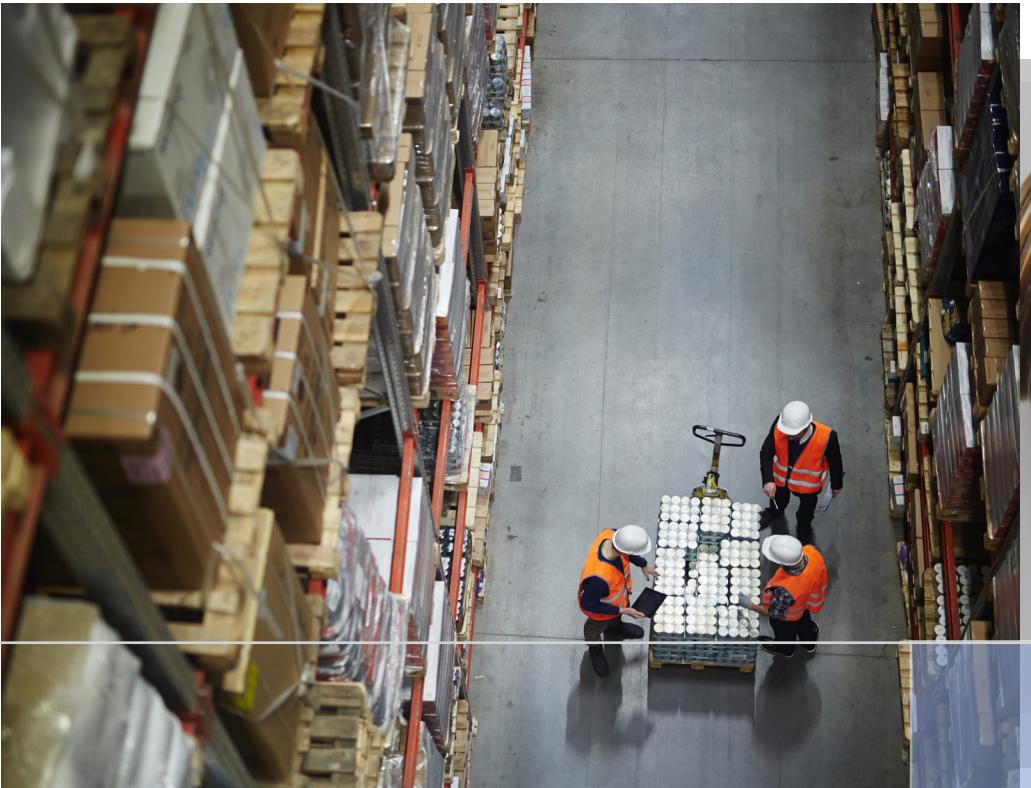




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Fire Protection Products | List Price Book

January 2020





210 N. Industrial Park Drive
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www.vikinggroupinc.com

General Inquiries

Toll Free: (800) 968-9501
Phone: (269) 945-9501
Fax: (269) 945-9599
Email: info@vikingcorp.com

Technical Services:

Toll Free: (877) 384-5464
Phone: (269) 945-9501
Fax: (269) 818-1680
Email: techsvcs@vikingcorp.com

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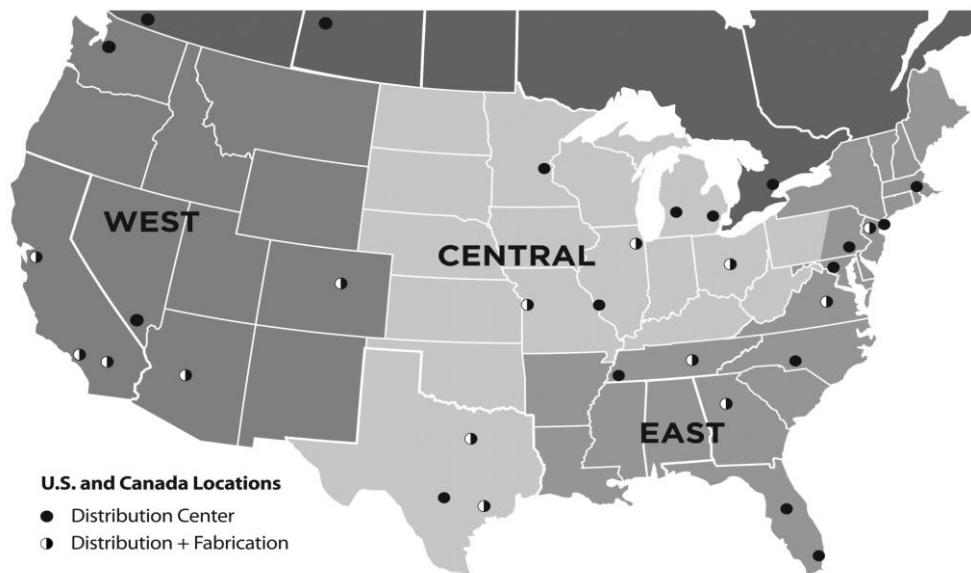




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Section A - Sprinklers

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 20, 2020. Supersedes January 2019 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	V101.1	\$24.25
Standard Brass	175°F	12986AD	V101.1	\$24.25
Standard Brass	200°F	12986AE	V101.1	\$24.25
Standard Brass	212°F	12986AM	V101.1	\$24.25
Standard Brass	286°F	12986AG	V101.1	\$24.25
Standard Brass	360°F	12986AH	V108	\$24.25
Chrome	155°F	12986FB	V101.1	\$38.91
Chrome	175°F	12986FD	V101.1	\$38.91
Chrome	200°F	12986FE	V101.1	\$38.91
Chrome	212°F	12986FM	V101.1	\$38.91
Chrome	286°F	12986FG	V101.1	\$38.91
Chrome	360°F	12986FH	V108	\$38.91
White-Polyester ¹	155°F	12986MB/W	V101.1	\$38.91
White-Polyester	175°F	12986MD/W	V101.1	\$38.91
White-Polyester	200°F	12986ME/W	V101.1	\$38.91
White-Polyester	212°F	12986MM/W	V101.1	\$38.91
White-Polyester	286°F	12986MG/W	V101.1	\$38.91
White-Polyester	360°F	12986MH/W	V108	\$38.91
Black-Polyester ¹	155°F	12986MB/B	V101.1	\$60.63
Black-Polyester	175°F	12986MD/B	V101.1	\$60.63
Black-Polyester	200°F	12986ME/B	V101.1	\$60.63
Black-Polyester	212°F	12986MM/B	V101.1	\$60.63
Black-Polyester	286°F	12986MG/B	V101.1	\$60.63
Black-Polyester	360°F	12986MH/B	V108	\$60.63
Wax Coated ²	155°F	12986CB	V102	\$46.80
Wax Coated	175°F	12986CD	V102	\$46.80
Wax Coated	200°F	12986CE	V102	\$46.80
Wax Coated	212°F	12986CM	V102	\$46.80
Wax Coated	286°F	12986CG	V102	\$46.80
Polyester & Wax	155°F	12986VB/W	V102	\$53.31
Polyester & Wax	175°F	12986VD/W	V102	\$53.31
Polyester & Wax	200°F	12986VE/W	V102	\$53.31
Polyester & Wax	212°F	12986VM/W	V102	\$53.31
Polyester & Wax	286°F	12986VG/W	V102	\$53.31
Nickel PTFE (ENT) ³	155°F	12986JNB	V188.A	\$68.90
Nickel PTFE (ENT)	175°F	12986JND	V188.A	\$68.90
Nickel PTFE (ENT)	200°F	12986JNE	V188.A	\$68.90
Nickel PTFE (ENT)	286°F	12986JNG	V188.A	\$68.90

Installation Wrenches

Wrench - Std Upright / Pdt	21475M/B	V207	\$77.63
Wrench - Wax Coated Spk	13577W/B	V207	\$149.61
Wrench - Recessed Pndnt	13655W/B	V207	\$149.61



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	V101.1	\$29.81
Standard Brass	175°F	12987AD	V101.1	\$29.81
Standard Brass	200°F	12987AE	V101.1	\$29.81
Standard Brass	212°F	12987AM	V101.1	\$29.81
Standard Brass	286°F	12987AG	V101.1	\$29.81
Standard Brass	360°F	12987AH	V108	\$29.81
Chrome	155°F	12987FB	V101.1	\$32.84
Chrome	175°F	12987FD	V101.1	\$32.84
Chrome	200°F	12987FE	V101.1	\$32.84
Chrome	212°F	12987FM	V101.1	\$32.84
Chrome	286°F	12987FG	V101.1	\$32.84
Chrome	360°F	12987FH	V108	\$32.84
White-Polyester ¹	155°F	12987MB/W	V101.1	\$32.84
White-Polyester	175°F	12987MD/W	V101.1	\$32.84
White-Polyester	200°F	12987ME/W	V101.1	\$32.84
White-Polyester	212°F	12987MM/W	V101.1	\$32.84
White-Polyester	286°F	12987MG/W	V101.1	\$32.84
White-Polyester	360°F	12987MH/W	V108	\$32.84
Black-Polyester ¹	155°F	12987MB/B	V101.1	\$60.63
Black-Polyester	175°F	12987MD/B	V101.1	\$60.63
Black-Polyester	200°F	12987ME/B	V101.1	\$60.63
Black-Polyester	212°F	12987MM/B	V101.1	\$60.63
Black-Polyester	286°F	12987MG/B	V101.1	\$60.63
Black-Polyester	360°F	12987MH/B	V108	\$60.63
Wax Coated ²	155°F	12987CB	V102	\$46.80
Wax Coated	175°F	12987CD	V102	\$46.80
Wax Coated	200°F	12987CE	V102	\$46.80
Wax Coated	212°F	12987CM	V102	\$46.80
Wax Coated	286°F	12987CG	V102	\$46.80
Polyester & Wax	155°F	12987VB/W	V102	\$53.31
Polyester & Wax	175°F	12987VD/W	V102	\$53.31
Polyester & Wax	200°F	12987VE/W	V102	\$53.31
Polyester & Wax	212°F	12987VM/W	V102	\$53.31
Polyester & Wax	286°F	12987VG/W	V102	\$53.31
Nickel PTFE (ENT) ³	155°F	12987JNB	V188.A	\$68.90
Nickel PTFE (ENT)	175°F	12987JND	V188.A	\$68.90
Nickel PTFE (ENT)	200°F	12987JNE	V188.A	\$68.90
Nickel PTFE (ENT)	286°F	12987JNG	V188.A	\$68.90

Select Escutcheons - Recessed Pendent Sprinklers*

E1 push-on (chrome, 1/2 in)	06419AF	V200	\$8.28
E1 push-on (white, 1/2 in)	06419AM/W	V200	\$8.28
E2 threaded (chrome, 1/2 in)	11038F	V200	\$8.31

*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

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	19914AA	V101	\$23.35
Standard Brass	155°F	19914AB	V101	\$23.35
Standard Brass	175°F	19914AD	V101	\$23.35
Standard Brass	200°F	19914AE	V101	\$23.35
Standard Brass	286°F	19914AG	V101	\$23.35
Chrome	135°F	19914FA	V101	\$37.45
Chrome	155°F	19914FB	V101	\$37.45
Chrome	175°F	19914FD	V101	\$37.45
Chrome	200°F	19914FE	V101	\$37.45
Chrome	286°F	19914FG	V101	\$37.45
White-Polyester ¹	135°F	19914MA/W	V101	\$37.45
White-Polyester ¹	155°F	19914MB/W	V101	\$37.45
White-Polyester	175°F	19914MD/W	V101	\$37.45
White-Polyester	200°F	19914ME/W	V101	\$37.45
White-Polyester	286°F	19914MG/W	V101	\$37.45
Black-Polyester ¹	135°F	19914MA/B	V101	\$58.37
Black-Polyester ¹	155°F	19914MB/B	V101	\$58.37
Black-Polyester	175°F	19914MD/B	V101	\$58.37
Black-Polyester	200°F	19914ME/B	V101	\$58.37
Black-Polyester	286°F	19914MG/B	V101	\$58.37
Nickel PTFE (ENT) ²	135°F	19914JNA	V188.A	\$68.90
Nickel PTFE (ENT) ²	155°F	19914JNB	V188.A	\$68.90
Nickel PTFE (ENT)	175°F	19914JND	V188.A	\$68.90
Nickel PTFE (ENT)	200°F	19914JNE	V188.A	\$68.90
Nickel PTFE (ENT)	286°F	19914JNG	V188.A	\$68.90

