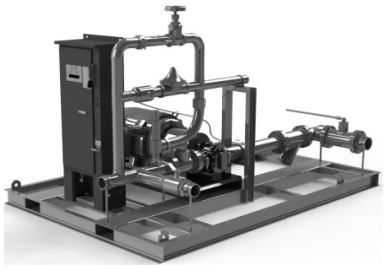
- Pump
- Pump Driver
- Pump Controller
- Casing Relief Valve
- Vacuum Gauge
- Pressure Gauge
- Duplex Gauge
- Pump Skid with Coupling Guard
- Panel Support Frame
- Suction Strainer
- UL/FM NamePlates
- Suction & Discharge Control Valve
- All Piping
- Assembled Piping Connections

FOAMPAK2 - 50 Hz - SINGLE PUMP

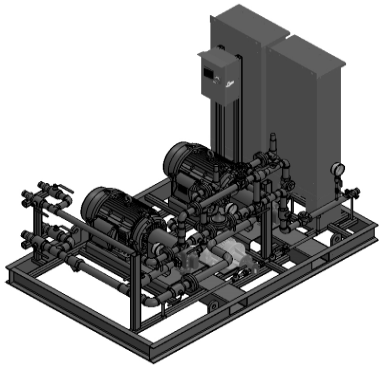
MODEL	FOAM LPM	FOAM PSI	KW	PART NUMBER	LIST PRICE (IPG V310)
FP-15	130	100	5	F21950B	$ 142,547.19
	110	150	7	F21951B	$ 143,956.28
	90	200	8	F21952B	$ 147,372.89
	75	261	10.5	F21953B	$ 149,040.88
FP-30	135	100	5	F21954B	$ 144,083.60
	110	150	7.5	F21955B	$ 150,819.22
	95	200	10	F21956B	$ 150,819.22
	90	261	12	F21957B	$ 154,070.31
FP-50	208	100	7.5	F21958B	$ 153,743.50
	189	150	10	F21959B	$ 156,120.28
	170	200	15	F21960B	$ 156,120.28
	150	261	20	F21961B	$ 158,382.46
FP-75	340	100	15	F21962B	$ 159,061.54
	310	150	15	F21963B	$ 163,144.50
	280	200	20	F21964B	$ 171,832.47
	225	261	25	F21965B	$ 171,832.47
FP-100	435	100	15	F21966B	$ 184,781.66
	395	150	20	F21967B	$ 184,004.97
	355	200	23	F21968B	$ 189,611.61
	320	261	28	F21969B	$ 189,611.61
FP-150	510	100	15	F21970B	$ 185,418.30
	470	150	20	F21971B	$ 185,774.81
	435	200	27	F21972B	$ 191,381.46
	395	261	34	F21973B	$ 196,894.73
FP-175	680	100	22.5	F21974B	$ 236,684.52
	625	150	30	F21975B	$ 240,822.66
	565	200	37.5	F21976B	$ 248,784.86
	510	261	45	F21977B	$ 253,304.99
FP-200	750	100	22.5	F21978B	$ 243,441.36
	715	150	33.5	F21979B	$ 255,541.70
	640	200	41	F21980B	$ 260,061.82
	565	261	45	F21981B	$ 260,061.82
FP-225	900	100	22.5	F21982B	$ 247,324.84
	830	150	33.5	F21983B	$ 259,425.19
	755	200	40	F21984B	$ 263,945.31
	680	261	50	F21985B	$ 263,945.31
FP-250	925	100	30	F21986B	$ 275,413.25
	850	150	37.5	F21987B	$ 285,340.54
	755	200	45	F21988B	$ 290,853.81
	680	261	56	F21989B	$ 300,832.03
FP-350	1230	100	37.5	F21990B	$ 292,929.25
	1130	150	45	F21991B	$ 298,442.52
	1095	200	56	F21992B	$ 308,420.74
	1055	250	75	F21993B	$ 309,481.80

FOAMPAK2 - 50 Hz - DUAL PUMP

MODEL	FOAM LPM	FOAM PSI	KW	PART NUMBBER	LIST PRICE (IPG V310)
FP-15	130	100	5	F21950BB	$ 237,183.85
	110	150	7	F21951BB	$ 237,183.85
	90	200	8	F21952BB	$ 239,210.60
	75	261	10.5	F21953BB	$ 240,972.21
FP-30	135	100	5	F21954BB	$ 237,183.85
	110	150	7.5	F21955BB	$ 239,210.60
	95	200	10	F21956BB	$ 239,210.60
	90	261	12	F21957BB	$ 240,972.21
FP-50	208	100	7.5	F21958BB	$ 257,312.05
	189	150	10	F21959BB	$ 259,055.69
	170	200	15	F21960BB	$ 259,055.69
	150	261	20	F21961BB	$ 261,203.77
FP-75	340	100	15	F21962BB	$ 259,055.69
	310	150	15	F21963BB	$ 261,203.77
	280	200	20	F21964BB	$ 266,362.78
	225	261	25	F21965BB	$ 266,362.78
FP-100	435	100	15	F21966BB	$ 310,124.43
	395	150	20	F21967BB	$ 312,101.75
	355	200	23	F21968BB	$ 315,283.43
	320	261	28	F21969BB	$ 315,283.43
FP-150	510	100	15	F21970BB	$ 310,124.43
	470	150	20	F21971BB	$ 312,101.75
	435	200	27	F21972BB	$ 315,283.43
	395	261	34	F21973BB	$ 317,274.24
FP-175	680	100	22.5	F21974BB	$ 412,918.03
	625	150	30	F21975BB	$ 414,958.26
	565	200	37.5	F21976BB	$ 419,865.61
	510	261	45	F21977BB	$ 424,188.74
FP-200	750	100	22.5	F21978BB	$ 412,918.03
	715	150	33.5	F21979BB	$ 419,865.61
	640	200	41	F21980BB	$ 424,188.74
	565	261	45	F21981BB	$ 424,188.74
FP-225	900	100	22.5	F21982BB	$ 412,918.03
	830	150	33.5	F21983BB	$ 419,865.61
	755	200	40	F21984BB	$ 424,188.74
	680	261	50	F21985BB	$ 424,188.74
FP-250	925	100	30	F21986BB	$ 476,583.19
	850	150	37.5	F21987BB	$ 481,539.97
	755	200	45	F21988BB	$ 485,867.60
	680	261	56	F21989BB	$ 499,259.44
FP-350	1230	100	37.5	F21990BB	$ 496,608.04
	1130	150	45	F21991BB	$ 500,935.67
	1095	200	56	F21992BB	$ 514,327.51
	1055	250	75	F21993BB	$ 517,778.83



50 Hz Foam Pump



Fully Assembled Foam Pump Skid includes:

- Pump
- Pump Driver
- Pump Controller
- Casing Relief Valve
- Vacuum Gauge
- Pressure Gauge
- Duplex Gauge
- Pump Skid with Coupling Guard
- Panel Support Frame
- Suction Strainer
- UL/FM NamePlates
- Suction & Discharge Control Valve
- All Piping
- Assembled Piping Connections

FOAMPAK FOAM PUMP SYSTEM Optional Equipment	ADD TO LIST PRICE (each)
When Ordering Non-Standard FoamPak, Specify the following suffixes:	
PUMP MOTORS	
M = IEEE841, ATEX (IP65) Certified for Zone 2	**POR**
PUMP VOLTAGE	
V1 = 200/208V	**N/C**
V2 = 220/230V	**N/C**
V3 = 380/415V	**N/C**
V4 = 575V	**POR**
V5 = Diesel Engine	**POR**
NEMA RATING	
NEMA Rating	
N = NEMA 4X	**$ 18,559.83**
CONTROLLER TRANSFER SWITCH	
S = Transfer Switch	**POR**
CONTROLLER STARTING METHOD	
F = Mercoid Switch Pressure Drop	**$ 1,918.90**

FOAMPAK FOAM PUMP SYSTEM Optional Equipment	ADD TO LIST PRICE (each)
When Ordering Non-Standard FoamPak, Specify the following suffixes:	
EXTRA CONTACTS	
E1 = 1 Contact	**$ 283.12**
E2 = 2 Contacts	**$ 566.23**
E3 = 3 Contacts	**$ 849.35**
ANTI-CONDENSATION SPACE HEATER FOR CONTROLLER	
H1 = 120V 1 Phase	**$ 1,006.64**
H2 = 240V 1 Phase	**$ 1,006.64**
TESTING	
Standard Testing, Water	
Complete FoamPak Piping Hydro Test w/Report	
T1 = Witnessed Pump Test, Water only	**$ 2,336.83**
Special Testing/Documentation	
T2 = Pump Only Testing w/Foam Concentrate	**POR**
T3 = Witnessed Pump Testing w/Foam Concentrate	**POR**
T4 = Material Certificates	**POR**
T5 = Witnessed Hydro Testing	**POR**

PART NUMBER DESCRIPTION AND OPTIONS

F21950A(A) or B(B) X X X X X X X X

BASE PART NO.

OPTIONAL MOTOR
M = IEEE841, ATEX (IP65)
Certified for Zone 2

OPTIONAL PUMP VOLTAGE
V1 = 200/208V
V2 = 220/230V
V3 = 380/415V
V4 = 575V
V5 = Diesel

NEMA RATING
N = 4X

CONTROLLER TRANSFER SWITCH
S = TRANSFER SWITCH

EXTRA CONTACTS
E1 = 1 Contact
E2 = 2 Contacts
E3 = 3 Contacts

ANTI-CONDENSATION HEATER
H1 = 120V, 1 Phase
H2 = 220V, 1 Phase

TESTING/DOCUMENTATION
T1 = Water Witnessed Pump Test
T2 = Pump Only Test w/Foam Concentrate
T3 = Foam Witnessed Pump Test
T4 = Material Certificates
T5 = Witnessed Hydro Testing

CONTROLLER STARTING METHOD
F = Mercoid Switch Pressure Drop

EXAMPLE: F21950AANST1T4

45 GPM @ 100 PSI 7.5HP 60 Hz Dual Pump Skid
with NEMA 4X Enclosure, Transfer Switch and Material Certificates

Base part number indicates flow, pressure, single or dual pump skid.
460/480V Controller and NEMA 2 Enclosure are standard equipment.
60 Hz Pump Motors are in IP-45/ODP and 50 Hz Pump Motors are in IP-55/TEFC as standard

Section S
BlazeMaster® CPVC Products

TABLE OF CONTENTS

BlazeMaster® CPVC Pipe S-1
BlazeMaster® CPVC Fittings ..... S-1 – S-4
CPVC Accessories S-4

Notes

1. Refer to Viking technical data pages for complete product specifications. You may print or download technical data by visiting www.vikinggroupinc.com.
2. List prices effective January 12, 2019. Supersedes June 2018 list price book.
3. All sales by Viking are subject to the Terms & Conditions found on the last page of this book.

BlazeMaster® is a registered trademark of The Lubrizol Corporation.
CPVC fittings are manufactured for Viking by NIBCO, Inc.

CPVC Pipe

Size	Length	Part #	Bag Qty (ft)	IPG	List Price (ft)
3/4"	10 ft	34PIPE10	160	SR210	$2.13
3/4"	15 ft	34PIPE	240	SR210	$2.13
1"	10 ft	1PIPE10	100	SR210	$3.29
1"	15 ft	1PIPE	180	SR210	$3.29
1-1/4"	10 ft	114PIPE10	70	SR210	$5.23
1-1/4"	15 ft	114PIPE	105	SR210	$5.23
1-1/2"	10 ft	112PIPE10	50	SR210	$7.21
1-1/2"	15 ft	112PIPE	75	SR210	$7.21
2"	10 ft	2PIPE10	40	SR210	$11.49
2"	15 ft	2PIPE	60	SR210	$11.49
2-1/2"	10 ft	212PIPE10	20	SR210	$21.25
2-1/2"	15 ft	212PIPE	30	SR210	$21.25
3"	10 ft	3PIPE10	10	SR210	$32.29
3"	15 ft	3PIPE	15	SR210	$32.29

List price schedule for CPVC is separate from other Viking products.
Please contact customer service to confirm current list price level.

CPVC Fittings

Tee

Size	Part #	Bag Qty	IPG	List Price
3/4"	V5011-007	250	SR216	$10.01
1"	V5011-010	100	SR216	$18.17
1-1/4"	V5011-012	25	SR215	$27.51
1-1/2"	V5011-015	25	SR215	$40.18
2"	V5011-020	2	SR215	$60.69
2-1/2"	V5011-025	1	SR215	$105.62
3"	V5011-030	1	SR215	$124.53

Cross

Size	Part #	Bag Qty	IPG	List Price
3/4"	V5035-007	10	SR215	$15.52
1"	V5035-010	100	SR215	$19.45
1-1/4"	V5035-012	5	SR215	$27.12
1-1/2"	V5035-015	20	SR215	$36.93
2"	V5035-020	1	SR215	$60.30
2-1/2"	V5035-025	1	SR215	$132.38
1 X 1 X 3/4 X 3/4"	V5035R-131	10	SR215	$21.05

Reducing Tee

Size	Part #	Bag Qty	IPG	List Price
3/4 X 3/4 X 1"	V5011R-102	10	SR215	$16.95
1 X 3/4 X 3/4"	V5011R-125	100	SR215	$16.95
1 X 3/4 X 1"	V5011R-126	10	SR215	$16.95
1 X 1 X 3/4"	V5011R-131	100	SR215	$15.51
1 1/4 X 1 X 3/4"	V5011R-157	5	SR215	$31.22
1 1/4 X 1 X 1"	V5011R-158	25	SR215	$31.22
1 1/4 X 1 X 1 1/4"	V5011R-159	5	SR215	$31.22
1 1/4 X 1 1/4 X 3/4"	V5011R-167	25	SR215	$30.69
1 1/4 X 1 1/4 X 1"	V5011R-168	25	SR216	$31.15
1 1/4 X 1 1/4 X 1 1/2"	V5011R-169	5	SR215	$31.22
1 1/2 X 1 1/4 X 3/4"	V5011R-201	5	SR215	$37.64
1 1/2 X 1 1/4 X 1"	V5011R-202	5	SR215	$37.64
1 1/2 X 1 1/2 X 3/4"	V5011R-210	25	SR215	$36.93
1 1/2 X 1 1/2 X 1"	V5011R-211	25	SR215	$34.51
1 1/2 X 1 1/2 X 1 1/4"	V5011R-212	5	SR215	$37.64
1 1/2 X 1 1/2 X 2"	V5011R-213	5	SR215	$59.77
2 X 2 X 3/4"	V5011R-248	2	SR215	$59.77
2 X 2 X 1"	V5011R-249	10	SR216	$73.79
2 X 2 X 1 1/4"	V5011R-250	2	SR215	$59.77
2 X 2 X 1 1/2"	V5011R-251	2	SR215	$59.77
2 1/2 X 2 1/2 X 1"	V5011R-289	1	SR215	$82.07
2 1/2 X 2 1/2 X 1 1/4"	V5011R-290	1	SR215	$82.07
2 1/2 X 2 1/2 X 1 1/2"	V5011R-291	1	SR215	$82.07
21/2 X 21/2 X 2"	V5011R-292	1	SR215	$82.07
3 X 3 X 1-1/2"	V5011R-337	1	SR215	$94.73
3 X 2"	V5011R-338	1	SR215	$94.73
3 X 2 1/2"	V5011R-339	1	SR215	$94.73

BlazeMaster® is a registered trademark of The Lubrizol Corporation.