Installation Wrenches

Wrench - Installer	22940MB	V207	\$77.63
Wrench - Spk Cabinet	20901M/B	V207	\$77.63
Wrench - Recessed	20951M/B	V207	\$149.61
Wrench - Straight	22940MB	V207	\$77.63

Select Escutcheons - Recessed Pendent Sprinklers*

NP-1 push-on (chrome, 1/2 in)	22066F	V200	\$8.28
NP-1 push-on (white, 1/2 in)	22066M/W	V200	\$8.28
NP-2 threaded (chrome, 1/2 in)	22067F	V200	\$8.31

*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

**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	18263AB	V114.1	\$28.43
Standard Brass	175°F	18263AD	V114.1	\$28.43
Standard Brass	200°F	18263AE	V114.1	\$28.43
Standard Brass	286°F	18263AG	V114.1	\$28.43
Standard Brass	360°F	18263AH	V118	\$28.43
Chrome	155°F	18263FB	V114.1	\$32.54
Chrome	175°F	18263FD	V114.1	\$32.54
Chrome	200°F	18263FE	V114.1	\$32.54
Chrome	286°F	18263FG	V114.1	\$32.54
Chrome	360°F	18263FH	V118	\$32.54
White-Polyester ¹	155°F	18263MB/W	V114.1	\$32.54
White-Polyester	175°F	18263MD/W	V114.1	\$32.54
White-Polyester	200°F	18263ME/W	V114.1	\$32.54
White-Polyester	286°F	18263MG/W	V114.1	\$32.54
White-Polyester	360°F	18263MH/W	V114.1	\$32.54
Black-Polyester ¹	155°F	18263MB/B	V114.1	\$56.82
Black-Polyester	175°F	18263MD/B	V114.1	\$56.82
Black-Polyester	200°F	18263ME/B	V114.1	\$56.82
Black-Polyester	286°F	18263MG/B	V114.1	\$56.82
Black-Polyester	360°F	18263MH/B	V118	\$56.82
Polyester & Wax	155°F	18263VB/W	V115	\$60.59
Nickel PTFE (ENT) ²	155°F	18263JNB	V188.A	\$89.72
Nickel PTFE (ENT)	175°F	18263JND	V188.A	\$89.72
Nickel PTFE (ENT)	200°F	18263JNE	V188.A	\$89.72
Nickel PTFE (ENT)	286°F	18263JNG	V188.A	\$89.72

Finish	Temp	Part #	IPG	List Price
Standard Brass	155°F	18264AB	V114.1	\$31.14
Standard Brass	175°F	18264AD	V114.1	\$31.14
Standard Brass	200°F	18264AE	V114.1	\$31.14
Standard Brass	286°F	18264AG	V114.1	\$31.14
Standard Brass	360°F	18264AH	V118	\$31.14
Chrome	155°F	18264FB	V114.1	\$37.55
Chrome	175°F	18264FD	V114.1	\$37.55
Chrome	200°F	18264FE	V114.1	\$37.55
Chrome	286°F	18264FG	V114.1	\$37.55
Chrome	360°F	18264FH	V118	\$37.55
White-Polyester ¹	155°F	18264MB/W	V114.1	\$37.55
White-Polyester	175°F	18264MD/W	V114.1	\$37.55
White-Polyester	200°F	18264ME/W	V114.1	\$37.55
White-Polyester	286°F	18264MG/W	V114.1	\$37.55
White-Polyester	360°F	18264MH/W	V114.1	\$37.55
Black-Polyester ¹	155°F	18264MB/B	V114.1	\$69.30
Black-Polyester	175°F	18264MD/B	V114.1	\$69.30
Black-Polyester	200°F	18264ME/B	V114.1	\$69.30
Black-Polyester	286°F	18264MG/B	V114.1	\$69.30
Black-Polyester	360°F	18264MH/B	V114.1	\$69.30
Polyester & Wax	155°F	18264VB/W	V115	\$60.59
Nickel PTFE (ENT) ²	155°F	18264JNB	V188.A	\$89.72
Nickel PTFE (ENT)	175°F	18264JND	V188.A	\$89.72
Nickel PTFE (ENT)	200°F	18264JNE	V188.A	\$89.72
Nickel PTFE (ENT)	286°F	18264JNG	V188.A	\$89.72

Installation Wrenches

Wrench - Std Upright / Pdt	21475M/B	V207	\$77.63
Wrench - Wax Coated Spk	13577W/B	V207	\$149.61
Wrench - Recessed Pndnt	13655W/B	V207	\$149.61

Select Escutcheons - Recessed Pendent Sprinklers*

E1 push-on (chrome, 3/4 in)	20369F	V200	\$8.31
E1 push-on (white, 3/4 in)	20369M/W	V200	\$8.31
E2 threaded (chrome, 3/4 in)	20130F	V200	\$8.31

*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

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	19922AA	V114	\$27.36
Standard Brass	155°F	19922AB	V114	\$27.36
Standard Brass	175°F	19922AD	V114	\$27.36
Standard Brass	200°F	19922AE	V114	\$27.36
Standard Brass	286°F	19922AG	V114	\$27.36
Chrome	135°F	19922FA	V114	\$31.33
Chrome	155°F	19922FB	V114	\$31.33
Chrome	175°F	19922FD	V114	\$31.33
Chrome	200°F	19922FE	V114	\$31.33
Chrome	286°F	19922FG	V114	\$31.33
White-Polyester ¹	135°F	19922MA/W	V114	\$31.33
White-Polyester	155°F	19922MB/W	V114	\$31.33
White-Polyester	175°F	19922MD/W	V114	\$31.33
White-Polyester	200°F	19922ME/W	V114	\$31.33
White-Polyester	286°F	19922MG/W	V114	\$31.33
Black-Polyester ¹	135°F	19922MA/B	V114	\$54.70
Black-Polyester	155°F	19922MB/B	V114	\$54.70
Black-Polyester	175°F	19922MD/B	V114	\$54.70
Black-Polyester	200°F	19922ME/B	V114	\$54.70
Black-Polyester	286°F	19922MG/B	V114	\$54.70
Nickel PTFE (ENT) ²	135°F	19922JNA	V188.A	\$89.72
Nickel PTFE (ENT)	155°F	19922JNB	V188.A	\$89.72
Nickel PTFE (ENT)	175°F	19922JND	V188.A	\$89.72
Nickel PTFE (ENT)	200°F	19922JNE	V188.A	\$89.72
Nickel PTFE (ENT)	286°F	19922JNG	V188.A	\$89.72

Finish	Temp	Part #	IPG	List Price
Standard Brass	135°F	19923AA	V114	\$29.98
Standard Brass	155°F	19923AB	V114	\$29.98
Standard Brass	175°F	19923AD	V114	\$29.98
Standard Brass	200°F	19923AE	V114	\$29.98
Standard Brass	286°F	19923AG	V114	\$29.98
Chrome	135°F	19923FA	V114	\$36.14
Chrome	155°F	19923FB	V114	\$36.14
Chrome	175°F	19923FD	V114	\$36.14
Chrome	200°F	19923FE	V114	\$36.14
Chrome	286°F	19923FG	V114	\$36.14
White-Polyester ¹	135°F	19923MA/W	V114	\$36.14
White-Polyester	155°F	19923MB/W	V114	\$36.14
White-Polyester	175°F	19923MD/W	V114	\$36.14
White-Polyester	200°F	19923ME/W	V114	\$36.14
White-Polyester	286°F	19923MG/W	V114	\$36.14
Black-Polyester ¹	135°F	19923MA/B	V114	\$66.70
Black-Polyester	155°F	19923MB/B	V114	\$66.70
Black-Polyester	175°F	19923MD/B	V114	\$66.70
Black-Polyester	200°F	19923ME/B	V114	\$66.70
Black-Polyester	286°F	19923MG/B	V114	\$66.70
Nickel PTFE (ENT) ²	135°F	19923JNA	V188.A	\$89.72
Nickel PTFE (ENT)	155°F	19923JNB	V188.A	\$89.72
Nickel PTFE (ENT)	175°F	19923JND	V188.A	\$89.72
Nickel PTFE (ENT)	200°F	19923JNE	V188.A	\$89.72
Nickel PTFE (ENT)	286°F	19923JNG	V188.A	\$89.72

Installation Wrenches

Wrench - Installer	22940MB	V207	\$77.63
Wrench - Spk Cabinet	20901M/B	V207	\$77.63
Wrench - Recessed	20951M/B	V207	\$149.61
Wrench - Straight	22940MB	V207	\$77.63

Select Escutcheons - Recessed Pendent Sprinklers*

NP-1 push-on (chrome, 3/4 in)	22071F	V200	\$8.31
NP-1 push-on (white, 3/4 in)	22071M/W	V200	\$8.31
NP-2 threaded (chrome, 3/4 in)	22072M/W	V200	\$8.31

*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

**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	18268AB	V113.1	\$28.51
Standard Brass	175°F	18268AD	V113.1	\$28.51
Standard Brass	200°F	18268AE	V113.1	\$28.51
Standard Brass	286°F	18268AG	V113.1	\$28.51
Standard Brass	360°F	18268AH	V118	\$28.51
Chrome	155°F	18268FB	V113.1	\$41.91
Chrome	175°F	18268FD	V113.1	\$41.91
Chrome	200°F	18268FE	V113.1	\$41.91
Chrome	286°F	18268FG	V113.1	\$41.91
Chrome	360°F	18268FH	V113.1	\$41.91
White-Polyester ¹	155°F	18268MB/W	V113.1	\$34.36
White-Polyester	175°F	18268MD/W	V113.1	\$34.36
White-Polyester	200°F	18268ME/W	V113.1	\$34.36
White-Polyester	286°F	18268MG/W	V113.1	\$34.36
White-Polyester	360°F	18268MH/W	V113.1	\$34.36
Black-Polyester ¹	155°F	18268MB/B	V113.1	\$44.38
Black-Polyester	175°F	18268MD/B	V113.1	\$44.38
Black-Polyester	200°F	18268ME/B	V113.1	\$44.38
Black-Polyester	286°F	18268MG/B	V113.1	\$44.38
Black-Polyester	360°F	18268MH/B	V113.1	\$44.38
Wax Coated ²	155°F	18268CB	V113.1	\$68.80
Wax Coated	175°F	18268CD	V113.1	\$68.80
Wax Coated	200°F	18268CE	V113.1	\$68.80
Wax Coated	286°F	18268CG	V113.1	\$68.80

Finish ³	Temp	Part #	IPG	List Price
Standard Brass	155°F	18269AB	V113.1	\$34.76
Standard Brass	175°F	18269AD	V113.1	\$34.76
Standard Brass	200°F	18269AE	V113.1	\$34.76
Standard Brass	286°F	18269AG	V113.1	\$34.76
Standard Brass	360°F	18269AH	V118	\$34.76
Chrome	155°F	18269FB	V113.1	\$41.91
Chrome	175°F	18269FD	V113.1	\$41.91
Chrome	200°F	18269FE	V113.1	\$41.91
Chrome	286°F	18269FG	V113.1	\$41.91
Chrome	360°F	18269FH	V118	\$41.91
White-Polyester ¹	155°F	18269MB/W	V113.1	\$41.91
White-Polyester	175°F	18269MD/W	V113.1	\$41.91
White-Polyester	200°F	18269ME/W	V113.1	\$41.91
White-Polyester	286°F	18269MG/W	V113.1	\$41.91
White-Polyester	360°F	18269MH/W	V113.1	\$41.91
Black-Polyester ¹	155°F	18269MB/B	V113.1	\$54.13
Black-Polyester	175°F	18269MD/B	V113.1	\$54.13
Black-Polyester	200°F	18269ME/B	V113.1	\$54.13
Black-Polyester	286°F	18269MG/B	V113.1	\$54.13
Black-Polyester	360°F	18269MH/B	V113.1	\$54.13
Wax Coated ²	155°F	18269CB	V113.1	\$68.80
Wax Coated	175°F	18269CD	V113.1	\$68.80
Wax Coated	200°F	18269CE	V113.1	\$68.80
Wax Coated	286°F	18269CG	V113.1	\$68.80