CPVC Fittings *(continued)*

Elbow - 90°

Size	Part #	Bag Qty	IPG	List Price
3/4"	V5007-007	250	SR216	$6.68
1"	V5007-010	100	SR216	$14.65
1-1/4"	V5007-012	25	SR215	$22.41
1-1/2"	V5007-015	25	SR215	$26.51
2"	V5007-020	10	SR215	$34.97
2-1/2"	V5007-025	1	SR215	$68.87
3"	V5007-030	1	SR215	$94.01
1 x 3/4"	V5007R-131	100	SR215	$14.27

Elbow - 45°

Size	Part #	Bag Qty	IPG	List Price
3/4"	V5006-007	250	SR216	$13.28
1"	V5006-010	100	SR216	$12.05
1-1/4"	V5006-012	5	SR215	$17.13
1-1/2"	V5006-015	5	SR215	$23.55
2"	V5006-020	2	SR215	$29.79
2-1/2"	V5006-025	1	SR215	$52.99
3"	V5006-030	1	SR215	$76.54

Coupling

Size	Part #	Bag Qty	IPG	List Price
3/4"	V5001-007	250	SR216	$7.74
1"	V5001-010	100	SR216	$7.78
1-1/4"	V5001-012	25	SR215	$13.56
1-1/2"	V5001-015	25	SR215	$19.45
2"	V5001-020	10	SR215	$26.23
2-1/2"	V5001-025	1	SR215	$39.96
3"	V5001-030	1	SR215	$51.92

Reducing Coupling

Size	Part #	Bag Qty	IPG	List Price
1 x 3/4"	V5001R-131	10	SR215	$9.10
1 1/4 x 1"	V5001R-168	5	SR215	$13.56
1 1/2 x 3/4"	V5001R-210	5	SR215	$21.05
1 1/2 x 1"	V5001R-211	5	SR215	$20.52
1 1/2 x 1 1/4"	V5001R-212	5	SR215	$19.45
2 x 1"	V5001R-249	2	SR215	$27.30
2 x 1 1/2"	V5001R-251	2	SR215	$26.23

Bushing

Size	Part #	Bag Qty	IPG	List Price
1 x 3/4"	V5018-131	100	SR215	$5.53
1 1/4 x 3/4"	V5018-167	25	SR215	$8.74
1 1/4 x 1"	V5018-168	25	SR215	$8.74
1 1/2 x 3/4"	V5018-210	5	SR215	$9.17
1 1/2 x 1"	V5018-211	25	SR215	$9.17
1 1/2 x 1 1/4"	V5018-212	25	SR215	$9.17
2 x 3/4"	V5018-248	2	SR215	$14.27
2 x 1"	V5018-249	2	SR215	$14.27
2 x 1 1/4"	V5018-250	2	SR215	$14.27
2 x 1 1/2"	V5018-251	2	SR215	$14.27
2 1/2 x 1"	V5018-289	15	SR215	$24.80
2 1/2 x 1 1/4"	V5018-290	1	SR215	$24.80
2 1/2 x 1 1/2"	V5018-291	1	SR215	$24.80
2 1/2" x 2"	V5018-292	1	SR215	$24.80
3 x 1 1/2"	V5018-337	15	SR215	$36.93
3 x 2"	V5018-338	1	SR215	$36.93
3" x 2 1/2"	V5018-339	1	SR215	$36.93

Cap

Size	Part #	Bag Qty	IPG	List Price
3/4"	V5017-007	250	SR215	$4.00
1"	V5017-010	100	SR216	$6.49
1-1/4"	V5017-012	5	SR215	$9.81
1-1/2"	V5017-015	5	SR215	$13.56
2"	V5017-020	2	SR215	$20.52
2-1/2"	V5017-025	1	SR215	$29.26
3"	V5017-030	1	SR215	$47.81

Test Plug

Size	Part #	Bag Qty	IPG	List Price
1/2"	V450-005	50	SR215	$6.43

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CPVC Fittings[1] *(continued)*

Spigot Female Adapter w/ Metal Thread Insert

Size	Part #	Bag Qty	IPG	List Price
3/4"	V50032BI-007	10	SR215	$36.19
1"	V50032BI-010	10	SR215	$64.41

Spigot Female Sprinkler Head Adapter w/ Metal Thread Insert

Size	Part #	Bag Qty	IPG	List Price
3/4 x 1/2"	V50032SBI-101	100	SR217	$18.90
1 x 1/2"	V50032SBI-130	50	SR217	$20.18

Sprinkler Head 90 w/ Metal Thread Insert

Size	Part #	Bag Qty	IPG	List Price
3/4 x 1/2"	V50073SBI-101	100	SR217	$17.43
1 x 1/2"	V50073SBI-130	50	SR217	$23.85
1 x 3/4"	V50073SBI-131	10	SR215	$31.59
1-1/4 x 1/2"	V50073SBI-166	5	SR215	$36.43

Sprinkler Head Back-to-Back Tee w/ Metal Thread Insert

Size	Part #	Bag Qty	IPG	List
1/2x1/2x1" (1-1/8")	V501133SBIS-075	48	SR215	$128.51
1/2x1/2x1" (1-15/16")	V501133SBIL-075	48	SR215	$128.51

Female Adapter w/ Metal Thread Insert

Size	Part #	Bag Qty	IPG	List Price
3/4"	V5003BI-007	10	SR215	$34.56
1"	V5003BI-010	50	SR217	$51.82
1-1/4"	V5003BI-012	5	SR215	$98.76
1-1/2"	V5003BI-015	5	SR215	$129.22
2"	V5003BI-020	2	SR215	$165.41

Male Adapter w/ Metal Thread Insert

Size	Part #	Bag Qty	IPG	List Price
3/4"	V5004BI-007	10	SR215	$35.17
1"	V5004BI-010	10	SR215	$56.23
1-1/4"	V5004BI-012	5	SR215	$68.09
1-1/2"	V5004BI-015	5	SR215	$81.17
2"	V5004BI-020	2	SR215	$92.21

BRASTIC® Female Sprinkler Head Adapter w/ Brass Starter Thread

Size	Part #	Bag Qty	IPG	List Price
BRASTIC Head Adapter - Straight				
3/4 x 1/2"	V5003SBT-101	100	SR217	$17.36
1 x 1/2"	V5003SBT-130	50	SR217	$16.41
1 x 3/4"	V5003SBT-131	50	SR215	$29.67
BRASTIC Head Adapter - Elbow (90)				
3/4 x 1/2"	V50073SBT-101	100	SR217	$16.20
1 x 1/2"	V50073SBT-130	50	SR217	$22.17
1 x 3/4"	V50073SBT-131	50	SR217	$29.30
BRASTIC Head Adapter - Tee				
3/4 x 3/4 x 1/2"	V5012SBT-101	50	SR215	$26.37
1 x 1 x 1/2"	V5012SBT-130	50	SR215	$27.77
1 x 1 x 1"	V5012SBT-010	50	SR215	$67.77

Female Sprinkler Head Adapter w/ Metal Thread Insert

Size	Part #	Bag Qty	IPG	List Price
3/4 x 1/2"	V5003SBI-101	100	SR217	$18.53
1 x 1/2"	V5003SBI-130	50	SR217	$17.80
1 x 3/4"	V5003SBI-131	10	SR217	$31.92

Sprinkler Head Tee w/ Metal Thread Insert

Size	Part #	Bag Qty	IPG	List Price
1"	V5012SBI-010	50	SR215	$72.90
3/4 x 3/4 x 1/2"	V5012SBI-101	10	SR215	$28.28
1 x 1 x 1/2"	V5012SBI-130	50	SR215	$29.94
1 1/4 x 1 1/4 x 1/2"	V5012SBI-166	5	SR215	$50.70
1 1/2 x 1 1/2 x 1/2"	V5012SBI-209	5	SR215	$66.88
2 x 2 x 1/2"	V5012SBI-247	2	SR215	$94.27
1 x 3/4 x 1/2"	V5012RSBI-124	10	SR215	$32.48
1 1/4 x 1 x 1/2"	V5012RSBI-156	5	SR215	$50.70
1 1/2 x 1 1/4 x 1/2"	V5012RSBI-199	5	SR215	$66.88
2 x 1 1/2 x 1/2"	V5012RSBI-237	2	SR215	$94.27

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CPVC Fittings *(continued)*

Standard Union

Size	Part #	Bag Qty	IPG	List Price
3/4"	V5033E-007	10	SR215	$19.80
1"	V5033E-010	10	SR215	$35.86

Grooved Coupling Adapter

Size	Part #	Bag Qty	IPG	List Price
1-1/4"	V5001G-012	30	SR215	$31.50
1-1/2"	V5001G-015	25	SR215	$33.79
2"	V5001G-020	15	SR215	$38.56
2-1/2"	V5001G-025	20	SR215	$54.41
3"	V5001G-030	10	SR215	$63.19

InstaSeal® Female Sprinkler Head Adapter w/ Brass Thread Insert

Size	Part #	Bag Qty	IPG	List Price
Slip x Thread Adapter Model				
3/4" x 1/2"	V5003SBG-101	100	SR217	$17.70
1 x 1/2"	V5003SBG-130	50	SR217	$18.68
Spigot x Thread Adapter Model				
3/4" x 1/2"	V50032SBG-101	100	SR217	$18.92
1 x 1/2"	V50032SBG-130	50	SR217	$19.54

CPVC Accessories

Size	Part #	Box Qty	IPG	List Price (ea)
One Stop Solvent Cement				
Pint	V5097P	12	SR220	$29.57
Quart	V5097Q	12	SR220	$58.03
Dauber				
3/4"	V5093-S	100	SR220	$8.94
1-1/4"	V5093-L	100	SR220	$8.94
Brush				
n/a	V5096	12	SR220	$16.72

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Notes

Select Viking Replacement Parts

(Use in Conjunction with Viking Replacement Parts Book)

Item #	Description	List Price
07143	LENS, GREEN	$96.30
07240	HOUSING ASSY, MAINT DEVICE	$159.56
07463	PAD, FL HD, 50 PACK	$2.54
07576	BUSHING, CLAPPER, VALVE	$3.44
07641	LATCH,DRY VALVE,REPLACEMENT	$48.14
07649	RETAINER,DIAPHRAGM,3"&4",DRY	$198.56
07650	DIAPHRAGM,DRY VLV,3" & 4" F1	$182.78
07651	RUBBER,DRY VLV,3"&4",MOD F-1	$172.24
07654	ROD,HOOK & CLAPPER,DRY,MOD F	$52.31
07655	ROD,CLAPPER ARM,DRY VLV	$64.64
07659	RETAINER RUBBER,DRY VALVE	$33.74
07744	DIAPHRAGM,CLAPPER,ACCELERAT	$85.04
07748	HOUSING,INSERT,ACCELERATOR	$53.78
07863	MOTOR ASSY,WATER MOTOR,F-2	$664.24
07869	MOTOR ASSY,WATER MOTOR,VDS	$664.24
07870	COVER, WATER MOTOR ALARM, G-	$26.70
07932	SCW,HHC 3/8-16 X 1/2 LG,SST	$2.80
08056	SCREW ASSY,SOC SET,DRY,MOD F	$21.46
08060	LABEL,COVER,ACCELERATOR	$6.40
08062	SEAT, ANTI-FLOOD	$78.71
08070	RUBBER,CLAPPER 3	$91.37
08071	RETAINER,RUBBER 3	$32.37
08072	RUBBER,VALVE,4	$105.43
08073	RUBBER,VALVE,6	$123.03
08074	RETAINER,RUBBER,6	$49.96
08075	RUBBER,CLAPPER 8	$137.07
08076	RETAINER,RUBBER 8	$127.28
08081	SCREW, COVER, 3"	$3.56
08083	SCREW, COVER, 4"	$4.34
08085	SCREW, COVER, 6"	$11.31
08091	SCW,3/8-16 X 1-1/8 LG SST	$2.93
08096	KIT, SCHRADER CORE, REPL	$134.01
08108	SCW,HHC 5/16-18 X 2 1/4LG,SST	$3.85
08127	KIT, SPRING, SCHRADER VALVE	$5.62
08129	DIAPHRAGM ASSY, UPPER, REPL	$168.66
08142	SCREW, VENT	$67.77
08143	WASHER, SEALING	$1.63
08144	NUT	$1.45
08158	WASHER, SEALING	$1.19
08159	NUT	$0.90
08211	CLPR ASY 3"FL CNTRL CTD REPL	$1,416.23
08212	CLPR ASSY 4"CNTRL CTD REPL	$1,704.40
08213	CLPR ASSY 6" CNTRL CTD REPL	$2,372.10
08214	SCW,VLV,MONEL#10-24UNCX1/2LG	$11.41
08215	SCW,VLV,MONEL#10-24UNCX3/8LG	$13.06
08217	SCW,VLV,MONEL,5/16-18UNCX1/2L	$8.95
08218	SCW,VLV,MONEL 3/8-16UNCX5/8LG	$14.19
08313	VALVE,NEEDLE,1/2",MACHINED	$397.14
08324	CLAPPER ASSY,3"&4"DRY,REPL	$249.36
08411	WASHER, SST, 1.5" VLV	$1.25
08412	WASHER, SST, 2" VLV	$1.02
08413	WASHER, SST, 3" & 4" VLV	$1.44
08414	WASHER, SST, 6" VLV	$1.11
08449	PIN, LATCH, DRY VLV	$12.32
08477	DIAPHRAGM,6"DRY,MOD F-1	$217.90
08478	RETAINER,DIAPHRAGM,6"DRY,F-1	$205.21
08487	RUBBER,CLAPPER,6"DRY,MOD F-1	$203.80
08490	CLAPPER ASSY,6"DRY,F1,REPL	$265.11
08518	CLAPPER ASSY,3",REPLACE	$205.94
08519	CLAPPER ASSY,4",REPL	$210.16
08520	CLAPPER ASSY,6" REPL	$256.19
08521	CLAPPER ASSY,8" REPL	$537.67
01458A	PLATE, CLAMP, DIAPHRAGM	$2.27