Installation Wrenches

Wrench - Std Upright / Pdt	21475M/B	V207	\$77.63
Wrench - Wax Coated Spk	13577W/B	V207	\$149.61
Wrench - Recessed Pndnt	13655W/B	V207	\$149.61

Select Escutcheons - Recessed Pendent Sprinklers*

E1 push-on (chrome, 1/2 in)	06419AF	V200	\$8.28
E1 push-on (white, 1/2 in)	06419AM/W	V200	\$8.28
E2 threaded (chrome, 1/2 in)	11038F	V200	\$8.31

*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

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	19918AA	V113	\$27.44
Standard Brass	155°F	19918AB	V113	\$27.44
Standard Brass	175°F	19918AD	V113	\$27.44
Standard Brass	200°F	19918AE	V113	\$27.44
Standard Brass	286°F	19918AG	V113	\$27.44
Chrome	135°F	19918FA	V113	\$40.34
Chrome	155°F	19918FB	V113	\$40.34
Chrome	175°F	19918FD	V113	\$40.34
Chrome	200°F	19918FE	V113	\$40.34
Chrome	286°F	19918FG	V113	\$40.34
White-Polyester ¹	135°F	19918MA/W	V113	\$33.08
White-Polyester	155°F	19918MB/W	V113	\$33.08
White-Polyester	175°F	19918MD/W	V113	\$33.08
White-Polyester	200°F	19918ME/W	V113	\$33.08
White-Polyester	286°F	19918MG/W	V113	\$33.08
Black-Polyester ¹	135°F	19918MA/B	V113	\$42.73
Black-Polyester	155°F	19918MB/B	V113	\$42.73
Black-Polyester	175°F	19918MD/B	V113	\$42.73
Black-Polyester	200°F	19918ME/B	V113	\$42.73
Black-Polyester	286°F	19918MG/B	V113	\$42.73
Nickel PTFE (ENT) ²	135°F	19918JNA	V188.A	\$111.23
Nickel PTFE (ENT)	155°F	19918JNB	V188.A	\$111.23
Nickel PTFE (ENT)	175°F	19918JND	V188.A	\$111.23
Nickel PTFE (ENT)	200°F	19918JNE	V188.A	\$111.23
Nickel PTFE (ENT)	286°F	19918JNG	V188.A	\$111.23

Installation Wrenches				
Wrench - Installer	22940MB	V207	\$77.63	
Wrench - Spk Cabinet	20901M/B	V207	\$77.63	
Wrench - Recessed	20951M/B	V207	\$149.61	
Wrench - Straight	22940MB	V207	\$77.63	

Finish ³	Temp	Part #	IPG	List Price
Standard Brass	135°F	19919AA	V113	\$33.46
Standard Brass	155°F	19919AB	V113	\$33.46
Standard Brass	175°F	19919AD	V113	\$33.46
Standard Brass	200°F	19919AE	V113	\$33.46
Standard Brass	286°F	19919AG	V113	\$33.46
Chrome	135°F	19919FA	V113	\$40.34
Chrome	155°F	19919FB	V113	\$40.34
Chrome	175°F	19919FD	V113	\$40.34
Chrome	200°F	19919FE	V113	\$40.34
Chrome	286°F	19919FG	V113	\$40.34
White-Polyester ¹	135°F	19919MA/W	V113	\$40.34
White-Polyester	155°F	19919MB/W	V113	\$40.34
White-Polyester	175°F	19919MD/W	V113	\$40.34
White-Polyester	200°F	19919ME/W	V113	\$40.34
White-Polyester	286°F	19919MG/W	V113	\$40.34
Black-Polyester ¹	135°F	19919MA/B	V113	\$52.10
Black-Polyester	155°F	19919MB/B	V113	\$52.10
Black-Polyester	175°F	19919MD/B	V113	\$52.10
Black-Polyester	200°F	19919ME/B	V113	\$52.10
Black-Polyester	286°F	19919MG/B	V113	\$52.10
Nickel PTFE (ENT) ²	135°F	19919JNA	V188.A	\$111.23
Nickel PTFE (ENT)	155°F	19919JNB	V188.A	\$111.23
Nickel PTFE (ENT)	175°F	19919JND	V188.A	\$111.23
Nickel PTFE (ENT)	200°F	19919JNE	V188.A	\$111.23
Nickel PTFE (ENT)	286°F	19919JNG	V188.A	\$111.23

Select Escutcheons - Recessed Pendent Sprinklers*				
NP-1 push-on (chrome, 1/2 in)	22066F	V200	\$8.28	
NP-1 push-on (white, 1/2 in)	22066M/W	V200	\$8.28	
NP-2 threaded (chrome, 1/2 in)	22067F	V200	\$8.31	

*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



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	19383AB	V101	\$31.24
Standard Brass	175°F	19383AD	V101	\$31.24
Standard Brass	200°F	19383AE	V101	\$31.24
Standard Brass	286°F	19383AG	V101	\$31.24
Standard Brass	360°F	19383AH	V101	\$31.24
Chrome	155°F	19383FB	V101	\$37.78
Chrome	175°F	19383FD	V101	\$37.78
Chrome	200°F	19383FE	V101	\$37.78
Chrome	286°F	19383FG	V101	\$37.78
Chrome	360°F	19383FH	V101	\$37.78
White-Polyester ¹	155°F	19383MB/W	V101	\$40.49
White-Polyester	175°F	19383MD/W	V101	\$40.49
White-Polyester	200°F	19383ME/W	V101	\$40.49
White-Polyester	286°F	19383MG/W	V101	\$40.49
White-Polyester	360°F	19383MH/W	V101	\$40.49
Black-Polyester ¹	155°F	19383MB/B	V101	\$61.20
Black-Polyester	175°F	19383MD/B	V101	\$61.20
Black-Polyester	200°F	19383ME/B	V101	\$61.20
Black-Polyester	286°F	19383MG/B	V101	\$61.20
Black-Polyester	360°F	19383MH/B	V101	\$61.20
Nickel PTFE (ENT) ²	155°F	19383JNB	V188.A	\$68.90
Nickel PTFE (ENT)	175°F	19383JND	V188.A	\$68.90
Nickel PTFE (ENT)	200°F	19383JNE	V188.A	\$68.90
Nickel PTFE (ENT)	286°F	19383JNG	V188.A	\$68.90
Nickel PTFE (ENT)	360°F	19383JNH	V188.A	\$68.90

Finish	Temp	Part #	IPG	List Price
Standard Brass	155°F	18270AB	V114	\$29.98
Standard Brass	175°F	18270AD	V114	\$29.98
Standard Brass	200°F	18270AE	V114	\$29.98
Standard Brass	286°F	18270AG	V114	\$29.98
Standard Brass	360°F	18270AH	V114	\$29.98
Chrome	155°F	18270FB	V114	\$36.14
Chrome	175°F	18270FD	V114	\$36.14
Chrome	200°F	18270FE	V114	\$36.14
Chrome	286°F	18270FG	V114	\$36.14
Chrome	360°F	18270FH	V114	\$36.14
White-Polyester ¹	155°F	18270MB/W	V114	\$36.14
White-Polyester	175°F	18270MD/W	V114	\$36.14
White-Polyester	200°F	18270ME/W	V114	\$36.14
White-Polyester	286°F	18270MG/W	V114	\$36.14
White-Polyester	360°F	18270MH/W	V114	\$36.14
Black-Polyester ¹	155°F	18270MB/B	V114	\$66.70
Black-Polyester	175°F	18270MD/B	V114	\$66.70
Black-Polyester	200°F	18270ME/B	V114	\$66.70
Black-Polyester	286°F	18270MG/B	V114	\$66.70
Black-Polyester	360°F	18270MH/B	V114	\$66.70
Nickel PTFE (ENT) ²	155°F	18270JNB	V188.A	\$89.72
Nickel PTFE (ENT)	175°F	18270JND	V188.A	\$89.72
Nickel PTFE (ENT)	200°F	18270JNE	V188.A	\$89.72
Nickel PTFE (ENT)	286°F	18270JNG	V188.A	\$89.72
Nickel PTFE (ENT)	360°F	18270JNH	V188.A	\$89.72

Installation Wrenches

Wrench - Std Upright / Pdt	21475M/B	V207	\$77.63
Wrench - Wax Coated Spk	13577W/B	V207	\$149.61
Wrench - Recessed Pndnt	13655W/B	V207	\$149.61

Select Escutcheons - Recessed Pendent Sprinklers*

E1 push-on (chrome, 1/2 in)	06419AF	V200	\$8.28
E1 push-on (white, 1/2 in)	06419AM/W	V200	\$8.28
E2 threaded (chrome, 1/2 in)	11038F	V200	\$8.31

*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



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	12995AB	V107	\$33.86
Standard Brass	175°F	12995AD	V107	\$33.86
Standard Brass	200°F	12995AE	V107	\$33.86
Standard Brass	286°F	12995AG	V107	\$33.86
Standard Brass	360°F	12995AH	V107	\$33.86
Chrome	155°F	12995FB	V107	\$39.08
Chrome	175°F	12995FD	V107	\$39.08
Chrome	200°F	12995FE	V107	\$39.08
Chrome	286°F	12995FG	V107	\$39.08
Chrome	360°F	12995FH	V107	\$39.08
White-Polyester ¹	155°F	12995MB/W	V107	\$39.08
White-Polyester	175°F	12995MD/W	V107	\$39.08
White-Polyester	200°F	12995ME/W	V107	\$39.08
White-Polyester	286°F	12995MG/W	V107	\$39.08
White-Polyester	360°F	12995MH/W	V107	\$39.08
Black-Polyester ¹	155°F	12995MB/B	V107	\$50.72
Black-Polyester	175°F	12995MD/B	V107	\$50.72
Black-Polyester	200°F	12995ME/B	V107	\$50.72
Black-Polyester	286°F	12995MG/B	V107	\$50.72
Black-Polyester	360°F	12995MH/B	V107	\$50.72
Wax Coated	155°F	12995CB	V102	\$44.56
Wax Coated	175°F	12995CD	V102	\$44.56
Wax Coated	200°F	12995CE	V102	\$44.56
Polyester & Wax	155°F	12995VB/W	V102	\$52.77
Polyester & Wax	175°F	12995VD/W	V102	\$52.77
Polyester & Wax	200°F	12995VE/W	V102	\$52.77

Finish ²	Temp	Part #	IPG	List Price
Standard Brass	155°F	12996AB	V107	\$53.26
Standard Brass	175°F	12996AD	V107	\$53.26
Standard Brass	200°F	12996AE	V107	\$53.26
Standard Brass	286°F	12996AG	V107	\$53.26
Standard Brass	360°F	12996AH	V107	\$53.26
Chrome	155°F	12996FB	V107	\$59.13
Chrome	175°F	12996FD	V107	\$59.13
Chrome	200°F	12996FE	V107	\$59.13
Chrome	286°F	12996FG	V107	\$59.13
Chrome	360°F	12996FH	V107	\$59.13
White-Polyester ¹	155°F	12996MB/W	V107	\$59.13
White-Polyester	175°F	12996MD/W	V107	\$59.13
White-Polyester	200°F	12996ME/W	V107	\$59.13
White-Polyester	286°F	12996MG/W	V107	\$59.13
White-Polyester	360°F	12996MH/W	V107	\$59.13
Black-Polyester ¹	155°F	12996MB/B	V107	\$61.94
Black-Polyester	175°F	12996MD/B	V107	\$61.94
Black-Polyester	200°F	12996ME/B	V107	\$61.94
Black-Polyester	286°F	12996MG/B	V107	\$61.94
Black-Polyester	360°F	12996MH/B	V107	\$61.94

Installation Wrenches

Wrench - Std Upright / Pdt	21475M/B	V207	\$77.63
Wrench - Wax Coated Spk	13577W/B	V207	\$149.61
Wrench - Recessed HSW	13655W/B	V207	\$149.61

Select Escutcheons - Recessed Pendent Sprinklers*

E1 push-on (chrome, 1/2 in)	06419AF	V200	\$8.28
E1 push-on (white, 1/2 in)	06419AM/W	V200	\$8.28
E2 threaded (chrome, 1/2 in)	11038F	V200	\$8.31

*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 Pendant

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	\$60.04
Standard Brass	175°F	20034AD	V112	\$60.04
Standard Brass	200°F	20034AE	V112	\$60.04
Heavy Duty Spk Wrench		14047W/B	V207	\$149.61
Cabinet Wrench / Tool		14031	V205	\$30.63

Standard Cover Plate¹

Diameter = 2-3/4 inches



Finish	Temp	Part #	IPG	List Price
Polished Chrome	135°F	23190FA	V208	\$94.24
Polished Chrome	165°F	23190FC	V208	\$94.24
White	135°F	23190MA/W	V208	\$35.95
White	165°F	23190MC/W	V208	\$35.95
Ivory	135°F	23190MA/I	V209	\$44.98
Ivory	165°F	23190MC/I	V209	\$44.98
Black	135°F	23190MA/B	V209	\$44.98
Black	165°F	23190MC/B	V209	\$44.98
Bright Brass	135°F	23190BA	V209	\$44.98
Bright Brass	165°F	23190BC	V209	\$44.98
Brushed Brass	135°F	23190BA/B	V209	\$44.98
Brushed Brass	165°F	23190BC/B	V209	\$44.98
Antique Brass	135°F	23190BA/A	V209	\$44.98
Antique Brass	165°F	23190BC/A	V209	\$44.98
Brushed Copper	135°F	23190EA/B	V209	\$44.98
Brushed Copper	165°F	23190EC/B	V209	\$44.98
Brushed Chrome	135°F	23190FA/B	V209	\$44.98
Brushed Chrome	165°F	23190FC/B	V209	\$44.98
Cover Plate Install Tool		14412	V205	\$13.50

Large Cover Plate¹

Diameter = 3-5/16 inches



Finish	Temp	Part #	IPG	List Price
Polished Chrome	135°F	23174FA	V208	\$94.24
Polished Chrome	165°F	23174FC	V208	\$94.24
White	135°F	23174MA/W	V208	\$35.95
White	165°F	23174MC/W	V208	\$35.95
Ivory	135°F	23174MA/I	V209	\$44.98
Ivory	165°F	23174MC/I	V209	\$44.98
Black	135°F	23174MA/B	V209	\$44.98
Black	165°F	23174MC/B	V209	\$44.98
Bright Brass	135°F	23174BA	V209	\$44.98
Bright Brass	165°F	23174BC	V209	\$44.98
Brushed Brass	135°F	23174BA/B	V209	\$44.98
Brushed Brass	165°F	23174BC/B	V209	\$44.98
Antique Brass	135°F	23174BA/A	V209	\$44.98
Antique Brass	165°F	23174BC/A	V209	\$44.98
Brushed Copper	135°F	23174EA/B	V209	\$44.98
Brushed Copper	165°F	23174EC/B	V209	\$44.98
Brushed Chrome	135°F	23174FA/B	V209	\$44.98
Brushed Chrome	165°F	23174FC/B	V209	\$44.98
Cover Plate Install Tool		14867	V205	\$13.50

Horizon® Flush (Model H-1)

Standard Response
Standard Coverage
Fusible Link
Flush Pendant

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	\$92.02
Chrome	220°F	06697BFF	V111	\$92.02
Painted White	165°F	06697BMC/W	V111	\$93.63
Painted White	220°F	06697BMF/W	V111	\$93.63
Heavy Duty Spk Wrench		08336W/B	V207	\$149.61
Light Duty Spk Wrench		10366W/B	V207	\$35.38

Ceiling Ring³ for Model H-1 Flush Sprinkler

Outside Diameter = 2-11/16 inches

Finish	Type	Part #	IPG	List Price
Chrome	Push	07027F	V185	\$8.76
Chrome	Thread	06919BF	V128	\$8.53
Painted White	Push	07027M/W	V185	\$9.21
Painted White	Thread	06919BM/W	V128	\$8.94
Outside Diameter = 3 in. (push on), 3-1/4 in. (thread on)				
Chrome	Push	07626F	V185	\$8.94
Chrome	Thread	06905BF	V128	\$14.49
Painted White	Push	07626M/W	V185	\$9.39
Painted White	Thread	06905BM/W	V128	\$14.86

(1) Covers sold separately. See page F-8 for custom colors.

(2) Also available with square cover plate. See page H-7.

(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

**Micromatic® Model M****Standard Response****Standard Coverage****FUSIBLE LINK****Pendent 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	\$37.08
Standard Brass	220°F	12973AF	V105	\$37.08
Standard Brass	286°F	12973AG	V105	\$37.08
Chrome	165°F	12973FC	V105	\$46.33
Chrome	220°F	12973FF	V105	\$46.33
Chrome	286°F	12973FG	V105	\$46.33
White-Polyester	165°F	12973MC/W	V105	\$58.52
White-Polyester	220°F	12973MF/W	V105	\$58.52
White-Polyester	286°F	12973MG/W	V105	\$58.52
Black-Polyester	165°F	12973MC/B	V105	\$58.52
Black-Polyester	220°F	12973MF/B	V105	\$58.52
Black-Polyester	286°F	12973MG/B	V105	\$58.52
Wax Coated ¹	165°F	12973CC	V106	\$69.07
Wax Coated	220°F	12973CF	V106	\$69.07
Standard Wrench		21475M/B	V207	\$77.63
Wrench-Recessed & Wax		13577W/B	V207	\$149.61

Finish	Temp	Part #	IPG	List Price
VK110 - 5.6 (81) K Factor - 1/2 in NPT - PENDENT				
Standard Brass	165°F	12972AC	V105	\$37.08
Standard Brass	220°F	12972AF	V105	\$37.08
Standard Brass	286°F	12972AG	V105	\$37.08
Chrome	165°F	12972FC	V105	\$44.82
Chrome	220°F	12972FF	V105	\$44.82
Chrome	286°F	12972FG	V105	\$44.82
White-Polyester	165°F	12972MC/W	V105	\$58.52
White-Polyester	220°F	12972MF/W	V105	\$58.52
White-Polyester	286°F	12972MG/W	V105	\$58.52
Black-Polyester	165°F	12972MC/B	V105	\$58.52
Black-Polyester	220°F	12972MF/B	V105	\$58.52
Black-Polyester	286°F	12972MG/B	V105	\$58.52
Wax Coated ¹	165°F	12972CC	V106	\$69.07
Wax Coated	220°F	12972CF	V106	\$69.07
Standard Wrench		21475M/B	V207	\$77.63
Wrench-Recessed & Wax		13577W/B	V207	\$149.61

Model E-1 (push-on) Recessed Escutcheons*

Finish	Size	Part #	IPG	List Price
Bright Brass	1/2"	06419AB	V201	\$39.23
Polished Chrome	1/2"	06419AF	V200	\$8.28
White	1/2"	06419AM/W	V200	\$8.28
Black	1/2"	06419AM/B	V201	\$17.15
Model E-2 (thread-on) Recessed Escutcheons*				
Polished Chrome	1/2"	11038F	V200	\$8.31
White	1/2"	11038M/W	V200	\$8.31

*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



Micromatic® Model M
Standard Response
Standard Coverage
FUSIBLE LINK
Pendent 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	\$26.32
Standard Brass	220°F	18253AF	V116	\$26.32
Standard Brass	286°F	18253AG	V116	\$26.32
Chrome	165°F	18253FC	V116	\$30.51
Chrome	220°F	18253FF	V116	\$30.51
Chrome	286°F	18253FG	V116	\$30.51
White-Polyester	165°F	18253MC/W	V116	\$31.77
White-Polyester	220°F	18253MF/W	V116	\$31.77
White-Polyester	286°F	18253MG/W	V116	\$31.77
Black-Polyester	165°F	18253MC/B	V116	\$51.52
Black-Polyester	220°F	18253MF/B	V116	\$51.52
Black-Polyester	286°F	18253MG/B	V116	\$51.52
Wax Coated ¹	165°F	18253CC	V117	\$56.98
Wax Coated	220°F	18253CF	V117	\$56.98
VK204 - 8.0 (115) K Factor - 1/2 in NPT - UPRIGHT				
REPLACEMENT ONLY²				
Standard Brass	165°F	18255AC	V116	\$46.59
Standard Brass	220°F	18255AF	V116	\$46.59
Standard Brass	286°F	18255AG	V116	\$46.59
Chrome	165°F	18255FC	V116	\$53.70
Chrome	220°F	18255FF	V116	\$53.70
Chrome	286°F	18255FG	V116	\$53.70
White-Polyester	165°F	18255MC/W	V116	\$55.58
White-Polyester	220°F	18255MF/W	V116	\$55.58
White-Polyester	286°F	18255MG/W	V116	\$55.58
Wax Coated ¹	165°F	18255CC	V117	\$74.79
Wax Coated	220°F	18255CF	V117	\$74.79
Std Sprinkler Wrench		21475M/B	V207	\$77.63
Wrench-Recessed & Wax		13577W/B	V207	\$149.61

Finish	Temp	Part #	IPG	List Price
VK206 - 8.0 (115) K Factor - 3/4 in NPT - PENDENT				
Standard Brass	165°F	18254AC	V116	\$26.32
Standard Brass	220°F	18254AF	V116	\$26.32
Standard Brass	286°F	18254AG	V116	\$26.32
Chrome	165°F	18254FC	V116	\$30.51
Chrome	220°F	18254FF	V116	\$30.51
Chrome	286°F	18254FG	V116	\$30.51
White-Polyester	165°F	18254MC/W	V116	\$31.77
White-Polyester	220°F	18254MF/W	V116	\$31.77
White-Polyester	286°F	18254MG/W	V116	\$31.77
Black-Polyester	165°F	18254MC/B	V116	\$51.52
Black-Polyester	220°F	18254MF/B	V116	\$51.52
Black-Polyester	286°F	18254MG/B	V116	\$51.52
Wax Coated ¹	165°F	18254CC	V117	\$56.98
Wax Coated	220°F	18254CF	V117	\$56.98
VK206 - 8.0 (115) K Factor - 1/2 in NPT - PENDENT				
REPLACEMENT ONLY²				
Standard Brass	165°F	18256AC	V116	\$46.59
Standard Brass	220°F	18256AF	V116	\$46.59
Standard Brass	286°F	18256AG	V116	\$46.59
Chrome	165°F	18256FC	V116	\$53.70
Chrome	220°F	18256FF	V116	\$53.70
Chrome	286°F	18256FG	V116	\$53.70
White-Polyester	165°F	18256MC/W	V116	\$55.58
White-Polyester	220°F	18256MF/W	V116	\$55.58
White-Polyester	286°F	18256MG/W	V116	\$55.58
Wax Coated ¹	165°F	18256CC	V117	\$74.79
Wax Coated	220°F	18256CF	V117	\$74.79
Std Sprinkler Wrench		21475M/B	V207	\$77.63
Wrench-Recessed & Wax		13577W/B	V207	\$149.61

Model E-1 (push-on) Recessed Escutcheons*				
Finish	Size	Part #	IPG	List Price
Bright Brass	3/4"	20369B	V201	\$39.23
Polished Chrome	3/4"	20369F	V200	\$8.31
White	3/4"	20369M/W	V200	\$8.31
Black	3/4"	20369M/B	V201	\$17.15
Model E-2 (thread-on) Recessed Escutcheons*				
Polished Chrome	3/4"	20130F	V200	\$8.31
White	3/4"	20130M/W	V200	\$8.31