Item #	Description	List Price
08522	KIT RUBBER,3",REPL	$143.39
08523	KIT,RUBBER,4",REPL	$165.87
08524	KIT,RUBBER,6",REPL	$169.02
08525	KIT,RUBBER,8",REPL	$199.27
08554	CLAPPER ASSY,3"CHECK,REPL	$384.81
08555	CLAPPER ASSY,4"CHECK,REPL	$301.51
08562	CVR ASSY,3"CHECK,REPL	$180.13
08563	CVR ASSY,4"CHECK,REPL	$183.87
08565	CVR ASSY,8"CK,REPL	$314.39
08682	REPAIR KIT,PRESSURE REGULATO	$1,230.01
08735	KIT,SCREW,3" & 4" CLAPPER VLV	$9.52
08736	KIT,SCREW,6" VALVE CLAPPER	$17.94
08785	LABEL,SPEED CNTRL ASSY	$3.05
08786	LABEL,SPEED CNTRL ASSY	$3.05
08791	NEEDLE VALVE PKG,REPL	$402.88
08821	CVR-CLPR ASY,3"EZR,REPL	$297.04
08822	CVR-CLPR ASY. 4", REPL	$383.56
08882	SCW,VLV,MONEL,HH,3/8-16UNCX1/2	$11.76
08908	CVR ASSY,3",PN-10,ALARM,REPL	$150.43
08909	CVR ASSY,4",PN-10,ALARM,REPL	$139.89
08911	CVR ASSY,8",PN-10,ALARM,REPL	$299.30
09198	SERVICE KIT,SPRING,10-50 PSI	$92.77
09199	SERVICE KIT,SPRING,30-125 PSI	$92.77
09200	SERVICE KIT,SPRING,50-150 PSI	$118.41
09320	SPRING,1.5"FLOW CONTROL	$13.56
09382	CVR ASSY,THERMO REL,C-2,REPL	$49.18
09383	CVR ASSY,THERMO REL,C-1,REPL	$50.23
09397	CVR-CLPR ASSY,4"ALARM,J2	$409.84
09398	CLAPPER ASSY,4"ALARM,J2,REPL	$210.16
09399	RUBBER,CLAPPER,4" VALVE	$69.58
09418	CVR-CLPR ASSY,6",J2	$496.36
09419	RETAINER, RUBBER, 6" VALVE,J-2	$63.12
09420	RUBBER, CLAPPER, 6" VALVE,J-2	$86.97
09421	CLAPPER ASSY,6"ALARM,J2,REPL	$307.87
09547	CVR-CLPR ASY,3",J2	$432.40
09548	RUBBER,CLAPPER,3" VALVE	$69.58
09556	CVR-CLPR ASY,8" ALARM,J2	$921.24
09558	RUBBER, CLAPPER, 8" VALVE	$135.31
09865	DIAPHRAGM, LOWER, 1.5" VALVE	$140.59
09912	KIT,RUBBER,3"ALARM,J2,REPL	$99.28
09913	KIT,RUBBER,4"ALARM,J2,REPL	$108.42
09914	KIT,RUBBER,6"ALARM,J2,REPL	$152.89
09915	KIT,RUBBER,8"ALARM,J2,REPL	$327.23
09916	CLAPPER ASSY,3"ALARM,J2,REPL	$205.94
09917	CLAPPER ASSY,8"ALARM,J2,REPL	$537.67
09951	KIT,DIAPHRAGM REPAIR,1.5"VLV	$564.38
11464	TRIM,4" PILOT OP PRESS VLV BR	$5,763.10
11466	TRIM,6" PILOT OP PRESS VLV BR	$5,808.91
01228A	GASKET, COVER, 6" ALARM	$70.68
01232A	RUBBER, CLAPPER, 6" ALARM	$112.45
01236A	CLAPPER, AUX VLV, ALARM	$65.00
01237A	SLEEVE, AUX VLV, ALARM	$46.07
01238A	BALL, NYLON	$11.25
01239A	SPRING, AUX VLV, ALARM	$16.14
01240A	CAP, AUX VLV, ALARM	$60.76
01260A	CAP, OPERATION INDICATOR	$12.78
01274A	SCW,SOC SET 3/8-16 X 3/8 LG,BR	$16.14
01307A	RETAINER, ORIFICE PLATE	$1.97
01308A	SCREEN, REST., DELUGE PANEL	$31.84
01440A	SCW,SOC SET 3/8-24X5/8 SST NYL	$21.04
01451A	SPRING, RETURN	$21.85
01457A	SCREEN, DIAPHRAGM	$7.68
02382B	RUBBER, SEAT, 4	$439.31

Select Viking Replacement Parts

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Item #	Description	List Price
01468A	SEAT, CLAPPER	$15.79
01517A	SCW,HHC 3/8-16 X 3/4 LG,ZN	$10.56
01557A	VALVE, BALL, EMERGENCY RELEA	$160.28
01603A	DIAPHRAGM (TO SHOP FLOOR)	$5.55
01604A	RING, SEAL, DIAPHRAGM	$1.09
01616A	SPRING, DRIP CHECK	$5.03
01715A	WRENCH, VALVE CORE, THERMO F	$115.99
01718A	CORE,MILTON VALVE,C-RELEASE	$26.70
01728A	PLATE, NAME, HEAD CABINET	$7.88
01729A	LABEL, CAUTION, HEAD CABINET	$4.90
01734A	O-RING, CLAMP PLATE, 4" DRY	$22.48
01735A	O-RING, CLAMP PLATE, 6"DRY	$28.46
01736A	0-RING, CLAMP PLATE, 8" DRY	$38.61
01755A	NUT, HEX	$4.94
01761A	SCW,HHC 1/4-20 X 1/2 LG,SST	$6.98
01791A	SPRING, ADJUSTMENT	$13.70
01792A	DIAPHRAGM ASSY	$72.04
01801A	PLATE, RETAINER, MAINT DEVICE	$1.84
01802A	O-RING SEAT, MAINT DEVICE	$0.82
01803A	BALL, MAINT DEVICE	$11.98
01841A	NUT, HEX, 1/4-20 UNC	$3.47
01905A	SPRING, 2" FLOW CONTROL	$265.68
01920A	SPRING, 6" FLOW CONTROL	$622.06
01922A	SCW,HHC 5/8-11 X 1-1/4 LG,ZN	$9.17
01923A	SCW,HHC 3/4-10 X 1-1/2 LG,STL	$9.59
01925S	PLUG, PIPE, 1/2 IN. STEEL	$6.00
01974C	RUBBER, DIAPHRAGM, 6	$305.74
01976B	RING, CLAMP, 6", REPLACEMENT	$360.30
01977A	SCW,FHS 3/8-16 X 3/4 LG,SST	$14.28
01994B	RUBBER, AIR PLATE, 6" DRY	$305.74
02006B	GASKET, COVER, 6" DRY	$87.17
02012B	DIAPH ASSY, DIAPHRAGM BYPASS	$140.93
02039B	GAUGE, AUX VLV	$115.99
02079A	SCW,HHC 5/8-11 X 2 LG,STL	$9.17
02083A	O-RING, 4" CHECK	$84.34
02101A	SCW,HHC 3/4-10 X 2-1/4 LG,STL	$12.64
02105A	O-RING, 6" CHECK	$84.34
02129A	O-RING, 8" CHECK	$84.34
02146A	O-RING, 10" DETECTOR CHECK	$119.46
02169A	SCW,HHC 1/2-13 X 1-1/4 LG,STL	$12.43
02176B	RUBBER, SEAT, 6	$629.07
02181A	SEAL, FILTER, MAINT DEVICE	$3.39
02194A	RUBBER, CLAPPER, 4" ALARM	$112.45
02198A	GASKET, COVER, 4" ALARM	$64.64
02200A	SCW,HHC 1/2-13 X 1-1/2 LG,STL	$5.40
02229A	SCREEN ASSY, DEHYDRATOR	$288.88
02233A	BOWL, DEHYDRATOR	$738.01
02238A	GASKET, COVER, VALVE	$53.45
02245A	GASKET, COVER, 6" CHECK	$47.79
02252A	GASKET, COVER, 8" CHECK	$70.30
02257A	FILTER, MAINT DEVICE	$5.81
02271B	CAP, FILTER, MAINT DEVICE	$87.17
02273A	SCREW, ADJUSTMENT	$61.17
02275A	NUT, LOCK	$18.64
02276A	RETAINER, SPRING, MAINT DEVICE	$17.60
02298A	RUBBER, CLAPPER, 8" ALARM	$147.62
02302C	GASKET, COVER, 8" ALARM	$122.26
02376B	CLAPPER ASSY, 4	$1,837.95
02377B	RUBBER, DIAPHRAGM, 4	$277.66
02378B	RING, CLAMP, 4	$324.71
02378BN	RING, CLAMP, 4", TEFLON COATED	$304.54
02379C	CLAPPER, 4" REPL	$1,159.72
04735A	DIAPHRAGM, UPPER, DEVICE	$113.85

Item #	Description	List Price
02383A	SCW,HHC 5/16-18 X 1/2 LG,SST	$14.07
02454A	SCW,HHC 3/8-16 X 5/8 LG,SST	$9.27
02491B	CLPR ASSY,3" FL CNTRL	$1,518.14
02492C	RUBBER, DIAPHRAGM, 3	$244.73
02493B	RING, CLAMP, 3" CV	$270.58
02493BN	RING, CLAMP, 3", TEFLON COATED	$322.59
02494A	SCW,RHP #10-24 X 1/2 LG,C-SST	$10.56
02495C	CLAPPER, 3" REPL	$909.99
02496A	SCW,RHP #10-24 X 3/8 LG,SST	$10.56
02497B	RUBBER, SEAT, 3	$439.31
02509A	SPRING, BALL CK, MAINT DEVICE	$11.98
02524A	GASKET, COVER, 2.5 ALARM	$22.17
02547C	IMPELLER, WATER MOTOR, WHITE	$61.83
02548A	SCW,RHM #10-24 X 3/8 LG, ZN	$4.23
02550B	GASKET, COVER, WATER MOTOR	$10.56
02556B	SHAFT, STRIKER ARM, WATER MTF	$12.64
02558B	ARM ASSY, STRIKER, WATER MOT(	$70.30
02629A	SCREW, SPK, BRASS	$0.37
02683A	SCW,THS 5/16-18 X 1/2 LG,SST	$10.56
02754A	RUBBER, CLAPPER, 2.5 ALARM	$112.45
02757B	GASKET, COVER, 2.5 ALARM	$57.64
02766A	WASHER, SUPPORT, WATER MOTC	$5.26
02844A	RING, CLAMP, DEHYDRATOR	$243.19
02845A	TUBE ASSY, REPL DEHYDRATOR	$379.50
02846A	NUT, TUBE, REPL DEHYDRATOR	$29.85
02921A	KNOB, DRIP CHECK	$7.78
03007A	KIT, FILTER, MAINT DEVICE	$43.92
03226C	HEAD ASSY, GLASS STRUT	$65.97
03270A	RUBBER, CLAPPER, 4" ALARM	$277.66
03271A	RUBBER, CLAPPER, 6" ALARM	$277.66
03272A	RUBBER, CLAPPER, 8" ALARM	$277.66
03273A	RUBBER, CLAPPER, 2.5" ALARM	$277.66
03281A	RUBBER, CLAPPER, 6" DRY	$246.00
03295A	RUBBER, CLAPPER, 4	$182.78
03330A	SCW,HWH 5/16-18 X 1/2 LG,ZN	$7.78
03429A	GUARD, BOWL, DEHYDRATOR	$268.83
03756B	RUBBER, AIR PLATE, 3"4" DRY	$246.00
03774A	BALL, DRIP CHECK	$24.31
03914A	SCREW, VENT	$24.94
03915A	WASHER, VENT SCREW	$9.17
04016A	CONNECTOR, MALE, TUBE	$31.66
04137A	SPRING, PORV	$21.85
04187B	GASKET, COVER, DRY VALVE 4-6"	$106.12
04188B	RUBBER, CLAPPER, 3" 4" DRY	$246.00
04211A	PLATE, CLAMP, 1.5" VALVE	$32.66
04212B	DIAPHRAGM, UPPER, 1.5" VALVE	$140.59
04221B	CLPR ASSY,2" FL CNTRL	$622.06
04222B	CLAPPER, 2" REPL	$270.58
04223B	RUBBER, DIAPHRAGM, 2	$203.80
04224B	RING, CLAMP, 2	$104.76
04224BN	RING, CLAMP, 2", TEFLON COATED	$172.87
04225B	RUBBER, SEAT, 2	$323.32
04388A	GASKET, COVER, 4" ALARM	$53.45
04505A	SCW,RHP #10-24 X 5/8 LG,C-SST	$4.23
04547B	PISTON, 1.5" VALVE	$76.26
04622C	RUBBER, CLAPPER, 6" DRY	$463.88
04625B	DETECTOR, FC, 140F	$1,352.95
04626B	DETECTOR, FC, 160F	$1,352.95
04629A	BOX, DETECTOR, FC	$432.22
04631A	CONNECTOR, WIRE, DETECTOR, F(	$3.54
04649B	GASKET, COVER, 4	$32.66
04692A	PLATE, END, 1.5" VALVE	$27.37
06227A	PAD, SPRING, DEVICE	$13.12

Select Viking Replacement Parts

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Item #	Description	List Price
04736A	PISTON, DEVICE	$56.99
04739A	PAD, SPRING, DEVICE	$1.29
04741A	SPRING, DEVICE	$7.78
04838A	SCW,HHC 5/16-18 X 2 LG,STL	$1.69
04861A	DIAPHRAGM, LOWER, DEVICE	$80.09
04874A	SCW,HHC #10-24 X 1/2 LG,SST	$14.07
04900A	PIN, HINGE, 4" VALVE	$38.30
04927B	DIAPHRAGM, LOWER, 1.5" VALVE	$189.77
04928A	CLAPPER,1.5"DEL FL CNTRL	$120.19
04991A	PIN, HINGE, 6" VALVE	$38.30
04992B	GASKET, COVER, 6" VALVE	$30.92
04993A	SCW,HHC 1/2-13 X 7/8 LG,ZN	$4.53
05053A	WATER MOTOR SCREW PACKAGE	$18.21
05105S	PLUG, PIPE, 1/8 IN. BLK STL	$3.75
05108A	SCW,RHP #8-32X1/4 LG, F-SST	$3.05
05326B	RUBBER, 8" CHECK VALVE	$88.55
05334A	PIN, HINGE, 8" VALVE	$60.76
05339C	GASKET, COVER, 8" VALVE	$38.30
05344A	SEAT, ACCELERATOR	$27.37
05354B	GASKET, COVER, VALVE	$11.25
05355A	PIN, HINGE, VALVE	$22.85
05360B	RUBBER, CLAPPER,2.5" CHECK VL\	$126.48
05361B	RETAINER,RUBBER,2.5" CHECK VL\	$30.92
05362CN/B	CLAPPER,2.5" TEF	$71.35
05363B	SCREW, CLAMP, S-O-C DEVICE	$33.74
05365A	SCREEN, S-O-C DEVICE	$25.61
05369A	RING, RETAINING	$14.07
05432A	JUNCTION BOX PKG	$703.17
05436C	COVER, DRY PIPE VALVE	$265.68
05445A	RING, RETAINING	$38.30
05472A	PIN, BASE, ACCELERATOR	$3.87
05478A	SCW,HHC 1/4-20 X 2-1/4 LG,STL	$3.87
05479A	GASKET, COVER, ACCELERATOR	$6.67
05480B	DIAPHRAGM ASSY,CVR,ACCEL (KIT	$209.47
05486A	COVER, ANTI-FLOOD, ACCELERAT(	$20.05
05499B	CLAPPER ASSY, 2.5" SWING CHECI	$349.64
05603A	PLATE, WALL, WATER MOTOR ALAI	$22.85
05604B	SHAFT, DRIVE, WATER MOTOR	$38.30
05606C	SUPPORT ASSY GONG WTR MTR F	$228.04
05703B	CLPR ASSY,6"FL CNTRL	$4,420.91
05704B	RING, CLAMP, 6" VALVE	$404.17
05704BN	RING, CLAMP, 6", TEFLON COAT	$400.62
05707A	SCW,HHC 5/8-11 X 1-3/4 LG,STL	$7.78
05724B	GASKET, COVER, 4" DETECTOR	$63.23
05768A	LABEL, GONG, WATER MOTOR	$6.00
05796BW/B	CVR ASSY, 4" VALVE, E-COAT	$213.22
05821C	GONG, WATER MOTOR	$151.82
05838A	SPRING, 3" FLOW CONTROL	$273.73
05842A	SPRING, 4" FLOW CONTROL	$305.02
05855A	SCW,HHC 3/8-16 X 1-1/8 LG,STL	$2.80
05939B	SPRING, 4	$17.18
05940B	SPRING, TORSION, 6	$53.11
05952B	SPRING, TORSION, 8	$53.11
05998B	GASKET, COVER, 6" VALVE	$129.66
06016BW/B	CVR ASSY, 8" VALVE, E-COAT	$421.15
06021B	SPRING, 3	$71.03
06057A	KIT, ANTI-FLOOD, ACCELERATOR	$76.26
06058A	KIT, CLAPPER DIAPHRAGM, ACCEL	$251.60
06091A	KIT, REPAIR, ACCELERATOR,E-1	$221.36
06138A	KIT, 0-RING, DEHYDRATOR	$46.07
06177A	SPRING, CLAPPER	$6.56
06224A	SPRING, DEVICE	$39.04

Item #	Description	List Price
06286A	KIT, RUBBER, 4" VALVE	$126.48
06343A	KIT, RUBBER, 2.5" VALVE	$137.77
06418A	VALVE ASSY, SCHRADER	$30.92
06425B	HOUSING, MAINT DEVICE	$63.82
06440A	HANDLE GRIP, ALARM TEST	$28.07
06464B	SEAT, DEVICE	$151.56
06464BJ	SEAT,PNEM,ACTUATOR,NICKEL	$182.06
06505C	LABEL, GONG, WATER MOTOR ALA	$57.64
06506C	SUPPORT ASSY,GONG,WTR MTR G	$317.33
06508C	GONG, WATER MOTOR	$537.67
06576A	SEAT, S-O-C DEVICE	$52.31
06586A	KIT,SPRING & BALL,S-O-C DEVICE	$70.68
06595A	SCREW ASSY, CLAPPER	$9.17
06596A	SCREW ASSY, CLAPPER, 6" VALVE	$9.17
06597A	SCREW ASSY, CLAPPER, 8" VALVE	$9.17
06675A	KIT,DIAPHRAGM REPAIR,1.5" DEL	$541.20
07046B	CLAPPER,2"DEL FL CNTRL	$245.53
07046BN	CLAPPER, 2", TEFLON COATED	$241.69
07048A	SCREW, COVER, ANTI-FLOOD	$2.80
07848MB/W	VK800 PILOT WT 155 HP	$56.22
07867W/B	CVR,WATER MOTER ALARM,F-2,BL	$26.70
07870W/B	CVR,WATER MOTER ALARM,G-2,BL	$26.70
08138N/B	CLAPPER,3" TEF	$103.10
08139N/B	CLAPPER,4",TEF	$116.23
08155N/B	CLAPPER WELDMENT,6" TEF	$143.28
08156N/B	CLAPPER WELDMENT,8" TEF	$204.78
08570N	CLAPPER,6"DEL FL CNTRL,TEF CTI	$916.28
08844N	CLAPPER,4"DEL FL CNTRL,TEF CTI	$685.01
08846N	CLAPPER,3"VLV,TEFLON CTD	$447.60
10514N	RING, CLAMP, 8", TEFLON COATED	$543.26
10516JT	SEAT,8" INLINE CNTRL,NCKL/TIN	$2,292.77
10518N/B	CLAPPER,8"INLINE FL CNTRL,TEF	$3,037.25
14711-2	REPL KIT,SEAT,1.5"& 2",F1 & J1	$277.50
14711-3	REPL KIT,SEAT,2.5"& 3",F1 & J1	$420.20
14711-4	REPL KIT,SEAT,4",F1 & J1	$586.24
14711-6	REPL KIT,SEAT,6",F1 & J1	$1,004.69
14711-8	REPL KIT,SEAT,8",F1 & J1	$1,523.90
14712-2	REPL KIT,SEAT,1.5"& 2",F2 & J2	$684.84
14712-3	REPL KIT,SEAT,2.5"& 3",F2 & J2	$827.53
14712-4	REPL KIT,SEAT,4",F2 & J2	$1,480.90
14712-6	REPL KIT,SEAT,6",F2 & J2	$1,651.96
14712-8	REPL KIT,SEAT,8",F2 & J2	$2,845.11
F01256	NUT,5/8 - 11UNC,VFC-2&4	$1.45
F02008	SPRING CLIP, TRENCH NOZZLE	$17.16
F09194	TUBING,STEEL REINFORCED PVC F	$1.75
F09649	SCREW, SOC.HD, #10-24X1" ILBP	$3.37
F09665	CHECK VALVE, 2" ILBP	$536.88
L17485	LABEL,APSAD BUTTERFLY VLV	$0.51
R8402315B	CLAPPER ASSY, 6	$3,131.21
R8601319A	GASKET CAP, PIN HOLE, ACCEL	$14.07
R8603041A	GASKET, FLANGE, ACCELERATOR	$21.85
R8606133A	KIT, GASKET-DIAPH, ACCELERATO	$64.64
R9002099B	GASKET, COVER, 6	$130.74
R9002125B	GASKET, COVER, 10	$167.28
R9002372A	GASKET, COVER, DRY VALVE	$23.57
R9201471A	SPRING, DIAPHRAGM BYPASS	$14.07
R9507798	COVER ASSY,4"CHECK,REPL	$129.10
R9608908	CVR ASSY,3",PN-10,ALARM,REPL	$150.43
R9608909	CVR ASSY,4",PN-10,ALARM,REPL	$139.89
R9608911	CVR ASSY,8",PN-10,ALARM,REPL	$299.30

SHIPPING WEIGHTS

Description	Quantity Per Carton	Pounds Per Carton	Kilograms Per Carton
Accelerator, D-2	1	7	4
Accelerator, E-1	1	8	4
Accelerator/Anti-Flood Package	1	11	5
Accelerator	1	8	4
Anti-Flood Device, Model B-1	1	3	1
Anti-Flood Device, Model B-2	1	7	4
Air Maintenance Device	1	4	1
Air Maintenance Device with Trim	1	7	3
Dehydrator Package	1	9	4
Emergency Release	1	4	2
Escutcheons, Flat	200	9	4
Escutcheons, Recessed	200	18	8
Escutcheons, Recessed E-2	200	18	8
Grate Nozzle 26"	1	130	59
Grate Nozzle 20"	1	106	48
Maintenance Air Compressor	1	43	20
VFR-400 Release Control Panel			
Batteries, 7 amp hours	1	6	3
Batteries, 12 amp hours	2	18	8
Batteries, 18 amp hours	1	13	6
VFR-400 Panel (110VAC)	1	27	12
Pneumatic Actuator, Model H-1	250	750	315
Pressure Operator Relief Valve	10	50	19
Prime Shut Off Valve	1	3	1
Retarding Chamber, C-1	10	260	103
Release Line Air Supply Assembly	1	4	2
Spray Nozzles			
A2, A2X, B2	50	49	22
C2, D2	50	60	27
Model M	50	11	5
Model E	50	49	22
Sprinklers			
COIN - Combustible Interstitial Space	50	9	4
Dry Concealed Sprinkler, 8"	10	31	14
Dry Concealed Sprinkler, 12"	10	38	17
Dry Concealed Sprinkler, 24"	10	66	30
Dry Sprinkler, 8"	10	31	14
Dry Sprinkler, 12"	10	38	17
Dry Sprinkler, 24"	10	66	30
ESFR Pendent, 14K	50	21	10
ESFR Pendent, 25K	50	24	11
ESFR Upright, 14K	50	21	10
ESFR Upright, 17K	50	13	6
Extra Large Orifice	50	15	5
Freedom® Residential Pendent	50	9	4
Freedom® Residential Concealed Pendent (for Domed)	50	11	7
Freedom® Residential Concealed Pendent (for Flat Plate)	50	23	11
Freedom® Residential Domed Cover	50	3	2
Freedom® Residential Flat Plate Cover	50	4	2
Fusible Link	200	39	18
Guard D-1	100	13	6
High Challenge, 1/2" NPT	50	29	13
High Challenge, 3/4" NPT	50	30	14
Horizon Flush	50	20	9
Horizon Mirage Concealed Pendent Sprinkler	50	23	11
Horizon Mirage Cover (Std and Large)	50	4	2
Institutional HSW	50	23	11
Institutional Escutcheon/Lockring Pkg	50	23	11
Microfast Horizontal Sidewall	50	10	5
Microfast Quick Response Ext. Coverage Pendent	50	9	4
Micromatic\Microfast, 1/2" NPT	200	36	16
Micromatic\Microfast, 3/4" NPT	200	45	20
Sprinkler with Preassembled Shield	100	24	11
Sprinkler with Preassembled Guard	100	36	16
WaterShield E-1	200	32	14
Window Sprinklers	10	5	2
Thermostatic Release	6	28	13

Description	Quantity Per Carton	Pounds Per Carton	Kilograms Per Carton
Valves			
Alarm Valve / Easy Riser Valve			
2½" and 3" G/G	1	20	9
3" F/F	1	35	16
3" F/G	1	27	12
4" F/F	1	45	20
4" F/G	1	37	17
4" G/G	1	27	12
6" F/F	1	75	34
6" F/G	1	62	28
6" G/G	1	51	23
8" F/F	1	140	64
8" F/G	1	120	54
8" G/G	1	106	48
Alarm Valve Trim, Vertical, Model J-1			
3"	1	24	11
4"	1	45	14
6"	1	32	15
8"	1	24	15
Deluge Valve			
1½" Threaded, Angle Style	1	13	6
2" Threaded, Angle Style	1	34	15
3" F/F, Angle Style	1	73	33
3" F/G, Angle Style	1	65	30
4" F/F, Angle Style	1	122	55
4" F/G, Angle Style	1	111	50
6" F/F, Angle Style	1	242	110
6" F/G, Angle Style	1	234	106
1½" Threaded, Straight Through	1	38	17
2" Threaded and 2" G/G, Straight Through	1	37	17
2½" Threaded and 2½" G/G, Straight Through	1	67	31
3" F/F, Straight Through	1	82	37
3" F/G, Straight Through	1	75	34
3" G/G, Straight Through	1	64	29
4" F/F, Straight Through	1	146	66
4" F/G, Straight Through	1	136	62
4" G/G, Straight Through	1	127	58
6" F/F, Straight Through	1	271	123
6" F/G, Straight Through	1	261	118
6" G/G, Straight Through	1	245	111
8" F/F, Straight Through	1	466	211
8" G/G, Straight Through	1	403	183
Deluge Valve Trim, Galvanized, Angle Style			
1½"	1	37	17
2" and 3"	1	32	15
4", 6" and 8"	1	38	17
Deluge Valve Trim, Galvanized, Straight Through			
2½" and 3"	1	36	16
4" and 6"	1	32	15
8"	1	45	20
Dry Valve, F-1			
3" F/F	1	129	59
3" F/G	1	125	57
4" F/F	1	143	65
4" F/G	1	132	60
6" F/F	1	197	89
6" F/G	1	188	85
Dry Valve Conventional Trim			
3"	1	26	14
4" and 6"	1	31	15
Flow Control Valve			
1½" Threaded, Angle Style	1	12	5
2" Threaded, Angle Style	1	34	15
3" F/F, Angle Style	1	72	33
3" F/G, Angle Style	1	66	30
4" F/F, Angle Style	1	123	56
4" F/G, Angle Style	1	112	50
6" F/F, Angle Style	1	251	114
6" F/G, Angle Style	1	236	107

Description	Quantity Per Carton	Pounds Per Carton	Kilograms Per Carton
Flow Control Valve			
1½" G/G, Straight Through	1	37	17
3" F/F and F/G Straight Through	1	251	114
3" G/G Straight Through	1	79	36
4" F/F and F/G, Straight Through	1	152	68
4" G/G, Straight Through	1	251	114
6" F/F, Straight Through	1	287	130
6" F/G, Straight Through	1	272	123
6" G/G, Straight Through	1	251	114
8" F/F, Straight Through	1	413	187
8" G/G, Straight Through	1	411	186
Flow Control Valve Trim, Galvanized, Angle Style			
1½" and 2"	1	18	8
3"	1	21	10
4"	1	18	8
6"	1	39	18
Flow Control Valve Trim, Galvanized, Straight Through			
4"	1	32	15
6"	1	38	17
8"	1	63	28
In-Line Check Valve			
1½"	1	4	2
2"	1	6	3
SureFire®			
Single Interlock, Galvanized, Angle Style			
1½" through 6"	1	607	276
Double Interlock, Galvanized, Angle Style			
1½"	1	48	22
2"	1	31	276
3"	1	30	10
4"	1	30	14
6"	1	26	12
Swing Check Valve			
2½" G/G	1	16	7
3" G/G	1	20	8
4" F/F	1	45	20
4" G/G	1	27	11
6" F/F	1	75	34
6" G/G	1	51	23
8" F/F	1	140	64
8" G/G	1	106	48
TrimPac®			
Single Interlock Electric Release	1	34	8
Single Interlock Pneumatic Release	1	73	33
Double Interlock Electric/Pneumatic	1	76	8
Double Interlock Electric/Pneulectric	1	34	8
Deluge Electric Release	1	34	8
Deluge Pneumatic Release	1	34	8
Waterflow Indicator			
1½"	1	2	1
2" and 2½"	1	4	2
3" through 5"	1	5	2
6"	1	6	3
8"	1	7	3
Water Motor Alarm	1	11	5

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Model / SIN	Price Book Page Number	Base Part Number	K Factor	Product Description
VK100	A1, A13,D6	12986	5.6	Standard Response Model M Upright, Standard Orifice, 1/2" NPT
VK102	A1, A13, D6	12987	5.6	Standard Response Model M Pendent, Standard Orifice, 1/2" NPT
VK104	A8	12995	5.6	Standard Response Model M Horizontal Sidewall, Standard Orifice, 1/2" NPT
VK106	A8	12996	5.6	Standard Response Model M Vertical Sidewall, Standard Orifice, 1/2" NPT
VK108	A10, D6	12973	5.6	Standard Response Model M Fusible Element Upright, Standard Orifice, 1/2" NPT
VK110	A10	12972	5.6	Standard Response Model M Fusible Element Pendent, Standard Orifice, 1/2" NPT
VK118	A7	19383	5.6	Standard Response Model M Conventional, Standard Orifice, 1/2" NPT
VK120	A7	10228	8.0	Standard Response Model M Conventional, Large Orifice, 3/4" NPT
VK122	A12, A13	09992	5.6	HP Standard Response Model M HP Pendent, Standard Orifice, 1/2" NPT
VK124	A12, A13	09993	5.6	HP Standard Response Model M HP Upright, Standard Orifice, 1/2" NPT
VK130	A14	05012B	5.6	Standard Response Model N-2 Stainless Steel Upright, Standard Orifice, 1/2" NPT
VK132	A14	06483B	5.6	Standard Response Model N-2 Stainless Steel Pendent, Standard Orifice, 1/2" NPT
VK150	G2	07852	5.6	Standard Response Model M Plain Barrel Dry Pendent, Standard Orifice, 1" NPT
VK152	G3	07858	5.6	Standard Response Model M Plain Barrel Dry Horizontal Sidewall, Standard Orifice, 1" NPT
VK153	G6	09125	5.6	Standard Response Model M Plain Barrel Dry Vertical Sidewall, Standard Orifice, 1” NPT
VK154	G2	07740	5.6	Standard Response Model M Adjustable Standard Dry Pendent, Standard Orifice, 1" NPT
VK156	G3	07857	5.6	Standard Response Model M Adjustable Std Dry Horizontal Sidewall, Standard Orifice, 1" NPT
VK157	G6	09123	5.6	Standard Response Model M Adjustable Std Dry Vertical Sidewall, Standard Orifice, 1" NPT
VK158	G2	06530	5.6	Standard Response Model M Adjustable Recessed Dry Pendent, Standard Orifice, 1" NPT
VK160	G1	08050	5.6	Standard Response Model M Plain Barrel Dry Upright, Standard Orifice, 1" NPT
VK161	G6	09124	5.6	Standard Response Model M Adjustable Recessed Dry Vertical Sidewall, Std Orifice, 1” NPT
VK162	G3	07856	5.6	Standard Response Model M Adjustable Recessed Dry Horizontal Sidewall, Std Orifice, 1" NPT
VK163	G4	12810	8.0	Standard Response Model M Adjustable Standard Dry Pendent, Large Orifice, 1" NPT
VK164	G4	12811	8.0	Standard Response Model M Adjustable Recessed Dry Pendent, Large Orifice, 1" NPT
VK166	G4	12741	8.0	Standard Response Model M Plain Barrel Dry Pendent, Large Orifice, 1" NPT
VK168	G7	09798	5.6	Standard Response Model M Stainless Steel Plain Barrel Dry Pendent, Std Orifice, 1" NPT
VK169	G7	10360	5.6	Standard Response Model M Stainless Steel Adj Recessed Dry Pendent, Std Orifice, 1" NPT
VK172	G9	08387	5.6	Quick Response Model M Plain Barrel Dry Pendent, Standard Orifice, 1" NPT
VK173	G11	13248	8.0	Quick Response Ordinary Hazard Plain Barrel Dry Pendent, Large Orifice, 1" NPT
VK174	G10	08388	5.6	Quick Response Model M Plain Barrel Dry HSW, Standard Orifice, 1" NPT
VK176	G9	08383	5.6	Quick Response Model M Adjustable Standard Dry Pendent, Standard Orifice, 1" NPT
VK177	G11	13249	8.0	Quick Response Ordinary Hazard Adjustable Standard Dry Pendent, Large Orifice, 1" NPT
VK178	G10	8384	5.6	Quick Response Model M Adjustable Standard Dry Horizontal Sidewall, Std Orifice, 1" NPT
VK180	G9	08385	5.6	Quick Response Model M Adjustable Recessed Dry Pendent, Standard Orifice, 1" NPT
VK181	G11	13250	8.0	Quick Response Ordinary Hazard Adjustable Recessed Dry Pendent, Large Orifice, 1" NPT
VK182	G10	08386	5.6	Quick Response Model M Adjustable Recessed Dry Horizontal Sidewall, Std Orifice, 1" NPT
VK184	G1	08417A	5.6	Quick Response Model M Dry Upright, Standard Orifice, 1" NPT