* 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

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	09993AB	V103	\$21.51
Standard Brass	175°F	09993AD	V103	\$21.51
Standard Brass	200°F	09993AE	V103	\$21.51
Standard Brass	286°F	09993AG	V103	\$21.51
Standard Brass	360°F	09993AH	V109	\$22.55
Chrome	155°F	09993FB	V103	\$26.77
Chrome	175°F	09993FD	V103	\$26.77
Chrome	200°F	09993FE	V103	\$26.77
Chrome	286°F	09993FG	V103	\$26.77
White-Polyester ¹	155°F	09993MB/W	V103	\$29.32
White-Polyester	175°F	09993MD/W	V103	\$29.32
White-Polyester	200°F	09993ME/W	V103	\$29.32
White-Polyester	286°F	09993MG/W	V103	\$29.32
Black-Polyester ¹	155°F	09993MB/B	V103	\$43.74
Black-Polyester	175°F	09993MD/B	V103	\$43.74
Black-Polyester	200°F	09993ME/B	V103	\$43.74
Black-Polyester	286°F	09993MG/B	V103	\$43.74
Nickel PTFE (ENT) ³	155°F	09993JNB	V188.A	\$68.90
Nickel PTFE (ENT)	175°F	09993JND	V188.A	\$68.90
Nickel PTFE (ENT)	200°F	09993JNE	V188.A	\$68.90
Nickel PTFE (ENT)	286°F	09993JNG	V188.A	\$68.90
Std Sprinkler Wrench		21475M/B	V207	\$77.63

Finish ³	Temp	Part #	IPG	List Price
Standard Brass	155°F	09992AB	V103	\$21.51
Standard Brass	175°F	09992AD	V103	\$21.51
Standard Brass	200°F	09992AE	V103	\$21.51
Standard Brass	286°F	09992AG	V103	\$21.51
Standard Brass	360°F	09992AH	V109	\$22.55
Chrome	155°F	09992FB	V103	\$25.15
Chrome	175°F	09992FD	V103	\$25.15
Chrome	200°F	09992FE	V103	\$25.15
Chrome	286°F	09992FG	V103	\$25.15
White-Polyester ¹	155°F	09992MB/W	V103	\$27.85
White-Polyester	175°F	09992MD/W	V103	\$27.85
White-Polyester	200°F	09992ME/W	V103	\$27.85
White-Polyester	286°F	09992MG/W	V103	\$27.85
Black-Polyester ¹	155°F	09992MB/B	V103	\$43.74
Black-Polyester	175°F	09992MD/B	V103	\$43.74
Black-Polyester	200°F	09992ME/B	V103	\$43.74
Black-Polyester	286°F	09992MG/B	V103	\$43.74
Std Sprinkler Wrench		21475M/B	V207	\$77.63
Wrench for Wax Coated		13577W/B	V207	\$149.61
Wrench for Recessed		13655W/B	V207	\$149.61

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	\$39.23
Polished Chrome	1/2"	06419AF	V200	\$8.28
White	1/2"	06419AM/W	V200	\$8.28
Black	1/2"	06419AM/B	V201	\$17.15

Model E-2 (thread-on) Recessed Escutcheons*

Polished Chrome	1/2"	11038F	V200	\$8.31
White	1/2"	11038M/W	V200	\$8.31

*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

HIGH PRESSURE - 250 PSI

Standard Response

Standard Coverage

Glass Bulb

Upright



SIN: VK1001

K Factor: 5.6 (81)

Thread Size: 1/2 inch NPT

Base Part #: 23098

XT1

HIGH PRESSURE - 250 PSI

Standard Response

Standard Coverage

Glass Bulb



SIN: VK1021

K Factor: 5.6 (81)

Thread Size: 1/2 inch NPT

Base Part #: 23099

Finish	Temp	Part #	IPG	List Price
Standard Brass	135°F	23098AA	V101	\$23.35
Standard Brass	155°F	23098AB	V101	\$23.35
Standard Brass	175°F	23098AD	V101	\$23.35
Standard Brass	200°F	23098AE	V101	\$23.35
Standard Brass	286°F	23098AG	V101	\$23.35
Chrome	135°F	23098FA	V101	\$37.45
Chrome	155°F	23098FB	V101	\$37.45
Chrome	175°F	23098FD	V101	\$37.45
Chrome	200°F	23098FE	V101	\$37.45
Chrome	286°F	23098FG	V101	\$37.45
White-Polyester ¹	135°F	23098MA/W	V101	\$37.45
White-Polyester ¹	155°F	23098MB/W	V101	\$37.45
White-Polyester	175°F	23098MD/W	V101	\$37.45
White-Polyester	200°F	23098ME/W	V101	\$37.45
White-Polyester	286°F	23098MG/W	V101	\$37.45
Black-Polyester ¹	135°F	23098MA/B	V101	\$58.37
Black-Polyester ¹	155°F	23098MB/B	V101	\$58.37
Black-Polyester	175°F	23098MD/B	V101	\$58.37
Black-Polyester	200°F	23098ME/B	V101	\$58.37
Black-Polyester	286°F	23098MG/B	V101	\$58.37
Nickel PTFE (ENT) ²	135°F	23098JNA	V101	\$68.90
Nickel PTFE (ENT) ²	155°F	23098JNB	V101	\$68.90
Nickel PTFE (ENT)	175°F	23098JND	V101	\$68.90
Nickel PTFE (ENT)	200°F	23098JNE	V101	\$68.90
Nickel PTFE (ENT)	286°F	23098JNG	V101	\$68.90

Installation Wrenches

Wrench - Installer	22940MB	V207	\$77.63
Wrench - Spk Cabinet	20901M/B	V207	\$77.63
Wrench - Recessed	20951M/B	V207	\$149.61
Wrench - Straight	22940MB	V207	\$77.63

Select Escutcheons - Recessed Pendent Sprinklers*

NP-1 push-on (chrome, 1/2 in)	22066F	V200	\$8.28
NP-1 push-on (white, 1/2 in)	22066M/W	V200	\$8.28
NP-2 threaded (chrome, 1/2 in)	22067F	V200	\$8.31

*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.



ULTRA HIGH TEMPERATURE
Standard Response
Standard Coverage
Glass Bulb
Upright

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



ULTRA HIGH TEMPERATURE
Standard Response
Standard Coverage
Glass Bulb
Pendent

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

Finish ³	Temp	Part #	IPG	List Price
Standard Brass	500°F	12986AL	V108	\$60.74
Chrome	500°F	12986FL	V108	\$70.01
White-Polyester ¹	500°F	12986ML/W	V108	\$72.17
Black-Polyester ¹	500°F	12986ML/B	V108	\$72.17
HIGH PRESSURE - VK124				
Standard Brass	500°F	09993AL	V109	\$63.16
Std Sprinkler Wrench		21475M/B	V207	\$77.63

Finish ³	Temp	Part #	IPG	List Price
Standard Brass	500°F	12987AL	V108	\$60.74
Chrome	500°F	12987FL	V108	\$66.59
HIGH PRESSURE - VK122				
Standard Brass	500°F	09992AL	V109	\$63.16
Chrome	500°F	09992FL	V109	\$73.34
Std Sprinkler Wrench		21475M/B	V207	\$77.63
Wrench for Recessed		13655W/B	V207	\$149.61



ULTRA HIGH TEMPERATURE
Standard Response
Standard Coverage
Glass Bulb
Upright

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



ULTRA HIGH TEMPERATURE
Standard Response
Standard Coverage
Glass Bulb
Pendent

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

Finish ³	Temp	Part #	IPG	List Price
Standard Brass	500°F	18263AL	V118	\$37.28
Chrome	500°F	18263FL	V118	\$43.15
Black-Polyester ¹	500°F	18263ML/B	V118	\$57.56
1/2 inch NPT thread - REPLACEMENT ONLY²				
Standard Brass	500°F	18268AL	V118	\$64.70
Std Sprinkler Wrench		21475M/B	V207	\$77.63

Finish ³	Temp	Part #	IPG	List Price
Standard Brass	500°F	18264AL	V118	\$43.01
Chrome	500°F	18264FL	V118	\$49.78
1/2 inch NPT thread - REPLACEMENT ONLY²				
Standard Brass	500°F	18269AL	V118	\$72.75
Chrome	500°F	18269FL	V118	\$57.88
Std Sprinkler Wrench		21475M/B	V207	\$77.63
Wrench for Recessed		13655W/B	V207	\$149.61

Model E-1 (push-on) Recessed Escutcheons*				
Finish ³	Size	Part #	IPG	List Price
Bright Brass	1/2"	06419AB	V201	\$39.23
Polished Chrome	1/2"	06419AF	V200	\$8.28
White	1/2"	06419AM/W	V200	\$8.28
Black	1/2"	06419AM/B	V201	\$17.15
Model E-2 (thread-on) Recessed Escutcheons*				
Polished Chrome	1/2"	11038F	V200	\$8.31
White	1/2"	11038M/W	V200	\$8.31

Model E-1 (push-on) Recessed Escutcheons*				
Finish ³	Size	Part #	IPG	List Price
Bright Brass	3/4"	20369B	V201	\$39.23
Polished Chrome	3/4"	20369F	V200	\$8.31
White	3/4"	20369M/W	V200	\$8.31
Black	3/4"	20369M/B	V201	\$17.15
Model E-2 (thread-on) Recessed Escutcheons*				
Polished Chrome	3/4"	20130F	V200	\$8.31
White	3/4"	11625M/W	V200	\$8.31

*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



CORROSION RESISTANT

Standard Response

Standard Coverage

Glass Bulb

Stainless Steel - Pendant

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	05012BB	V110	\$517.38
Stainless Steel	175°F	05012BD	V110	\$517.38
Stainless Steel	200°F	05012BE	V110	\$517.38
Stainless Steel	286°F	05012BG	V110	\$517.38
Stainless Steel	360°F	05012BH	V110	\$517.38
Stainless Steel	500°F	05012BL	V110	\$574.33
Stainless Steel	OPEN	06501BZ	V110	\$533.83
Wax Coated	155°F	05012BCB	V110	\$558.78
Wax Coated	175°F	05012BCD	V110	\$558.78
Wax Coated	200°F	05012BCE	V110	\$558.78
Std Sprinkler Wrench		21475M/B	V207	\$77.63

Finish	Temp	Part #	IPG	List Price
Stainless Steel	155°F	06483BB	V110	\$544.25
Stainless Steel	175°F	06483BD	V110	\$544.25
Stainless Steel	200°F	06483BE	V110	\$544.25
Stainless Steel	286°F	06483BG	V110	\$544.25
Stainless Steel	360°F	06483BH	V110	\$544.25
Stainless Steel	500°F	06483BL	V110	\$574.33
Stainless Steel	OPEN	06502BZ	V110	\$533.83
Wax Coated	155°F	06483BCB	V110	\$558.78
Wax Coated	175°F	06483BCD	V110	\$558.78
Wax Coated	200°F	06483BCE	V110	\$558.78
Std Sprinkler Wrench		21475M/B	V207	\$77.63



CORROSION RESISTANT

Standard Response

Standard Coverage

Fusible Link

Stainless Steel - Pendant

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

Stainless Steel Escutcheons*

Model E-1 (push-on) - Includes adapter and cup

Finish	Size	Part #	IPG	List Price
Polished Chrome	1/2"	07902F	V201	\$33.72
White	1/2"	07902M/W	V201	\$33.72
Nickel PTFE (ENT)	1/2"	07902JN	V188.A	\$64.59

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

Finish	Temp	Part #	IPG	List Price
Stainless Steel	205°F	21928E	V110	\$1,078.32
Std Sprinkler Wrench		21475M/B	V207	\$77.63