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Model / SIN	Price Book Page Number	Base Part Number	K Factor	Product Description
VK186	G15	10541	5.6	Standard Response/Quick Response Extended Coverage Model M Adjustable Recessed Dry Pendent, Standard Orifice, 1" NPT
VK188	G15	10542	5.6	Standard Response/Quick Response Extended Coverage Model M Adjustable Recessed Dry Horizontal Sidewall, Standard Orifice, 1" NPT
VK190	G8	12421A	5.6	Standard Response Dry Concealed Pendent, Standard Orifice, 1" NPT
VK192	G8	12424A	8.0	Standard Response Dry Concealed Pendent, Large Orifice, 1" NPT
VK194	G16	12422A	5.6	Quick Response Dry Concealed Pendent, Standard Orifice, 1" NPT
VK196	G16	12423A	5.6	Standard/QR EC Dry Concealed Pendent, Standard Orifice, 1" NPT
VK200	A3, A5, A13	18263	8.0	Standard Response Model M Upright, Large Orifice, 3/4" NPT
VK202	A3,A5, A13	18264	8.0	Standard Response Model M Pendent, Large Orifice, 3/4" NPT
VK204	A11	18255	8.0	Standard Response Model M Fusible Link Upright, Large Orifice, 3/4" NPT
VK206	A11	18256	8.0	Standard Response Model M Fusible Link Pendent, Large Orifice, 3/4" NPT
VK282	G13	13254U	8.0	Quick Response Plain Barrel Dry Pendent Fusible Link, Large Orifice, 1" NPT
VK286	G13	13255U	8.0	Quick Response Adjustable Standard Dry Pendent Fusible Link, Large Orifice, 1" NPT
VK290	G13	13256U	8.0	Quick Response Adjustable Recessed Dry Pendent Fusible Link, Large Orifice, 1" NPT
VK300	B3, D7	12978	5.6	Quick Response Model M Upright, Standard Orifice, 1/2" NPT
VK301	B16	17535	5.6	Quick Response Fusible Element Upright, Standard Orifice, 1/2" NPT
VK302	B3, D7	12979	5.6	Quick Response Model M Pendent, Standard Orifice, 1/2" NPT
VK303	B16, D7	17536	5.6	Quick Response Fusible Element Pendent, Standard Orifice, 1/2" NPT
VK305	B11	12997	5.6	Model M-5 Quick Response Horizontal Sidewall, 1/2" NPT
VK306	B10	12983	5.6	Quick Response Model M Vertical Sidewall, Standard Orifice, 1/2" NPT
VK307	B17	13947	5.6	Quick Response Standard Coverage, Fusible Link, HSW, 1/2" NPT
VK308	B17	13949	5.6	Quick Response Standard Coverage, Fusible Link, HSW, 1/2" NPT
VK309	B17	13951	5.6	Quick Response Standard Coverage, Fusible Link, VSW, 1/2" NPT
VK310	B9	19391	5.6	Quick Response, Standard Coverage, Glass Bulb, Conventional 1/2" NPT
VK311	B17	19392	5.6	Quick Response, Standard Coverage, Fusible Link, Conventional 1/2" NPT
VK315	B20, D7	12281	5.6	HP Quick Response Model M Upright, Standard Orifice, 1/2" NPT
VK316	B18	13953	5.6	HP Quick Response, Standard Coverage, Upright, Fusible Link 1/2” NPT
VK317	B20, D7	12282	5.6	HP Quick Response Model M Pendent, Standard Orifice, 1/2" NPT
VK318	B18	13954	5.6	HP Quick Response, Standard Coverage, Pendent, Fusible Link 1/2” NPT
VK319	B21	12285	5.6	HP Model M-5 Quick Response Horizontal Sidewall, 1/2" NPT
VK320	B18	13955	5.6	HP Quick Response, Standard Coverage, HSW, Fusible Link 1/2” NPT
VK325	B1	12980	2.8	Quick Response Model M Upright, Small Orifice, 1/2" NPT
VK327	B2	06719B	4.2	Quick Response Model M Upright, Small Orifice, 1/2" NPT
VK326	B16	13956	2.8	Quick Response Fusible Element Upright, Standard Orifice, 1/2" NPT
VK328	B16	13958	4.2	Quick Response Fusible Element Upright, Standard Orifice, 1/2" NPT
VK329	B1	12981	2.8	Quick Response Model M Pendent, Small Orifice, 1/2" NPT
VK330	B16	13959	2.8	Quick Response Fusible Element Pendent, Standard Orifice, 1/2" NPT
VK331	B2	06720B	4.2	Quick Response Model M Pendent, Small Orifice, 1/2" NPT
VK332	B16	13961	4.2	Quick Response Fusible Element Pendent, Standard Orifice, 1/2" NPT
VK333	B10	10035	2.8	Quick Response Model M Horizontal Sidewall, Small Orifice, 1/2" NPT
VK334	B17	13962	2.8	Quick Response Standard Coverage, Fusible Link, HSW, 1/2" NPT
VK338	B22	14692	5.6	Quick Response Stainless Steel Upright 1/2" NPT
VK339	B22	14693	5.6	Quick Response Stainless Steel Pendent 1/2" NPT
VK340	B19	12286	2.8	HP Quick Response Model M Upright, Small Orifice, 1/2” NPT
VK341	B18	13963	2.8	HP Quick Response, Standard Coverage, Upright, Fusible Link 1/2” NPT
VK342	B19	12290	2.8	HP Quick Response Model M Pendent, Small Orifice, 1/2” NPT
VK343	B18	13964	2.8	HP Quick Response, Standard Coverage, Pendent, Fusible Link 1/2” NPT
VK344	B21	12287	2.8	HP Quick Response Model M Horizontal Sidewall, Small Orifice, 1/2" NPT
VK346	B18	13965	2.8	HP Quick Response, Standard Coverage, HSW, Fusible Link 1/2” NPT
VK350	B5, B7	18257	8.0	Quick Response Model M Upright, Large Orifice, 3/4" NPT
VK351	B16	18275	8.0	Quick Response Fusible Element Upright, Standard Orifice, 3/4" NPT
VK352	B5, B7, D7	18258	8.0	Quick Response Model M Pendent . Domed Concealed Pendent, Large Orifice, 3/4" NPT
VK353	B16	18274	8.0	Quick Response Fusible Element Pendent, Standard Orifice, 3/4" NPT
VK354	B9	18261	8.0	Quick Response Model M Conventional, Large Orifice, 3/4" NPT
VK355	B17	18276AE	8.0	Quick Response, Standard Coverage, Fusible Link, Conventional 13/4" NPT
VK360	B11	15591	8.0	Quick Response Horizontal Sidewall,Glass Bulb, 3/4" NPT
VK377	D4	08337	11.2	Quick Response Model M ELO Pendent, Extra-Large Orifice, 3/4" NPT
VK400	A9	06697B	5.6	Standard Response Model H Fusible Link Flush Pendent, Std. Orifice, 1/2" NPT

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VK402	B15	06702B	5.6	Quick Response Model H-1 Fusible Link Flush Pendent, Standard Orifice, 1/2" NPT
VK410	E1	10554	5.6	Quick Response Model HQR-2 Fusible Link Flush Pendent,
VK412	E1	10579	5.6	Quick Response Model HQR-2 Fusible Link Flush Horizontal Sidewall, Std Orifice, 1/2" NPT
VK420	F7	09458	3.8	Residential Model H-3 Fusible Link Flush Pendent, 1/2" NPT
VK430	F1	09530	4.3	Residential Model M-4 Pendent, 1/2" NPT
VK458	F2, F3	13230	7.4	Residential Pendent / Domed Concealed Pendent, 3/4" NPT
VK460	F4	13933	5.8	Freedom® Microtech® Residential, Glass Bulb, HSW, 1/2" NPT
VK461	B12	13831A	2.8	Mirage® Quick Response Concealed Pendent, Small Orifice, 1/2" NPT
VK462	B12	13503A	5.6	Mirage® Quick Response Concealed Pendent, Standard Orifice, 1/2" NPT
VK463	B12	13667A	5.6	Mirage®HP QR Concealed Pendent, Standard Orifice, 1/2" NPT
VK464	B12	13614A	8.0	Mirage® Quick Response Concealed Pendent, Large Orifice, 3/4" NPT
VK465	B12	14262A	4.2	Mirage® Quick Response Concealed Pendent, Standard Orifice, 1/2" NPT
VK466	F1, F3	13781	5.2	Freedom® Residential Pendent Sprinkler, 1/2" NPT
VK467	F7	19154	4.9	Freedom® Residential Upright Sprinkler VK467, 1/2" NPT
VK468	F1, F3	13637	4.9	Freedom® Residential Pendent Sprinkler, 1/2" NPT
VK469	B12	15764A	11.2	Quick Response Concealed Pendent Sprinkler, 3/4" NPT
VK470	F1	17147	3.0	Freedom® Residential Pendent Sprinkler, 1/2" NPT
VK472	F2	16130	5.8	Residental Glass Bulb Pendent, 1/2" NPT
VK476	F7	15630	4.9	Residential Flush Pendent, 1/2" NPT
VK478	B15	19995	5.6	Flush Pendent, Quick Response, Standard Coverage, Fusible Link, 1/2" NPT
VK479	F4	19707	3.0	Freedom® Residential Glass Bulb Horizontal Sidewall, 1/2" NPT
VK480	F5	16116	4.0	Residential Flat Plate Concealed Horizontal Sidewall, 1/2" NPT
VK481	B15	17555	5.6	QR Concealed Horizontal Sidewall Sprinkler - Light and Ordinary Hazard
VK482	G17	18385	5.6	QR Recessed Flush Dry Sprinkler 1" NPT
VK484	F4	16240	4.2	Residential Horizontal Sidewall, 1/2" NPT
VK486	F4	17315	4.0	Residential Horizontal Sidewall, 1/2" NPT
VK488	F6	18325	3.0	Freedom® Residential Pendent Sprinkler, 1/2" NPT
VK490	F5	20409A	5.8	Freedom® Residential, Fusible Link Flat Concealed, HSW, 1/2" NPT
VK492	A9	20034	5.6	Mirage® Standard Response Concealed Pendent, 1/2" NPT
VK494	F6	20759	4.9	Freedom® Residential Flat Plate Concealed Pendent 1/2" NPT
VK498	F6	22037	5.8	Freedom® Residential Flat Plate Concealed Pendent 1/2" NPT
VK500	D1	10284	14.0	Model S-1 ESFR Pendent, 3/4" NPT
VK502	D2	18176	14.0	ESFR Dry Barrel Pendent, 1-1/2" or 2" NPT
VK503	D1	14073	16.8	K17 ESFR Pendent, 3/4" NPT
VK504	D2	19015	16.8	ESFR Dry Barrel Pendent, 1-1/2" or 1-1/2" NPT
VK506	D1	18493	22.4	K22 ESFR Pendent, 1" NPT
VK510	D1	12080	25.2	K25 ESFR Pendent, 1" NPT
VK514	D1	19591	28.0	K28 Specific Application ESFR Pendent, 1" NPT
VK520	D1	10625	14.0	Model A-4 ESFR Upright, 3/4" NPT
VK530	D3	09679	11.2	Standard Response Model M ELO Upright (Special App.), 3/4" NPT
VK531	D3	10633	11.2	Model M Quick Response ELO Upright (Special App), 3/4" NPT
VK532	C2	08687	11.2	Standard Response ECOH Model M ELO Upright, 3/4" NPT
VK533	D4	13978	11.2	ELO Quick Response, Special Application, Fusible Link, Upright, 3/4" NPT
VK534	C2	08340	11.2	Standard and QR ECOH Model M ELO Pendent, 3/4" NPT
VK536	D4	07961	11.2	Standard Response Model M ELO Upright (Special Application) and Pendent, 3/4" NPT
VK538	C6	17115A	11.2	Mirage ELO Concealed Pendent Sprinkler, 3/4" NPT (Ord Hazard)
VK540	D2	13166/7	11.2	Model A-2 Standard Response High Challenge® Upright Large Drop, ELO, 3,4" NPT, 1/2" NPT
VK544	G18	19830	11.2	Standard Response Dry Pendent ELO, Plain Barrel, 1-1/4" NPT
VK545	G18	19835	11.2	Standard Response Dry Pendent ELO, Adjustable Recessed, 1-1/4" NPT
VK546	G18	19840	11.2	Standard Response Dry Pendent ELO, Adjustable Standard, 1-1/4" NPT
VK547	G19	19828	11.2	Quick Response Dry Pendent ELO, Plain Barrel, 1-1/4" NPT
VK548	G19	19833	11.2	Quick Response Dry Pendent ELO, Adjustable Recessed, 1-1/4" NPT
VK549	G19	19838	11.2	Quick Response Dry Pendent ELO, Adjustable Standard, 1-1/4" NPT
VK550	D5	12986--U	5.6	Standard Response Model M Upright Intermediate Level, Standard Orifice, 1/2" NPT
VK551	D5	12279--U	5.6	Quick Response Fusible Element Upright Intermediate Level, Standard Orifice, 1/2" NPT
VK552	D5	12973--U	5.6	Standard Response Model M Fusible Link Upright Intermediate Level, Std Orifice, 1/2" NPT
VK556	D5	12978B--U	5.6	Quick Response Model M Upright Intermediate Level, Standard Orifice, 1/2" NPT

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VK558	D5	12281--U	5.6	HP Quick Response Model M Upright Intermediate Level, Standard Orifice, 1/2" NPT
VK560	D5	18263--U	8.0	Standard Response Model M Upright Intermediate Level, Large Orifice, 3/4" NPT
VK560	D5	12986--U	8.0	Standard Response Model M Upright Intermediate Level, Large Orifice, 1/2" NPT
VK562	D5	18253--U	8.0	Standard Response Model M Fusible Link Upright Intermediate Level, Large Orifice, 3/4" NPT
VK566	D5	18257B--U	8.0	Quick Response Model M Upright Intermediate Level, Large Orifice, 3/4" NPT
VK570	C3	13840	14.0	Extended Coverage Ordinary Hazard Upright, 3/4" NPT
VK572	C3	13722	14.0	Extended Coverage Ordinary Hazard Pendent, 3/4" NPT
VK580	D3	12739A	16.8	Standard Response Upright, 3/4" NPT
VK592	D2	14243A	19.6	Control Mode Specific App, Standard Response, Fusible Link, Pendent, 1" NPT
VK595	C3, D4	16859A	25.2	Extended Coverage, Area/Density Storage, Upright, 1" NPT
VK598	A14, D3	19522A	25.2	Storage/Non-Storage, Specific Application Upright, 1" NPT
VK600	C1	06778B	5.6	Standard Response/Quick Response Model M Ext Coverage Pendent, Std Orifice, 1/2" NPT
VK601	C8	13969	5.6	Quick Response, Extended Coverage, Fusible Link, Model M, Pendent 1/2" NPT
VK602	C1	18262	8.0	Standard Response/Quick Response Model M Extended Coverage Pendent, Large Orifice, 3/4" NPT
VK603	C8	18277	8.0	Quick Response, Extended Coverage, Fusible Link, Model M, Pendent 3/4" NPT
VK605	C4	12120	5.6	Model M-5 HSW (with EC, QREC, and Specific Application Listings), 1/2" NPT
VK606	C4	18271	8.0	Standard Response/Quick Response Model M Extended Coverage Horizontal Sidewall, Large Orifice, 3/4" NPT
VK608	C2	08339	11.2	Standard Response/Quick Response Model M Extended Coverage Light Hazard Extra-Large Orifice Pendent, 3/4" NPT
VK609	C9	13971	5.6	HP Quick Response, Extended Coverage, Fusible Link, HSW, 1/2" NPT
VK610	C1	12294	5.6	HP Standard Response/Quick Response Model M-5 Extended Coverage Pendent, Standard Orifice, 1/2" NPT
VK611	C9	13972	5.6	HP Quick Response, Extended Coverage, Fusible Link, Pendent, 1/2" NPT
VK613	C9	13973	5.6	HP Quick Response, Extended Coverage, Fusible Link, HSW, 1/2" NPT
VK612	C4	12295	5.6	HP Standard Response/Quick Response Model M-5 EC HSW, 1/2" NPT
VK617	C8	14141	11.2	Quick Response, Extended Coverage, Fusible Link, Pendent, 3/4" NPT
VK630	C5	13500	8.0	Quick Response Extended Coverage Concealed HSW, Large Orifice, 3/4" NPT
VK632	C6	14613A	5.6	Quick Response Extended Coverage, Fusible Link, Standard Orifice, Concealed Pendent, 1/2" NPT (Light Hazard)
VK634	C6	14535A	8.0	Quick Response Extended Coverage Fusible Link, Large Orifice, Concealed Pendent, 3/4" NPT (Light Hazard)
VK636	C6	16102A	11.2	Quick Response ELO Extended Coverage Fusible Link, Concealed Pendent, 3/4" NPT (Light Hazard)
VK638	C5	17375	8.0	Quick Response Extended Coverage HSW (Wide Throw / Corridor Spk)
VK660	E2	20952	5.6	Model V-HIP, Attic HIP, Specific Application, Glass Bulb, 1/2" NPT
VK680	C6	17114AC	8.0	Quick Response Extended Coverage HSW (Flat Plate Concealed)
VK681	E2	19626	8.0	Model V-BB, Specific Application Attic, 4:12 < 7:12 Pitch, 1/2" NPT
VK682	E2	19798	8.0	Model V-BB, Specific Application Attic, 7:12 < 10:12 Pitch, 1/2" NPT
VK683	E2	19751	8.0	Model V-BB, Specific Application Attic, 10:12 < 12:12 Pitch, 1/2" NPT
VK684	E2	19627	5.6	Model V-BB, Specific Application Attic, 4:12 < 7:12 Pitch, 1/2" NPT
VK685	E2	19801	5.6	Model V-BB, Specific Application Attic, 7:12 < 10:12 Pitch, 1/2" NPT
VK686	E2	19754	5.6	Model V-BB, Specific Application Attic, 10:12 > 12:12 Pitch, 1/2" NPT
VK693	E2	19578	5.6	Model V-SD, Specific Application Attic, 4:12 > 7:12 Pitch, 1/2" NPT
VK694	E2	19799	5.6	Model V-SD, Specific Application Attic, 7:12 > 10:12 Pitch, 1/2" NPT
VK695	E2	19759	5.6	Model V-SD, Specific Application Attic, 10:12 > 12:12 Pitch, 1/2" NPT
VK696	E2	19538	4.2	Attic Upright, Specific Application, 4:12 > 12:12 Pitch, 1/2" NPT
VK697	E2	21716	5.6	Attic Upright, Specific Application, 4:12 > 12:12 Pitch, 1/2" NPT
N/A	I2	16948	5.6	60° Frame Style Spray Nozzle, 1/2" Orifice, 1/2" NPT
N/A	I2	16949	5.6	90° Frame Style Spray Nozzle, 1/2" Orifice, 1/2" NPT
N/A	I2	16950	5.6	120° Frame Style Spray Nozzle, 1/2" Orifice, 1/2" NPT
N/A	I2	16951	5.6	150° Frame Style Spray Nozzle, 1/2" Orifice, 1/2" NPT
N/A	I2	16952	4.2	60° Frame Style Spray Nozzle, 7/16" Orifice, 1/2" NPT

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N/A	I2	16953	4.2	90° Frame Style Spray Nozzle, 7/16" Orifice, 1/2" NPT
N/A	I2	16954	4.2	120° Frame Style Spray Nozzle, 7/16" Orifice, 1/2" NPT
N/A	I2	16955	4.2	150° Frame Style Spray Nozzle, 7/16" Orifice, 1/2" NPT
N/A	I2	16956	2.8	60° Frame Style Spray Nozzle, 3/8" Orifice, 1/2" NPT
N/A	I2	16957	2.8	90° Frame Style Spray Nozzle, 3/8" Orifice, 1/2" NPT
N/A	I2	16958	2.8	120° Frame Style Spray Nozzle, 3/8" Orifice, 1/2" NPT
N/A	I2	16959	2.8	150° Frame Style Spray Nozzle, 3/8" Orifice, 1/2" NPT
N/A	I2	16960	1.9	60° Frame Style Spray Nozzle, 5/16" Orifice, 1/2" NPT
N/A	I2	16961	1.9	90° Frame Style Spray Nozzle, 5/16" Orifice, 1/2" NPT
N/A	I2	16962	1.9	120° Frame Style Spray Nozzle, 5/16" Orifice, 1/2" NPT
N/A	I2	16963	1.9	150° Frame Style Spray Nozzle, 5/16" Orifice, 1/2" NPT
N/A	I2	16964	1.4	60° Frame Style Spray Nozzle, 1/4" Orifice, 1/2" NPT
N/A	I2	16965	1.4	90° Frame Style Spray Nozzle, 1/4" Orifice, 1/2" NPT
N/A	I2	16966	1.4	120° Frame Style Spray Nozzle, 1/4" Orifice, 1/2" NPT
N/A	I2	16967	1.4	150° Frame Style Spray Nozzle, 1/4" Orifice, 1/2" NPT
VK740	I2	05133AAJ	1.2	30° Model A-2 Spray Nozzle, 1/2" NPT, Brass
VK741	I2	05133AAK	1.2	60° Model A-2 Spray Nozzle, 1/2" NPT, Brass
VK742	I2	05133AAL	1.2	90° Model A-2 Spray Nozzle, 1/2" NPT, Brass
VK743	I2	05133AAM	1.4	120° Model A-2 Spray Nozzle, 1/2" NPT, Brass
VK744	I2	05133AAN	1.4	140° Model A-2 Spray Nozzle, 1/2" NPT, Brass
VK745	I2	05133AJJ	1.2	30° Model A-2 Spray Nozzle, 1/2" NPT, Nickel
VK746	I2	05133AJK	1.2	60° Model A-2 Spray Nozzle, 1/2" NPT, Nickel
VK747	I2	05133AJL	1.2	90° Model A-2 Spray Nozzle, 1/2" NPT, Nickel
VK748	I2	05133AJM	1.4	120° Model A-2 Spray Nozzle, 1/2" NPT, Nickel
VK749	I2	05133AJN	1.4	140° Model A-2 Spray Nozzle, 1/2" NPT, Nickel
VK750	I2	05134AAJ	2.0	30° Model A-2X Spray Nozzle, 1/2" NPT, Brass
VK751	I2	05134AAK	2.0	60° Model A-2X Spray Nozzle, 1/2" NPT, Brass
VK752	I2	05134AAL	2.0	90° Model A-2X Spray Nozzle, 1/2" NPT, Brass
VK753	I2	05134AAM	2.2	120° Model A-2X Spray Nozzle, 1/2" NPT, Brass
VK754	I2	05134AAN	2.2	140° Model A-2X Spray Nozzle, 1/2" NPT, Brass
VK755	I2	05134AJJ	2.0	30° Model A-2X Spray Nozzle, 1/2" NPT, Nickel
VK756	I2	05134AJK	2.0	60° Model A-2X Spray Nozzle, 1/2" NPT, Nickel
VK757	I2	05134AJL	2.0	90° Model A-2X Spray Nozzle, 1/2" NPT, Nickel
VK758	I2	05134AJM	2.2	120° Model A-2X Spray Nozzle, 1/2" NPT, Nickel
VK759	I2	05134AJN	2.2	140° Model A-2X Spray Nozzle, 1/2" NPT, Nickel
VK760	I2	05135AAJ	2.8	30° Model B-2 Spray Nozzle, 1/2" NPT, Brass
VK761	I2	05135AAK	2.8	60° Model B-2 Spray Nozzle, 1/2" NPT, Brass
VK762	I2	05135AAL	2.8	90° Model B-2 Spray Nozzle, 1/2" NPT, Brass
VK763	I2	05135AAM	3.3	120° Model B-2 Spray Nozzle, 1/2" NPT, Brass
VK764	I2	05135AAN	3.3	140° Model B-2 Spray Nozzle, 1/2" NPT, Brass
VK765	I2	05135AJJ	2.8	30° Model B-2 Spray Nozzle, 1/2" NPT, Nickel
VK766	I2	05135AJK	2.8	60° Model B-2 Spray Nozzle, 1/2" NPT, Nickel
VK767	I2	05135AJL	2.8	90° Model B-2 Spray Nozzle, 1/2" NPT, Nickel
VK768	I2	05135AJM	3.3	120° Model B-2 Spray Nozzle, 1/2" NPT, Nickel
VK769	I2	05135AJN	3.3	140° Model B-2 Spray Nozzle, 1/2" NPT, Nickel
VK770	I2	19505AJ	3.4	30° Model C-2 Spray Nozzle, 1/2" NPT, Brass
VK771	I2	19505AK	3.4	60° Model C-2 Spray Nozzle, 1/2" NPT, Brass
VK772	I2	19505AL	3.8	90° Model C-2 Spray Nozzle, 1/2" NPT, Brass
VK772	I2	19505AM	3.8	90° Model C-2 Spray Nozzle, 1/2" NPT, Brass
VK773	I2	19505AN	3.9	120° Model C-2 Spray Nozzle, 1/2" NPT, Brass
VK770	I2	19505JJ	3.4	30° Model C-2 Spray Nozzle, 1/2" NPT, Nickel
VK771	I2	19505JK	3.4	60° Model C-2 Spray Nozzle, 1/2" NPT, Nickel
VK772	I2	19505JL	3.8	90° Model C-2 Spray Nozzle, 1/2" NPT, Nickel
VK773	I2	19505JM	3.9	120° Model C-2 Spray Nozzle, 1/2" NPT, Nickel
VK774	I2	19505JN	3.9	140° Model C-2 Spray Nozzle, 1/2" NPT, Nickel
VK780	I2	19506AJ	4.7	30° Model D-2 Spray Nozzle, 1/2" NPT, Brass
VK781	I2	19506AK	4.7	60° Model D-2 Spray Nozzle, 1/2" NPT, Brass
VK782	I2	19506AL	5.0	90° Model D-2 Spray Nozzle, 1/2" NPT, Brass
VK783	I2	19506AM	5.2	120° Model D-2 Spray Nozzle, 1/2" NPT, Brass
VK784	I2	19506AN	5.2	140° Model D-2 Spray Nozzle, 1/2" NPT, Brass
VK780	I2	19506JJ	4.7	30° Model D-2 Spray Nozzle, 1/2" NPT, Nickel
VK781	I2	19506JK	4.7	60° Model D-2 Spray Nozzle, 1/2" NPT, Nickel
VK782	I2	19506JL	5.0	90° Model D-2 Spray Nozzle, 1/2" NPT, Nickel
VK783	I2	19506JM	5.2	120° Model D-2 Spray Nozzle, 1/2" NPT, Nickel
VK784	I2	19506JN	5.2	140° Model D-2 Spray Nozzle, 1/2" NPT, Nickel