FM Storage / Non-Storage

Standard Response

Standard Coverage

Glass Bulb

Upright

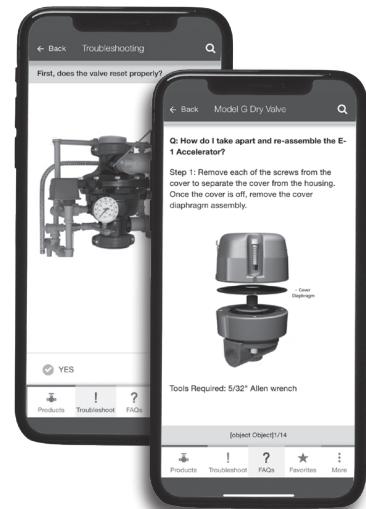
SIN: VK598
K Factor: 25.2 (363)
Thread Size: 1 inch NPT
Base Part #: 19522



Finish	Temp	Part #	IPG	List Price
Standard Brass	155°F	19522AB	V157	\$168.05
Standard Brass	175°F	19522AD	V157	\$168.05
Standard Brass	200°F	19522AE	V157	\$168.05
Standard Brass	286°F	19522AG	V157	\$168.05
Spk Wrench Pndnt ESFR		13635W/B	V207	\$140.32



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Mobile App | 24/7 Tech Support in your Pocket

The “Valve and System Support” mobile app offers a wealth of information including technical data, service and repair videos, system animations, and detailed troubleshooting support. With Viking’s mobile app, you can:

- **View Product Maintenance and Repair Videos**
- **Troubleshoot a Multitude of Systems**
- **Submit Replacement Part Orders**
- **View Your System through a Helpful Augmented Reality Feature**

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Section B - Sprinklers Standard Coverage, Quick Response

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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 pages F-8 for details.
3. Refer to Viking technical data pages for complete product specifications (www.vikinggroupinc.com).
4. List prices effective January 20, 2020. Supersedes January 2019 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 #: 20982



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 #: 20984

Finish ²	Temp	Part #	IPG	List Price
Standard Brass	155°F	20982AB	V120	\$59.50
Standard Brass	175°F	20982AD	V120	\$59.50
Standard Brass	200°F	20982AE	V120	\$59.50
Standard Brass	286°F	20982AG	V120	\$59.50
Chrome	155°F	20982FB	V120	\$63.75
Chrome	175°F	20982FD	V120	\$63.75
Chrome	200°F	20982FE	V120	\$63.75
Chrome	286°F	20982FG	V120	\$63.75
White-Polyester ¹	155°F	20982MB/W	V120	\$63.75
White-Polyester	175°F	20982MD/W	V120	\$63.75
White-Polyester	200°F	20982ME/W	V120	\$63.75
White-Polyester	286°F	20982MG/W	V120	\$63.75
Black-Polyester ¹	155°F	20982MB/B	V120	\$91.03
Black-Polyester	175°F	20982MD/B	V120	\$91.03
Black-Polyester	200°F	20982ME/B	V120	\$91.03
Black-Polyester	286°F	20982MG/B	V120	\$91.03
Std Sprinkler Wrench		21475M/B	V207	\$77.63

Finish ²	Temp	Part #	IPG	List Price
Standard Brass	155°F	20984AB	V120	\$59.50
Standard Brass	175°F	20984AD	V120	\$59.50
Standard Brass	200°F	20984AE	V120	\$59.50
Standard Brass	286°F	20984AG	V120	\$59.50
Chrome	155°F	20984FB	V120	\$63.75
Chrome	175°F	20984FD	V120	\$63.75
Chrome	200°F	20984FE	V120	\$63.75
Chrome	286°F	20984FG	V120	\$63.75
White-Polyester ¹	155°F	20984MB/W	V120	\$63.75
White-Polyester	175°F	20984MD/W	V120	\$63.75
White-Polyester	200°F	20984ME/W	V120	\$63.75
White-Polyester	286°F	20984MG/W	V120	\$63.75
Black-Polyester ¹	155°F	20984MB/B	V120	\$91.03
Black-Polyester	175°F	20984MD/B	V120	\$91.03
Black-Polyester	200°F	20984ME/B	V120	\$91.03
Black-Polyester	286°F	20984MG/B	V120	\$91.03
Std Sprinkler Wrench		21475M/B	V207	\$77.63
Wrench for Rcsd w/Caps		13655W/B	V207	\$149.61

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	\$39.23
Polished Chrome	1/2"	06419AF	V200	\$8.28
White	1/2"	06419AM/W	V200	\$8.28
Black	1/2"	06419AM/B	V201	\$17.15



Threaded Escutcheon

Model E-2 (thread-on)

(includes cup & adapter)
(OD = 3-1/8" / 80 mm)

Polished Chrome	1/2"	11038F	V200	\$8.31
White	1/2"	11038M/W	V200	\$8.31

*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 #: 21269B



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 #: 21271B

Finish ²	Temp	Part #	IPG	List Price
Standard Brass	155°F	21269BAB	V120	\$57.33
Standard Brass	175°F	21269BAD	V120	\$57.33
Standard Brass	200°F	21269BAE	V120	\$57.33
Standard Brass	286°F	21269BAG	V120	\$57.33
Chrome	155°F	21269BFB	V120	\$61.45
Chrome	175°F	21269BFD	V120	\$61.45
Chrome	200°F	21269BFE	V120	\$61.45
Chrome	286°F	21269BFG	V120	\$61.45
White-Polyester ¹	155°F	21269BMB/W	V120	\$61.45
White-Polyester	175°F	21269BMD/W	V120	\$61.45
White-Polyester	200°F	21269BME/W	V120	\$61.45
White-Polyester	286°F	21269BMG/W	V120	\$61.45
Black-Polyester ¹	155°F	21269BMB/B	V120	\$91.03
Black-Polyester	175°F	21269BMD/B	V120	\$91.03
Black-Polyester	200°F	21269BME/B	V120	\$91.03
Black-Polyester	286°F	21269BMG/B	V120	\$91.03
Std Sprinkler Wrench		21475M/B	V207	\$77.63

Finish ²	Temp	Part #	IPG	List Price
Standard Brass	155°F	21271BAB	V120	\$57.33
Standard Brass	175°F	21271BAD	V120	\$57.33
Standard Brass	200°F	21271BAE	V120	\$57.33
Standard Brass	286°F	21271BAG	V120	\$57.33
Chrome	155°F	21271BFB	V120	\$61.45
Chrome	175°F	21271BFD	V120	\$61.45
Chrome	200°F	21271BFE	V120	\$61.45
Chrome	286°F	21271BFG	V120	\$61.45
White-Polyester ¹	155°F	21271BMB/W	V120	\$61.45
White-Polyester	175°F	21271BMD/W	V120	\$61.45
White-Polyester	200°F	21271BME/W	V120	\$61.45
White-Polyester	286°F	21271BMG/W	V120	\$61.45
Black-Polyester ¹	155°F	21271BMB/B	V120	\$91.03
Black-Polyester	175°F	21271BMD/B	V120	\$91.03
Black-Polyester	200°F	21271BME/B	V120	\$91.03
Black-Polyester	286°F	21271BMG/B	V120	\$91.03
Std Sprinkler Wrench		21475M/B	V207	\$77.63
Wrench for Rcsd w/Caps		13655W/B	V207	\$149.61

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	\$39.23
Polished Chrome	1/2"	06419AF	V200	\$8.28
White	1/2"	06419AM/W	V200	\$8.28
Black	1/2"	06419AM/B	V201	\$17.15



Threaded Escutcheon

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

Polished Chrome	1/2"	11038F	V200	\$8.31
White	1/2"	11038M/W	V200	\$8.31

*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



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	12978AA	V120.1	\$33.02
Standard Brass	155°F	12978AB	V120.1	\$33.02
Standard Brass	175°F	12978AD	V120.1	\$33.02
Standard Brass	200°F	12978AE	V120.1	\$33.02
Standard Brass	286°F	12978AG	V120.1	\$33.02
Chrome	135°F	12978FA	V120.1	\$44.14
Chrome	155°F	12978FB	V120.1	\$44.14
Chrome	175°F	12978FD	V120.1	\$44.14
Chrome	200°F	12978FE	V120.1	\$44.14
Chrome	286°F	12978FG	V120.1	\$44.14
White-Polyester ¹	135°F	12978MA/W	V120.1	\$44.14
White-Polyester	155°F	12978MB/W	V120.1	\$44.14
White-Polyester	175°F	12978MD/W	V120.1	\$44.14
White-Polyester	200°F	12978ME/W	V120.1	\$44.14
White-Polyester	286°F	12978MG/W	V120.1	\$44.14
Black-Polyester ¹	135°F	12978MA/B	V120.1	\$73.55
Black-Polyester	155°F	12978MB/B	V120.1	\$73.55
Black-Polyester	175°F	12978MD/B	V120.1	\$73.55
Black-Polyester	200°F	12978ME/B	V120.1	\$73.55
Black-Polyester	286°F	12978MG/B	V120.1	\$73.55
Nickel PTFE (ENT) ²	155°F	12978JNB	V188.A	\$76.08
Nickel PTFE (ENT)	175°F	12978JND	V188.A	\$76.08
Nickel PTFE (ENT)	200°F	12978JNE	V188.A	\$76.08
Nickel PTFE (ENT)	286°F	12978JNG	V188.A	\$76.08
Std Sprinkler Wrench		21475M/B	V207	\$77.63

Finish	Temp	Part #	IPG	List Price
Standard Brass	135°F	12979AA	V120.1	\$33.02
Standard Brass	155°F	12979AB	V120.1	\$33.02
Standard Brass	175°F	12979AD	V120.1	\$33.02
Standard Brass	200°F	12979AE	V120.1	\$33.02
Standard Brass	286°F	12979AG	V120.1	\$33.02
Chrome	135°F	12979FA	V120.1	\$35.03
Chrome	155°F	12979FB	V120.1	\$35.03
Chrome	175°F	12979FD	V120.1	\$35.03
Chrome	200°F	12979FE	V120.1	\$35.03
Chrome	286°F	12979FG	V120.1	\$35.03
White-Polyester ¹	135°F	12979MA/W	V120.1	\$35.03
White-Polyester	155°F	12979MB/W	V120.1	\$35.03
White-Polyester	175°F	12979MD/W	V120.1	\$35.03
White-Polyester	200°F	12979ME/W	V120.1	\$35.03
White-Polyester	286°F	12979MG/W	V120.1	\$35.03
Black-Polyester ¹	135°F	12979MA/B	V120.1	\$62.86
Black-Polyester	155°F	12979MB/B	V120.1	\$62.86
Black-Polyester	175°F	12979MD/B	V120.1	\$62.86
Black-Polyester	200°F	12979ME/B	V120.1	\$62.86
Black-Polyester	286°F	12979MG/B	V120.1	\$62.86
Nickel PTFE (ENT) ²	155°F	12979JNB	V188.A	\$76.08
Nickel PTFE (ENT)	175°F	12979JND	V188.A	\$76.08
Nickel PTFE (ENT)	200°F	12979JNE	V188.A	\$76.08
Nickel PTFE (ENT)	286°F	12979JNG	V188.A	\$76.08
Std Sprinkler Wrench		21475M/B	V207	\$77.63
Wrench for Rcsd w/Caps		13655W/B	V207	\$149.61



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	\$39.23
Polished Chrome	1/2"	06419AF	V200	\$8.28
White	1/2"	06419AM/W	V200	\$8.28
Black	1/2"	06419AM/B	V201	\$17.15



Threaded Escutcheon

Model E-2 (thread-on)

(includes cup & adapter)
(OD = 3-1/8" / 80 mm)