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VK790	I1	01320B	1.5	Model C-1 Window Sprinkler, 1/4" Orifice, 1/2" NPT
VK791	I1	01321B	2.1	Model C-1 Window Sprinkler, 5/16" Orifice, 1/2" NPT
VK792	I1	01322B	3.0	Model C-1 Window Sprinkler, 3/8" Orifice, 1/2" NPT
VK793	I1	01323B	4.3	Model C-1 Window Sprinkler, 7/16" Orifice, 1/2" NPT
VK794	I1	01324B	5.8	Model C-1 Window Sprinkler, 1/2" Orifice, 1/2" NPT
VK795	I1	01325B	7.3	Model C-1 Window Sprinkler, 5/8" Orifice, 3/4" NPT
VK796	I1	01326B	8.1	Model C-1 Window Sprinkler, 3/4" Orifice, 3/4" NPT
VK800	N8	07848	–	Model M HP Fixed Temperature Release, Standard Orifice, 1/2" NPT
VK810	I1	12867	7.2	65° Model E Spray Nozzle, 1/2" NPT
VK810	I1	12868	5.6	65° Model E Spray Nozzle, 1/2" NPT
VK810	I1	12869	4.1	65° Model E Spray Nozzle, 1/2" NPT
VK810	I1	12870	3.2	65° Model E Spray Nozzle, 1/2" NPT
VK810	I1	12871	2.3	65° Model E Spray Nozzle, 1/2" NPT
VK810	I1	12872	1.8	65° Model E Spray Nozzle, 1/2" NPT
VK810	I1	12873	1.2	65° Model E Spray Nozzle, 1/2" NPT
VK811	I1	12874	7.2	80° Model E Spray Nozzle, 1/2" NPT
VK811	I1	12875	5.6	80° Model E Spray Nozzle, 1/2" NPT
VK811	I1	12876	4.1	80° Model E Spray Nozzle, 1/2" NPT
VK811	I1	12877	3.2	80° Model E Spray Nozzle, 1/2" NPT
VK811	I1	12878	2.3	80° Model E Spray Nozzle, 1/2" NPT
VK811	I1	12879	1.8	80° Model E Spray Nozzle, 1/2" NPT
VK811	I1	12880	1.2	80° Model E Spray Nozzle, 1/2" NPT
VK812	I1	12881	7.2	95° Model E Spray Nozzle, 1/2" NPT
VK812	I1	12882	5.6	95° Model E Spray Nozzle, 1/2" NPT
VK812	I1	12883	4.1	95° Model E Spray Nozzle, 1/2" NPT
VK812	I1	12884	3.2	95° Model E Spray Nozzle, 1/2" NPT
VK812	I1	12885	2.3	95° Model E Spray Nozzle, 1/2" NPT
VK812	I1	12886	1.8	95° Model E Spray Nozzle, 1/2" NPT
VK812	I1	12887	1.2	95° Model E Spray Nozzle, 1/2" NPT
VK813	I1	12888	7.2	110° Model E Spray Nozzle, 1/2" NPT
VK813	I1	12889	5.6	110° Model E Spray Nozzle, 1/2" NPT
VK813	I1	12890	4.1	110° Model E Spray Nozzle, 1/2" NPT
VK813	I1	12891	3.2	110° Model E Spray Nozzle, 1/2" NPT
VK813	I1	12892	2.3	110° Model E Spray Nozzle, 1/2" NPT
VK813	I1	12893	1.8	110° Model E Spray Nozzle, 1/2" NPT
VK813	I1	12894	1.2	110° Model E Spray Nozzle, 1/2" NPT
VK814	I1	12895	7.2	125° Model E Spray Nozzle, 1/2" NPT
VK814	I1	12896	5.6	125° Model E Spray Nozzle, 1/2" NPT
VK814	I1	12897	4.1	125° Model E Spray Nozzle, 1/2" NPT
VK814	I1	12898	3.2	125° Model E Spray Nozzle, 1/2" NPT
VK814	I1	12899	2.3	125° Model E Spray Nozzle, 1/2" NPT
VK814	I1	12900	1.8	125° Model E Spray Nozzle, 1/2" NPT
VK814	I1	12901	1.2	125° Model E Spray Nozzle, 1/2" NPT
VK815	I1	12902	7.2	140° Model E Spray Nozzle, 1/2" NPT
VK815	I1	12903	5.6	140° Model E Spray Nozzle, 1/2" NPT
VK815	I1	12904	4.1	140° Model E Spray Nozzle, 1/2" NPT
VK815	I1	12905	3.2	140° Model E Spray Nozzle, 1/2" NPT
VK815	I1	12906	2.3	140° Model E Spray Nozzle, 1/2" NPT
VK815	I1	12907	1.8	140° Model E Spray Nozzle, 1/2" NPT
VK815	I1	12908	1.2	140° Model E Spray Nozzle, 1/2" NPT
VK816	I1	12909	7.2	160° Model E Spray Nozzle, 1/2" NPT
VK816	I1	12910	5.6	160° Model E Spray Nozzle, 1/2" NPT
VK816	I1	12911	4.1	160° Model E Spray Nozzle, 1/2" NPT
VK816	I1	12912	3.2	160° Model E Spray Nozzle, 1/2" NPT
VK816	I1	12913	2.3	160° Model E Spray Nozzle, 1/2" NPT
VK816	I1	12914	1.8	160° Model E Spray Nozzle, 1/2" NPT
VK816	I1	12915	1.2	160° Model E Spray Nozzle, 1/2" NPT
VK817	I1	12916	7.2	180° Model E Spray Nozzle, 1/2" NPT
VK817	I1	12917	5.6	180° Model E Spray Nozzle, 1/2" NPT
VK817	I1	12918	4.1	180° Model E Spray Nozzle, 1/2" NPT
VK817	I1	12919	3.2	180° Model E Spray Nozzle, 1/2" NPT
VK817	I1	12920	2.3	180° Model E Spray Nozzle, 1/2" NPT
VK817	I1	12921	1.8	180° Model E Spray Nozzle, 1/2" NPT
VK817	I1	12922	1.2	180° Model E Spray Nozzle, 1/2" NPT
VK900	E1	12493	4.2	COIN® QR Upright (Specific Application), Glass Bulb, 1/2" NPT

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VK901	E1	12676	4.2	COIN® QR Upright (Specific Application), Fusible Link, 1/2" NPT
VK950	E1	20757	5.6	COIN® QR Upright (Specific Application), Glass Bulb, 1/2" NPT
VK1001	A2	19914	5.6	XT1 Standard Response, Standard Coverage, Glass Bulb, Upright, 1/2" NPT
VK1021	A2	19915	5.6	XT1 Standard Response, Standard Coverage, Glass Bulb, Pendent, 1/2" NPT
VK2001	A4	19922	8.0	XT1 Standard Response, Standard Coverage, Glass Bulb, Upright, 3/4" NPT
VK2002	A6	19918	8.0	XT1 Standard Response, Standard Coverage, Glass Bulb, Upright, 1/2" NPT
VK2021	A4	19923	8.0	XT1 Standard Response, Standard Coverage, Glass Bulb, Pendent, 3/4" NPT
VK2022	A6	19919	8.0	XT1 Standard Response, Standard Coverage, Glass Bulb, Pendent, 1/2" NPT
VK2503	G5	21493U	8.0	Standard Response Ordinary Hazard Plain Barrel Dry HSW, Large Orifice, 1" NPT
VK2523	G5	21487U	8.0	Standard Response Ordinary Hazard Adjustable Standard Dry HSW, Large Orifice, 1" NPT
VK2543	G2	21481U	8.0	Standard Response Ordinary Hazard Adjustable Recessed Dry HSW, Large Orifice, 1" NPT
VK2753	G12	21495U	8.0	Quick Response Ordinary Hazard Plain Barrel Dry HSW, 1" NPT
VK2773	G12	21489U	8.0	Quick Response Ordinary Hazard Adjustable Standard Dry HSW, 1" NPT
VK2793	G12	21483U	8.0	Quick Response Ordinary Hazard Adjustable Recessed Dry HSW, 1" NPT
VK2843	G14	21497U	8.0	Quick Response, Standard Coverage, Dry Sprinkler, HSW, 1" NPT, Plain Barrel
VK2883	G14	21491U	8.0	Quick Response, Standard Coverage, Dry Sprinkler, HSW, 1" NPT, Standard Adjustable
VK2923	G14	21485U	8.0	Quick Response, Standard Coverage, Dry Sprinkler, HSW, 1" NPT, Recessed Adjustable
VK3001	B4	19916	5.6	XT1 Quick Response, Standard Coverage, Glass Bulb, Upright, 1/2" NPT
VK3021	B4	19917	5.6	XT1 Quick Response, Standard Coverage, Glass Bulb, Pendent, 1/2" NPT
VK3501	B6	19924	8.0	XT1 Quick Response, Standard Coverage, Glass Bulb, Upright, 3/4" NPT
VK3521	B6	19925	8.0	XT1 Quick Response, Standard Coverage, Glass Bulb, Pendent, 3/4" NPT
VK3502	B8	19920	8.0	XT1 Quick Response, Standard Coverage, Glass Bulb, Upright, 1/2" NPT
VK3522	B8	19921	8.0	XT1 Quick Response, Standard Coverage, Glass Bulb, Pendent, 1/2" NPT

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Standard Terms and Conditions of Sale

The terms set forth in this form are the sole terms for the sale of goods and services by Viking Fabrication Services LLC ("VFS"), unless otherwise specifically provided for by VFS in this document, and shall apply to the exclusion of any inconsistent or additional terms contained in the end purchaser's ("Buyer") order or acknowledgment or otherwise proposed by Buyer. Buyer's acceptance of these terms shall be conclusively presumed by Buyer's submission of a purchase order to Supply Network, Inc. d/b/a Viking SupplyNet, or by Buyer's acceptance of delivery of, or payment for, the goods and services. Any contract made for the sale of goods or services by VFS is expressly conditional on Buyer's assent to the terms stated in this document. VFS objects to any additional or inconsistent terms proposed by Buyer.

1. **Inspection/Acceptance/Return**. Buyer may not return any goods, under warranty claim or otherwise, without first reporting to VFS the reasons for such return and first obtaining and then observing such reasonable instructions as VFS may give in authorizing any return. All returns must be accompanied by a valid VFS RMA (return material authorization). Material accepted for return is subject to a minimum 20% restocking fee, or the standard restocking fee charged by the manufacturer or supplier on returns to them. Returned material must be unused or not installed, in its original packaging, and of current design. Any returned material not in this condition is subject to additional charges to cover inspection, handling, repackaging, refurbishment, or any other expenses incurred by VFS in accepting the material. VFS may deny credit on returned merchandise not meeting these requirements.

2. **Special Order Items**. Purchase orders which include special order items, must contain both the manufacturer's item number and a full description. Manufacturer's and supplier's terms and conditions may apply. Special items cannot be cancelled or returned unless agreed to by the manufacturer of such items. Cancellation fees and payment for any materials used and labor expended in manufacturing the order will apply.

3. **DISCLAIMER OF WARRANTY.**

a. TO THE EXTENT THAT VFS PROVIDES FABRICATION SERVICES DIRECTLY TO BUYER, VFS WARRANTS SOLELY THAT IT WILL PROVIDE SUCH SERVICES ACCORDING TO THE SPECIFICATIONS PROVIDED BY BUYER, AND SPECIFICALLY DISCLAIMS ANY AND ALL OTHER WARRANTIES WITH REGARD TO SUCH SERVICES PROVIDED BY VFS. BUYER ACKNOWLEDGES THAT BUYER IS NOT RELYING ON VFS IN ANY WAY FOR DESIGN OR ENGINEERING WITH RESPECT TO THE GOODS OR THE ADEQUACY OF THE SPECIFICATIONS PROVIDED BY BUYER. BUYER'S RESPONSIBILITY SHALL INCLUDE, BUT NOT BE LIMITED TO, RESPONSIBILITY FOR DETERMINING SUITABILITY OF GOODS AND SERVICES PROVIDED BY VFS AND THEIR COMPLIANCE WITH SYSTEM DESIGN REQUIREMENTS WHEN INTEGRATED INTO A SYSTEM. TO THE EXTENT THAT FABRICATION SERVICES ARE CONTRACTED BY VFS THROUGH A THIRD PARTY FABRICATOR, BUYER CONSENTS AND AGREES THAT ALL CLAIMS OF BUYER WITH RESPECT TO SUCH FABRICATION SERVICES SHALL BE MADE DIRECTLY BY BUYER TO SUCH THIRD PARTY FABRICATOR, AND VFS HEREBY DISCLAIMS ALL WARRANTIES WITH REGARDS TO SUCH THIRD PARTY FABRICATION SERVICES. IN THE EVENT THAT BUYER HAS SUCH A CLAIM AGAINST A THIRD PARTY FABRICATOR, BUYER SHALL CONTACT THE THIRD PARTY FABRICATOR DIRECTLY.

b. BUYER ACKNOWLEDGES THAT ANY WARRANTY FOR PRODUCTS ACQUIRED BY VFS THROUGH A THIRD PARTY MANUFACTURER IS LIMITED TO THE WARRANTY PROVIDED BY THE MANUFACTURER OF THE GOODS ACQUIRED. BUYER CONSENTS AND AGREES THAT ALL CLAIMS OF BUYER WITH RESPECT TO THE CONDITION OR PERFORMANCE OF SUCH GOODS SHALL BE MADE DIRECTLY BY BUYER TO SUCH MANUFACTURERS. VFS HEREBY DISCLAIMS ALL WARRANTIES WITH REGARDS TO SUCH GOODS. IN THE EVENT THAT BUYER HAS SUCH A CLAIM, BUYER SHALL CONTACT MANUFACTURER DIRECTLY.

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4. **Force/Majeure**. VFS and Buyer assume the non-occurrence of the following contingencies which, without limitation, might render performance by VFS impractical: acts of God, governmental actions, terrorist acts, utility interruptions, strikes, riots, fires, war, assertions by third parties of infringement claims, late or non-delivery by suppliers to VFS, and all other contingencies beyond the reasonable control of VFS.

5. **NO CONSEQUENTIAL DAMAGES**. UNDER NO CIRCUMSTANCES WHATSOEVER SHALL VFS BE LIABLE FOR ANY INDIRECT, SPECIAL, OR CONSEQUENTIAL DAMAGES, WHETHER FORESEEABLE OR UNFORESEEABLE AND WHETHER BASED UPON LOST GOODWILL, LOST RESALE PROFITS, LOSS OF USE OF MONEY, WORK STOPPAGE, IMPAIRMENT OF OTHER ASSETS, OR OTHERWISE AND WHETHER ARISING OUT OF BREACH OF WARRANTY, BREACH OF CONTRACT, STRICT LIABILITY IN TORT, NEGLIGENCE, MISREPRESENTATION, OR OTHERWISE, EXCEPT ONLY IN THE CASE OF PERSONAL INJURY WHERE APPLICABLE LAW REQUIRES SUCH LIABILITY.

6. **Governing Law**. Michigan law shall govern all transactions to which these standard terms and conditions apply. VFS and Buyer agree that any action arising out of the sale of goods or services in accordance with this document will be brought, heard and decided in Kent County, Michigan. Buyer submits to personal jurisdiction in Michigan.

7. **Buyer's Design Responsibility**. Buyer acknowledges that VFS's goods are produced or provided according to Buyer's specifications. Buyer acknowledges that Buyer is not relying on VFS in any way with respect to the suitability of its products or the adequacy of the specifications. VFS has no responsibility for design, engineering, or other advice, regarding any product specifications provided by Buyer. Buyer shall defend, indemnify and hold VFS harmless against all product liability, product recall, and other claims, liabilities and expenses, including but not limited to actual attorney fees, incurred by VFS arising out of any claimed design or engineering defect relating to specifications provided by Buyer to VFS.

8. **Indemnification of VFS (General)**. Buyer shall indemnify, defend and hold VFS and its agents harmless from all claims, liabilities, and expenses, including but not limited to actual attorney fees, sustained by VFS or its agents that are caused by any action of Buyer relating to the goods or services sold by VFS to Buyer. Buyer shall further defend, indemnify and hold VFS harmless against all product liability, product recall, and other claims, liabilities and expenses, including but not limited to actual attorney fees incurred by VFS arising out of any claimed design or engineering defect relating to specifications provided by Buyer to VFS.

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10. **Compliance Statement**. Commodities, technologies, or software exported by VFS from the United States are in accordance with Export Administration Regulations. Any export or re-export contrary to U.S. law is prohibited.

11. **Assignment**. Buyer shall not assign its rights or delegate its duties under this document without VFS's prior written consent. VFS may assign to any third party its rights and obligations with respect to Buyer.

12. **Entire Agreement and Amendment.** This document contains all of the terms of the agreement between VFS and Buyer with regard to its subject matter and supersedes all prior oral or written representations, agreements, and other communications between VFS and Buyer. The contract evidenced by this document may be amended only in writing signed by Buyer and an authorized agent of VFS.

13. **Severability**. All terms shall be enforced only to the maximum extend permitted by law. if any term is invalid or unenforceable, all other terms shall remain in effect.

SUPPLY NETWORK, INC. D/B/A VIKING SUPPLYNET
Standard Terms and Conditions of Sale

The terms set forth in this form are the sole terms for the sale of goods and services by Supply Network, Inc. d/b/a Viking SupplyNet ("VSN"), unless otherwise specifically provided for by VSN in this document, and shall apply to the exclusion of any inconsistent or additional terms contained in Buyer's order or acknowledgment or otherwise proposed by Buyer. Buyer's acceptance of these terms shall be conclusively presumed by Buyer's submission of a purchase order to VSN, or by Buyer's acceptance of delivery of, or payment for, the goods and services. Any contract made for the sale of goods or services by VSN is expressly conditional on Buyer's assent to the terms stated in this document. VSN objects to any additional or inconsistent terms proposed by Buyer.

1. **Price/Delivery**. VSN's goods and services are sold at the prices in effect on the date of the order, and are subject to change without notice. Unless otherwise specified on VSN's order acknowledgement, price and delivery terms are FOB place of shipment (VSN's or consignee's plant or warehouse as selected by VSN in its reasonable discretion), and such prices do not include sales, use or other taxes, all of which shall be paid and/or absorbed by Buyer, who shall indemnify VSN against all claims and liabilities therefor. Title shall pass upon delivery of the goods to the carrier at FOB point, and thereafter all risk of loss or damage shall be borne by Buyer. Shipments direct from a manufacturer or supplier are subject to that manufacturer's or supplier's standard freight terms, and the Buyer shall be responsible for all such charges.

2. **Payment**. Unless otherwise provided in an invoice issued by VSN, payment terms are net 45 days from the date of invoice. Invoices not paid within 45 days shall have a service charge added to the amount due of one and one-half percent (1-1/2%) per month on the highest interest rate allowable by law.