Polished Chrome	1/2"	11038F	V200	\$8.31
White	1/2"	11038M/W	V200	\$8.31

(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



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	19916AA	V120	\$34.58
Standard Brass	155°F	19916AB	V120	\$31.79
Standard Brass	175°F	19916AD	V120	\$31.79
Standard Brass	200°F	19916AE	V120	\$31.79
Standard Brass	286°F	19916AG	V120	\$31.79
Chrome	135°F	19916FA	V120	\$42.49
Chrome	155°F	19916FB	V120	\$42.49
Chrome	175°F	19916FD	V120	\$42.49
Chrome	200°F	19916FE	V120	\$42.49
Chrome	286°F	19916FG	V120	\$42.49
White-Polyester ¹	135°F	19916MA/W	V120	\$42.49
White-Polyester	155°F	19916MB/W	V120	\$42.49
White-Polyester	175°F	19916MD/W	V120	\$42.49
White-Polyester	200°F	19916ME/W	V120	\$42.49
White-Polyester	286°F	19916MG/W	V120	\$42.49
Black-Polyester ¹	135°F	19916MA/B	V120	\$70.80
Black-Polyester	155°F	19916MB/B	V120	\$70.80
Black-Polyester	175°F	19916MD/B	V120	\$70.80
Black-Polyester	200°F	19916ME/B	V120	\$70.80
Black-Polyester	286°F	19916MG/B	V120	\$70.80
Nickel PTFE (ENT) ²	135°F	19916JNA	V188.A	\$76.08
Nickel PTFE (ENT) ²	155°F	19916JNB	V188.A	\$76.08
Nickel PTFE (ENT)	175°F	19916JND	V188.A	\$76.08
Nickel PTFE (ENT)	200°F	19916JNE	V188.A	\$76.08
Nickel PTFE (ENT)	286°F	19916JNG	V188.A	\$76.08

Installation Wrenches			
Wrench - Installer	22940MB	V207	\$77.63
Wrench - Spk Cabinet	20901M/B	V207	\$77.63
Wrench - Recessed	20951M/B	V207	\$149.61
Wrench - Straight	22940MB	V207	\$77.63

Finish	Temp	Part #	IPG	List Price
Standard Brass	135°F	19917AA	V120	\$33.72
Standard Brass	155°F	19917AB	V120	\$31.79
Standard Brass	175°F	19917AD	V120	\$31.79
Standard Brass	200°F	19917AE	V120	\$31.79
Standard Brass	286°F	19917AG	V120	\$31.79
Chrome	135°F	19917FA	V120	\$33.72
Chrome	155°F	19917FB	V120	\$33.72
Chrome	175°F	19917FD	V120	\$33.72
Chrome	200°F	19917FE	V120	\$33.72
Chrome	286°F	19917FG	V120	\$33.72
White-Polyester ¹	135°F	19917MA/W	V120	\$33.72
White-Polyester	155°F	19917MB/W	V120	\$33.72
White-Polyester	175°F	19917MD/W	V120	\$33.72
White-Polyester	200°F	19917ME/W	V120	\$33.72
White-Polyester	286°F	19917MG/W	V120	\$33.72
Black-Polyester ¹	135°F	19917MA/B	V120	\$60.51
Black-Polyester	155°F	19917MB/B	V120	\$60.51
Black-Polyester	175°F	19917MD/B	V120	\$60.51
Black-Polyester	200°F	19917ME/B	V120	\$60.51
Black-Polyester	286°F	19917MG/B	V120	\$60.51
Nickel PTFE (ENT) ²	135°F	19917JNA	V188.A	\$76.08
Nickel PTFE (ENT) ²	155°F	19917JNB	V188.A	\$76.08
Nickel PTFE (ENT)	175°F	19917JND	V188.A	\$76.08
Nickel PTFE (ENT)	200°F	19917JNE	V188.A	\$76.08
Nickel PTFE (ENT)	286°F	19917JNG	V188.A	\$76.08

Select Escutcheons - Recessed Pendent Sprinklers*			
NP-1 push-on (chrome, 1/2 in)	22066F	V200	\$8.28
NP-1 push-on (white, 1/2 in)	22066M/W	V200	\$8.28
NP-2 threaded (chrome, 1/2 in)	22067F	V200	\$8.31

*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



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	18257AB	V131.1	\$45.86
Standard Brass	175°F	18257AD	V131.1	\$45.86
Standard Brass	200°F	18257AE	V131.1	\$45.86
Standard Brass	286°F	18257AG	V131.1	\$45.86
Chrome	155°F	18257FB	V131.1	\$54.68
Chrome	175°F	18257FD	V131.1	\$54.68
Chrome	200°F	18257FE	V131.1	\$54.68
Chrome	286°F	18257FG	V131.1	\$54.68
White-Polyester ¹	155°F	18257MB/W	V131.1	\$54.68
White-Polyester	175°F	18257MD/W	V131.1	\$54.68
White-Polyester	200°F	18257ME/W	V131.1	\$54.68
White-Polyester	286°F	18257MG/W	V131.1	\$54.68
Black-Polyester ¹	155°F	18257MB/B	V131.1	\$73.82
Black-Polyester	175°F	18257MD/B	V131.1	\$73.82
Black-Polyester	200°F	18257ME/B	V131.1	\$73.82
Black-Polyester	286°F	18257MG/B	V131.1	\$73.82
Nickel PTFE (ENT) ²	155°F	18257JNB	V188.A	\$111.23
Nickel PTFE (ENT)	175°F	18257JND	V188.A	\$111.23
Nickel PTFE (ENT)	200°F	18257JNE	V188.A	\$111.23
Nickel PTFE (ENT)	286°F	18257JNG	V188.A	\$111.23
Std Sprinkler Wrench		21475M/B	V207	\$77.63

Finish	Temp	Part #	IPG	List Price
Standard Brass	155°F	18258AB	V131.1	\$53.51
Standard Brass	175°F	18258AD	V131.1	\$53.51
Standard Brass	200°F	18258AE	V131.1	\$53.51
Standard Brass	286°F	18258AG	V131.1	\$53.51
Chrome	155°F	18258FB	V131.1	\$63.80
Chrome	175°F	18258FD	V131.1	\$63.80
Chrome	200°F	18258FE	V131.1	\$63.80
Chrome	286°F	18258FG	V131.1	\$63.80
White-Polyester ¹	155°F	18258MB/W	V131.1	\$63.80
White-Polyester	175°F	18258MD/W	V131.1	\$63.80
White-Polyester	200°F	18258ME/W	V131.1	\$63.80
White-Polyester	286°F	18258MG/W	V131.1	\$63.80
Black-Polyester ¹	155°F	18258MB/B	V131.1	\$86.13
Black-Polyester	175°F	18258MD/B	V131.1	\$86.13
Black-Polyester	200°F	18258ME/B	V131.1	\$86.13
Black-Polyester	286°F	18258MG/B	V131.1	\$86.13
Nickel PTFE (ENT) ²	155°F	18258JNB	V188.A	\$111.23
Nickel PTFE (ENT)	175°F	18258JND	V188.A	\$111.23
Nickel PTFE (ENT)	200°F	18258JNE	V188.A	\$111.23
Nickel PTFE (ENT)	286°F	18258JNG	V188.A	\$111.23
Std Sprinkler Wrench		21475M/B	V207	\$77.63
Wrench for Rcsd w/Caps		13655W/B	V207	\$149.61

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	\$39.23
Polished Chrome	3/4"	20369F	V200	\$8.31
White	3/4"	20369M/W	V200	\$8.31
Black	3/4"	20369M/B	V201	\$17.15



Threaded Escutcheon

Model E-2 (thread-on)

(includes cup & adapter)
(OD = 3-1/8" / 80 mm)

Polished Chrome	3/4"	20130F	V200	\$8.31
White	3/4"	20130M/W	V200	\$8.31

*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



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	19924AA	V131	\$44.15
Standard Brass	155°F	19924AB	V131	\$44.15
Standard Brass	175°F	19924AD	V131	\$44.15
Standard Brass	200°F	19924AE	V131	\$44.15
Standard Brass	286°F	19924AG	V131	\$44.15
Chrome	135°F	19924FA	V131	\$52.64
Chrome	155°F	19924FB	V131	\$52.64
Chrome	175°F	19924FD	V131	\$52.64
Chrome	200°F	19924FE	V131	\$52.64
Chrome	286°F	19924FG	V131	\$52.64
White-Polyester ¹	135°F	19924MA/W	V131	\$52.64
White-Polyester ¹	155°F	19924MB/W	V131	\$52.64
White-Polyester	175°F	19924MD/W	V131	\$52.64
White-Polyester	200°F	19924ME/W	V131	\$52.64
White-Polyester	286°F	19924MG/W	V131	\$52.64
Black-Polyester ¹	135°F	19924MA/B	V131	\$71.06
Black-Polyester ¹	155°F	19924MB/B	V131	\$71.06
Black-Polyester	175°F	19924MD/B	V131	\$71.06
Black-Polyester	200°F	19924ME/B	V131	\$71.06
Black-Polyester	286°F	19924MG/B	V131	\$71.06
Nickel PTFE (ENT) ²	135°F	19924JNA	V188.A	\$111.23
Nickel PTFE (ENT) ²	155°F	19924JNB	V188.A	\$111.23
Nickel PTFE (ENT)	175°F	19924JND	V188.A	\$111.23
Nickel PTFE (ENT)	200°F	19924JNE	V188.A	\$111.23
Nickel PTFE (ENT)	286°F	19924JNG	V188.A	\$111.23

Installation Wrenches				
Wrench - Installer	22940MB	V207	\$77.63	
Wrench - Spk Cabinet	20901M/B	V207	\$77.63	
Wrench - Recessed	20951M/B	V207	\$149.61	
Wrench - Straight	22940MB	V207	\$77.63	

Finish	Temp	Part #	IPG	List Price
Standard Brass	135°F	19925AA	V131	\$51.51
Standard Brass	155°F	19925AB	V131	\$51.51
Standard Brass	175°F	19925AD	V131	\$51.51
Standard Brass	200°F	19925AE	V131	\$51.51
Standard Brass	286°F	19925AG	V131	\$51.51
Chrome	135°F	19925FA	V131	\$61.41
Chrome	155°F	19925FB	V131	\$61.41
Chrome	175°F	19925FD	V131	\$61.41
Chrome	200°F	19925FE	V131	\$61.41
Chrome	286°F	19925FG	V131	\$61.41
White-Polyester ¹	135°F	19925MA/W	V131	\$61.41
White-Polyester ¹	155°F	19925MB/W	V131	\$61.41
White-Polyester	175°F	19925MD/W	V131	\$61.41
White-Polyester	200°F	19925ME/W	V131	\$61.41
White-Polyester	286°F	19925MG/W	V131	\$61.41
Black-Polyester ¹	135°F	19925MA/B	V131	\$82.91
Black-Polyester ¹	155°F	19925MB/B	V131	\$82.91
Black-Polyester	175°F	19925MD/B	V131	\$82.91
Black-Polyester	200°F	19925ME/B	V131	\$82.91
Black-Polyester	286°F	19925MG/B	V131	\$82.91
Nickel PTFE (ENT) ²	135°F	19925JNA	V188.A	\$111.23
Nickel PTFE (ENT) ²	155°F	19925JNB	V188.A	\$111.23
Nickel PTFE (ENT)	175°F	19925JND	V188.A	\$111.23
Nickel PTFE (ENT)	200°F	19925JNE	V188.A	\$111.23
Nickel PTFE (ENT)	286°F	19925JNG	V188.A	\$111.23

Select Escutcheons - Recessed Pendent Sprinklers*				
NP-1 push-on (chrome, 3/4 in)	22071F	V200	\$8.31	
NP-1 push-on (white, 3/4 in)	22071M/W	V200	\$8.31	
NP-2 threaded (chrome, 3/4 in)	22072M/W	V200	\$8.31	