3. **Inspection/Acceptance/Return**. Buyer may not return any goods, under warranty claim or otherwise, without first reporting to VSN the reasons for such return and first obtaining and then observing such reasonable instructions as VSN may give in authorizing any return. All returns must be accompanied by a valid VSN RMA (return material authorization). Material accepted for return is subject to a minimum 20% restocking fee, or the standard restocking fee charged by the manufacturer or supplier on returns to them. Returned material must be unused or not installed, in its original packaging, and of current design. Sprinkler heads must be in unopened original packaging. Any returned material not in this condition is subject to additional charges to cover inspection, handling, repackaging, refurbishment, or any other expenses incurred by VSN in accepting the material. VSN may deny credit on returned merchandise not meeting these requirements.

4. **Special Order Items**. Purchase orders which include special order items, must contain both the manufacturer's item number and a full description. Manufacturer's and supplier's terms and conditions may apply. Special items cannot be cancelled or returned unless agreed to by the manufacturer of such items. Cancellation fees and payment for any materials used and labor expended in manufacturing the order will apply.

5. **DISCLAIMER OF WARRANTY.**

a. TO THE EXTENT THAT VSN PROVIDES FABRICATION SERVICES DIRECTLY TO BUYER, VSN WARRANTS SOLELY THAT IT WILL PROVIDE SUCH SERVICES ACCORDING TO THE SPECIFICATIONS PROVIDED BY BUYER, AND SPECIFICALLY DISCLAIMS ANY AND ALL OTHER WARRANTIES WITH REGARD TO SUCH SERVICES PROVIDED BY VSN. BUYER ACKNOWLEDGES THAT BUYER IS NOT RELYING ON VSN IN ANY WAY FOR DESIGN OR ENGINEERING WITH RESPECT TO THE GOODS OR THE ADEQUACY OF THE SPECIFICATIONS PROVIDED BY BUYER. BUYER'S RESPONSIBILITY SHALL INCLUDE, BUT NOT BE LIMITED TO, RESPONSIBILITY FOR DETERMINING SUITABILITY OF GOODS AND SERVICES PROVIDED BY VSN AND THEIR COMPLIANCE WITH SYSTEM DESIGN REQUIREMENTS WHEN INTEGRATED INTO A SYSTEM. BUYER SHALL DEFEND INDEMNIFY AND HOLD VSN HARMLESS AGAINST ALL PRODUCT LIABILITY, PRODUCT RECALL, AND OTHER CLAIMS, LIABILITIES AND EXPENSES, INCLUDING BUT NOT LIMITED TO ACTUAL ATTORNEY'S FEES, INCURRED BY VSN ARISING OUT OF ANY CLAIMED DESIGN OR ENGINEERING DEFECT RELATING TO SPECIFICATIONS PROVIDED BY BUYER TO VSN. TO THE EXTENT THAT SUCH FABRICATION SERVICES ARE CONTRACTED BY VSN THROUGH VIKING FABRICATION SERVICES LLC, IN THE EVENT THAT BUYER HAS A CLAIM RELATED TO SUCH FABRICATION SERVICES, BUYER SHALL BE BOUND TO THE THEN-CURRENT TERMS AND CONDITIONS OF SALE OF VIKING FABRICATION SERVICES LLC AVAILABLE AT WWW.VIKINGGROUPINC.COM, WHICH TERMS AND CONDITIONS ARE HEREBY INCORPORATED HEREIN IN THEIR ENTIRETY AND MADE A PART OF THESE TERMS AND CONDITIONS. TO THE EXTENT THAT SUCH FABRICATION SERVICES ARE CONTRACTED BY VSN THROUGH A THIRD PARTY FABRICATOR, BUYER CONSENTS AND AGREES THAT ALL CLAIMS OF BUYER WITH RESPECT TO SUCH FABRICATION SERVICES SHALL BE MADE DIRECTLY BY BUYER TO SUCH THIRD PARTY FABRICATOR, AND VSN HEREBY DISCLAIMS ALL WARRANTIES WITH REGARDS TO SUCH THIRD PARTY FABRICATION SERVICES. IN THE EVENT THAT BUYER HAS SUCH A CLAIM AGAINST A THIRD PARTY FABRICATOR, BUYER SHALL CONTACT THE THIRD PARTY FABRICATOR DIRECTLY.

b. BUYER ACKNOWLEDGES THAT ALL GOODS SOLD BY VSN ARE ACQUIRED THROUGH THIRD PARTY MANUFACTURERS. BUYER ACKNOWLEDGES THAT ANY WARRANTY FOR PRODUCTS ACQUIRED THROUGH VSN IS LIMITED TO THE WARRANTY PROVIDED BY THE MANUFACTURER OF THE GOODS ACQUIRED. BUYER CONSENTS AND AGREES THAT ALL CLAIMS OF BUYER WITH RESPECT TO THE CONDITION OR PERFORMANCE OF SUCH GOODS SHALL BE MADE DIRECTLY BY BUYER TO SUCH MANUFACTURERS. VSN HEREBY DISCLAIMS ALL WARRANTIES WITH REGARDS TO SUCH GOODS. IN THE EVENT THAT BUYER HAS SUCH A CLAIM, BUYER SHALL CONTACT MANUFACTURER DIRECTLY. IN THE EVENT THAT BUYER HAS SUCH A CLAIM RELATED TO GOODS SOLD BY VSN WHICH GOODS ARE MANUFACTURED BY THE VIKING CORPORATION, BUYER SHALL BE BOUND TO THE THEN-CURRENT TERMS AND CONDITIONS OF SALE OF THE VIKING CORPORATION AVAILABLE AT WWW.VIKINGGROUPINC.COM, WHICH TERMS AND CONDITIONS ARE HEREBY INCORPORATED HEREIN IN THEIR ENTIRETY AND MADE A PART OF THESE TERMS AND CONDITIONS.

c. NOTWITHSTANDING ANY OTHER PROVISION IN THIS DOCUMENT, BUYER EXPRESSLY DISCLAIMS AND EXCLUDES ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

6. **Force/Majeure**. VSN and Buyer assume the non-occurrence of the following contingencies which, without limitation, might render performance by VSN impractical: acts of God, governmental actions, terrorist acts, utility interruptions, strikes, riots, fires, war, assertions by third parties of infringement claims, late or non-delivery by suppliers to VSN, and all other contingencies beyond the reasonable control of VSN.

7. **NO CONSEQUENTIAL DAMAGES**. UNDER NO CIRCUMSTANCES WHATSOEVER SHALL VSN BE LIABLE FOR ANY INDIRECT, SPECIAL, OR CONSEQUENTIAL DAMAGES, WHETHER FORESEEABLE OR UNFORESEEABLE AND WHETHER BASED UPON LOST GOODWILL, LOST RESALE PROFITS, LOSS OF USE OF MONEY, WORK STOPPAGE, IMPAIRMENT OF OTHER ASSETS, OR OTHERWISE AND WHETHER ARISING OUT OF BREACH OF WARRANTY, BREACH OF CONTRACT, STRICT LIABILITY IN TORT, NEGLIGENCE, MISREPRESENTATION, OR OTHERWISE, EXCEPT ONLY IN THE CASE OF PERSONAL INJURY WHERE APPLICABLE LAW REQUIRES SUCH LIABILITY.

8. **Governing Law**. Michigan law shall govern all transactions to which these standard terms and conditions apply. VSN and Buyer agree that any action arising out of the sale of goods or services in accordance with this document will be brought, heard and decided in Kent County, Michigan. Buyer submits to personal jurisdiction in Michigan.

9. **Buyer's Design Responsibility**. Buyer acknowledges that VSN's goods are produced or provided according to Buyer's specifications. Buyer acknowledges that Buyer is not relying on VSN in any way with respect to the suitability of its products or the adequacy of the specifications. VSN has no responsibility for design, engineering, or other advice, regarding any product specifications provided by Buyer. Buyer shall defend, indemnify and hold VSN harmless against all product liability, product recall, and other claims, liabilities and expenses, including but not limited to actual attorney fees, incurred by VSN arising out of any claimed design or engineering defect relating to specifications provided by Buyer to VSN.

10. **Indemnification of VSN (General)**. Buyer shall indemnify, defend and hold VSN and its agents harmless from all claims, liabilities, and expenses, including but not limited to actual attorney fees, sustained by VSN or its agents that are caused by any action of Buyer relating to the goods or services sold by VSN to Buyer.

11. **Indemnification of VSN (Patents)**. Buyer shall indemnify, defend, and hold VSN and its agents harmless from all claims, liabilities, and expenses, including but not limited to actual attorney fees, arising out of any claim of infringement of a patent, copyright, trademark, trade name, or other proprietary right, or claim of unfair trade or of unfair competition in connection with the manufacture, sale, or use of the goods sold to Buyer, except to the extent that any claim, liability, or expense arises solely from specifications developed by VSN.

12. **Compliance Statement**. Commodities, technologies, or software exported by VSN from the United States are in accordance with Export Administration Regulations. Any export or re-export contrary to U.S. law is prohibited.

13. **Assignment**. Buyer shall not assign its rights or delegate its duties under this document without VSN's prior written consent. VSN may assign to any third party its rights and obligations with respect to Buyer.

14. **Entire Agreement and Amendment.** This document contains all of the terms of the agreement between VSN and Buyer with regard to its subject matter and supersedes all prior oral or written representations, agreements, and other communications between VSN and Buyer. The contract evidenced by this document may be amended only in writing signed by Buyer and an authorized agent of VSN.

15. **Severability**. All terms shall be enforced only to the maximum extend permitted by law. if any term is invalid or unenforceable, all other terms shall remain in effect.

THE VIKING CORPORATION
Standard Terms and Conditions of Sale

The terms set forth in this form are the sole terms for the sale of goods and services by The Viking Corporation ("Viking"), unless otherwise specifically provided for by Viking in this document, and shall apply to the exclusion of any inconsistent or additional terms contained in the end purchaser's (collectively, the "Buyer") order or acknowledgment or otherwise proposed by Buyer. Buyer's acceptance of these terms shall be conclusively presumed by Buyer's submission of a purchase order to Supply Network, Inc. d/b/a Viking SupplyNet, or by Buyer's acceptance of delivery of, or payment for, the goods and services. Any contract made for the sale of goods or services by Viking is expressly conditional on Buyer's assent to the terms stated in this document. Viking objects to any additional or inconsistent terms proposed by Buyer.

1. **Inspection/Acceptance/Return**. Buyer may not return any goods, under warranty claim or otherwise, without first reporting to Viking the reasons for such return and first obtaining and then observing such reasonable instructions as Viking may give in authorizing any return. All returns must be accompanied by a valid Viking RMA (return material authorization). Material accepted for return is subject to a minimum 20% restocking fee, or the standard restocking fee charged by the manufacturer or supplier on returns to them. Returned material must be unused or not installed, in its original packaging, and of current design. Sprinkler heads must be in unopened original packaging. Any returned material not in this condition is subject to additional charges to cover inspection, handling, repackaging, refurbishment, or any other expenses incurred by Viking in accepting the material. Viking may deny credit on returned merchandise not meeting these requirements.

2. **Special Order Items**. Orders for special goods or special painted products may be assessed additional charges and may experience extended lead times. Orders covering special goods and special painted products are not subject to cancellation except by written permission and upon payment for work already performed. Changes to products may result in the loss of listings or approvals.

3. **Non-Stock Goods**. Orders covering non-stock goods and materials are not subject to cancellation or return except by written permission and upon payment for work already performed.

4. **Dimensions and Weights**. Dimensions and weights when shown are approximate.

5. **DISCLAIMER OF WARRANTY.**

a. VIKING PRODUCTS ARE WARRANTED AGAINST DEFECTS IN MATERIAL AND WORKMANSHIP SOLELY TO ORIGINAL PURCHASERS FROM SUPPLY NETWORK, INC. D/B/A VIKING SUPPLYNET. VIKING AGREES TO REPAIR OR REPLACE, OR TO REFUND THE PURCHASE PRICE OF, VIKING PRODUCTS DEMONSTRATED TO BE DEFECTIVE IN MATERIAL AND WORKMANSHIP FOR A PERIOD OF ONE (1) YEAR FROM DATE OF SHIPMENT, PROVIDED THAT THE ORIGINAL BUYER PROVIDES WRITTEN NOTICE TO VIKING WITHIN THIRTY (30) DAYS FOLLOWING DISCOVERY OF SUCH DEFECT. TO DEMONSTRATE A DEFECT, PRODUCTS MUST BE SENT, ALONG WITH THE WRITTEN NOTICE, TO THE VIKING CORPORATION, ATTENTION: RETURNS DEPT., 210 N. INDUSTRIAL PARK DRIVE, HASTINGS, MICHIGAN 49058. THIS WARRANTY SHALL NOT APPLY, HOWEVER, TO ANY VIKING PRODUCTS WHICH HAVE BEEN REPAIRED OR ALTERED OUTSIDE OF VIKING'S FACTORY, HAVE BEEN SUBJECT TO MISUSE, NEGLIGENCE OR ACCIDENTS, HAVE BEEN INCORPORATED AS A PART OR COMPONENT OF A PRODUCT OR SYSTEM MANUFACTURED BY AN ENTITY OTHER THAN VIKING, OR HAVE BEEN USED IN A MANNER CONTRARY TO VIKING'S INSTRUCTIONS OR RECOMMENDATIONS.

b. BUYER ACKNOWLEDGES THAT ANY WARRANTY FOR PRODUCTS ACQUIRED BY VIKING THROUGH A THIRD PARTY MANUFACTURER IS LIMITED TO THE WARRANTY PROVIDED BY THE MANUFACTURER OF THE GOODS ACQUIRED. BUYER CONSENTS AND AGREES THAT ALL CLAIMS OF BUYER WITH RESPECT TO THE CONDITION OR PERFORMANCE OF SUCH GOODS SHALL BE MADE DIRECTLY BY BUYER TO SUCH MANUFACTURERS. VIKING HEREBY DISCLAIMS ALL WARRANTIES WITH REGARDS TO SUCH GOODS. IN THE EVENT THAT BUYER HAS SUCH A CLAIM, BUYER SHALL CONTACT MANUFACTURER DIRECTLY.

c. NOTWITHSTANDING ANY OTHER PROVISION IN THIS DOCUMENT, VIKING EXPRESSLY DISCLAIMS AND EXCLUDES ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. VIKING NEITHER ASSUMES NOR AUTHORIZES ANY ENTITY TO ASSUME ON ITS BEHALF ANY OTHER OBLIGATION IN CONNECTION WITH ITS PRODUCTS.

6. **Force/Majeure**. Viking and Buyer assume the non-occurrence of the following contingencies which, without limitation, might render performance by Viking impractical: acts of God, governmental actions, terrorist acts, utility interruptions, strikes, riots, fires, war, assertions by third parties of infringement claims, late or non-delivery by suppliers to Viking, and all other contingencies beyond the reasonable control of Viking.

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10. **Indemnification of Viking (General)**. Buyer shall indemnify, defend and hold Viking and its agents harmless from all claims, liabilities, and expenses, including but not limited to actual attorney fees, sustained by Viking or its agents that are caused by any action of Buyer relating to the goods or services sold by Viking to Buyer.

11. **Indemnification of Viking (Patents)**. Buyer shall indemnify, defend, and hold Viking and its agents harmless from all claims, liabilities, and expenses, including but not limited to actual attorney fees, arising out of any claim of infringement of a patent, copyright, trademark, trade name, or other proprietary right, or claim of unfair trade or of unfair competition in connection with the manufacture, sale, or use of the goods sold to Buyer, except to the extent that any claim, liability, or expense arises solely from specifications developed by Viking.

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