*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 ONLY²

**Glass Bulb
Upright**

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



Microfast® Model M

**Quick Response
Standard Coverage**

REPLACEMENT ONLY²

**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	18259AB	V130.1	\$61.75
Standard Brass	175°F	18259AD	V130.1	\$61.75
Standard Brass	200°F	18259AE	V130.1	\$61.75
Standard Brass	286°F	18259AG	V130.1	\$61.75
Chrome	155°F	18259FB	V130.1	\$67.29
Chrome	175°F	18259FD	V130.1	\$67.29
Chrome	200°F	18259FE	V130.1	\$67.29
Chrome	286°F	18259FG	V130.1	\$67.29
White-Polyester ¹	155°F	18259MB/W	V130.1	\$67.29
White-Polyester	175°F	18259MD/W	V130.1	\$67.29
White-Polyester	200°F	18259ME/W	V130.1	\$67.29
White-Polyester	286°F	18259MG/W	V130.1	\$67.29
Black-Polyester ¹	155°F	18259MB/B	V130.1	\$67.29
Black-Polyester	175°F	18259MD/B	V130.1	\$67.29
Black-Polyester	200°F	18259ME/B	V130.1	\$67.29
Black-Polyester	286°F	18259MG/B	V130.1	\$67.29
Nickel PTFE (ENT) ³	155°F	18259JNB	V188.A	\$188.41
Nickel PTFE (ENT)	175°F	18259JND	V188.A	\$188.41
Nickel PTFE (ENT)	200°F	18259JNE	V188.A	\$188.41
Nickel PTFE (ENT)	286°F	18259JNG	V188.A	\$188.41
Std Sprinkler Wrench		21475M/B	V207	\$77.63

Finish	Temp	Part #	IPG	List Price
Standard Brass	155°F	18260AB	V130.1	\$61.75
Standard Brass	175°F	18260AD	V130.1	\$61.75
Standard Brass	200°F	18260AE	V130.1	\$61.75
Standard Brass	286°F	18260AG	V130.1	\$61.75
Chrome	155°F	18260FB	V130.1	\$67.29
Chrome	175°F	18260FD	V130.1	\$67.29
Chrome	200°F	18260FE	V130.1	\$67.29
Chrome	286°F	18260FG	V130.1	\$67.29
White-Polyester ¹	155°F	18260MB/W	V130.1	\$67.29
White-Polyester	175°F	18260MD/W	V130.1	\$67.29
White-Polyester	200°F	18260ME/W	V130.1	\$67.29
White-Polyester	286°F	18260MG/W	V130.1	\$67.29
Black-Polyester ¹	155°F	18260MB/B	V130.1	\$67.29
Black-Polyester	175°F	18260MD/B	V130.1	\$67.29
Black-Polyester	200°F	18260ME/B	V130.1	\$67.29
Black-Polyester	286°F	18260MG/B	V130.1	\$67.29
Nickel PTFE (ENT) ³	155°F	18260JNB	V188.A	\$188.41
Nickel PTFE (ENT)	175°F	18260JND	V188.A	\$188.41
Nickel PTFE (ENT)	200°F	18260JNE	V188.A	\$188.41
Nickel PTFE (ENT)	286°F	18260JNG	V188.A	\$188.41
Std Sprinkler Wrench		21475M/B	V207	\$77.63
Wrench for Rcsd w/Caps		13655W/B	V207	\$149.61

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	\$39.23
Polished Chrome	1/2"	06419AF	V200	\$8.28
White	1/2"	06419AM/W	V200	\$8.28
Black	1/2"	06419AM/B	V201	\$17.15



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

Polished Chrome	1/2"	11038F	V200	\$8.31
White	1/2"	11038M/W	V200	\$8.31

*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 ONLY²

Glass Bulb

Upright



SIN: VK3502

K Factor: 8.0 (115)

Thread Size: **1/2 inch NPT**

Base Part #: 19920

XT1

**Quick Response
Standard Coverage**

REPLACEMENT ONLY²

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	19920AA	V130	\$59.44
Standard Brass	155°F	19920AB	V130	\$59.44
Standard Brass	175°F	19920AD	V130	\$59.44
Standard Brass	200°F	19920AE	V130	\$59.44
Standard Brass	286°F	19920AG	V130	\$59.44
Chrome	135°F	19920FA	V130	\$64.77
Chrome	155°F	19920FB	V130	\$64.77
Chrome	175°F	19920FD	V130	\$64.77
Chrome	200°F	19920FE	V130	\$64.77
Chrome	286°F	19920FG	V130	\$64.77
White-Polyester ¹	135°F	19920MA/W	V130	\$64.77
White-Polyester	155°F	19920MB/W	V130	\$64.77
White-Polyester	175°F	19920MD/W	V130	\$64.77
White-Polyester	200°F	19920ME/W	V130	\$64.77
White-Polyester	286°F	19920MG/W	V130	\$64.77
Black-Polyester ¹	135°F	19920MA/B	V130	\$64.77
Black-Polyester	155°F	19920MB/B	V130	\$64.77
Black-Polyester	175°F	19920MD/B	V130	\$64.77
Black-Polyester	200°F	19920ME/B	V130	\$64.77
Black-Polyester	286°F	19920MG/B	V130	\$64.77
Nickel PTFE (ENT) ³	135°F	19920JNA	V188.A	\$188.41
Nickel PTFE (ENT)	155°F	19920JNB	V188.A	\$188.41
Nickel PTFE (ENT)	175°F	19920JND	V188.A	\$188.41
Nickel PTFE (ENT)	200°F	19920JNE	V188.A	\$188.41
Nickel PTFE (ENT)	286°F	19920JNG	V188.A	\$188.41

Finish	Temp	Part #	IPG	List Price
Standard Brass	135°F	19921AA	V130	\$59.44
Standard Brass	155°F	19921AB	V130	\$59.44
Standard Brass	175°F	19921AD	V130	\$59.44
Standard Brass	200°F	19921AE	V130	\$59.44
Standard Brass	286°F	19921AG	V130	\$59.44
Chrome	135°F	19921FA	V130	\$64.77
Chrome	155°F	19921FB	V130	\$64.77
Chrome	175°F	19921FD	V130	\$64.77
Chrome	200°F	19921FE	V130	\$64.77
Chrome	286°F	19921FG	V130	\$64.77
White-Polyester ¹	135°F	19921MA/W	V130	\$64.77
White-Polyester	155°F	19921MB/W	V130	\$64.77
White-Polyester	175°F	19921MD/W	V130	\$64.77
White-Polyester	200°F	19921ME/W	V130	\$64.77
White-Polyester	286°F	19921MG/W	V130	\$64.77
Black-Polyester ¹	135°F	19921MA/B	V130	\$64.77
Black-Polyester	155°F	19921MB/B	V130	\$64.77
Black-Polyester	175°F	19921MD/B	V130	\$64.77
Black-Polyester	200°F	19921ME/B	V130	\$64.77
Black-Polyester	286°F	19921MG/B	V130	\$64.77
Nickel PTFE (ENT) ³	135°F	19921JNA	V188.A	\$188.41
Nickel PTFE (ENT)	155°F	19921JNB	V188.A	\$188.41
Nickel PTFE (ENT)	175°F	19921JND	V188.A	\$188.41
Nickel PTFE (ENT)	200°F	19921JNE	V188.A	\$188.41
Nickel PTFE (ENT)	286°F	19921JNG	V188.A	\$188.41

Installation Wrenches

Wrench - Installer	22940MB	V207	\$77.63
Wrench - Spk Cabinet	20901M/B	V207	\$77.63
Wrench - Recessed	20951M/B	V207	\$149.61
Wrench - Straight	22940MB	V207	\$77.63

Select Escutcheons - Recessed Pendent Sprinklers*

NP-1 push-on (chrome, 1/2 in)	22066F	V200	\$8.28
NP-1 push-on (white, 1/2 in)	22066M/W	V200	\$8.28
NP-2 threaded (chrome, 1/2 in)	22067F	V200	\$8.31

*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

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



Microfast® Model M

Quick Response
Standard Coverage
Glass Bulb
Conventional

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

Finish	Temp	Part #	IPG	List Price
Standard Brass	155°F	19391AB	V120	\$37.93
Standard Brass	175°F	19391AD	V120	\$37.93
Standard Brass	200°F	19391AE	V120	\$37.93
Standard Brass	286°F	19391AG	V120	\$37.93
Chrome	155°F	19391FB	V120	\$39.45
Chrome	175°F	19391FD	V120	\$39.45
Chrome	200°F	19391FE	V120	\$39.45
Chrome	286°F	19391FG	V120	\$39.45
White-Polyester ¹	155°F	19391MB/W	V120	\$39.45
White-Polyester	175°F	19391MD/W	V120	\$39.45
White-Polyester	200°F	19391ME/W	V120	\$39.45
White-Polyester	286°F	19391MG/W	V120	\$39.45
Black-Polyester ¹	155°F	19391MB/B	V120	\$70.80
Black-Polyester	175°F	19391MD/B	V120	\$70.80
Black-Polyester	200°F	19391ME/B	V120	\$70.80
Black-Polyester	286°F	19391MG/B	V120	\$70.80
Nickel PTFE (ENT) ²	155°F	19391JNB	V188.A	\$68.90
Nickel PTFE (ENT)	175°F	19391JND	V188.A	\$68.90
Nickel PTFE (ENT)	200°F	19391JNE	V188.A	\$68.90
Nickel PTFE (ENT)	286°F	19391JNG	V188.A	\$68.90
Std Sprinkler Wrench		21475M/B	V207	\$77.63

Finish	Temp	Part #	IPG	List Price
Standard Brass	155°F	18261AB	V131	\$61.41
Standard Brass	175°F	18261AD	V131	\$61.41
Standard Brass	200°F	18261AE	V131	\$61.41
Standard Brass	286°F	18261AG	V131	\$61.41
Chrome	155°F	18261FB	V131	\$71.62
Chrome	175°F	18261FD	V131	\$71.62
Chrome	200°F	18261FE	V131	\$71.62
Chrome	286°F	18261FG	V131	\$71.62
White-Polyester ¹	155°F	18261MB/W	V131	\$71.62
White-Polyester	175°F	18261MD/W	V131	\$71.62
White-Polyester	200°F	18261ME/W	V131	\$71.62
White-Polyester	286°F	18261MG/W	V131	\$71.62
Black-Polyester ¹	155°F	18261MB/B	V131	\$90.93
Black-Polyester	175°F	18261MD/B	V131	\$90.93
Black-Polyester	200°F	18261ME/B	V131	\$90.93
Black-Polyester	286°F	18261MG/B	V131	\$90.93
Nickel PTFE (ENT) ²	155°F	18261JNB	V188.A	\$89.72
Nickel PTFE (ENT)	175°F	18261JND	V188.A	\$89.72
Nickel PTFE (ENT)	200°F	18261JNE	V188.A	\$89.72
Nickel PTFE (ENT)	286°F	18261JNG	V188.A	\$89.72
Std Sprinkler Wrench		21475M/B	V207	\$77.63

Select Escutcheons - Recessed Pendant 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	\$39.23
Polished Chrome	1/2"	06419AF	V200	\$8.28
White	1/2"	06419AM/W	V200	\$8.28
Black	1/2"	06419AM/B	V201	\$17.15

Threaded Escutcheon

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

Polished Chrome	1/2"	11038F	V200	\$8.31
White	1/2"	11038M/W	V200	\$8.31

Select Escutcheons - Recessed Pendant 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	\$39.23
Polished Chrome	3/4"	20369F	V200	\$8.31
White	3/4"	20369M/W	V200	\$8.31
Black	3/4"	20369M/B	V201	\$17.15



Threaded Escutcheon

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

Polished Chrome	3/4"	20130F	V200	\$8.31
White	3/4"	20130M/W	V200	\$8.31

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

*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 #: 20989



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

SIN: VK306²
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	20989AB	V126	\$84.45
Standard Brass	175°F	20989AD	V126	\$84.45
Standard Brass	200°F	20989AE	V126	\$84.45
Standard Brass	286°F	20989AG	V126	\$84.45
Chrome	155°F	20989FB	V126	\$90.12
Chrome	175°F	20989FD	V126	\$90.12
Chrome	200°F	20989FE	V126	\$90.12
Chrome	286°F	20989FG	V126	\$90.12
White-Polyester ¹	155°F	20989MB/W	V126	\$90.12
White-Polyester	175°F	20989MD/W	V126	\$90.12
White-Polyester	200°F	20989ME/W	V126	\$90.12
White-Polyester	286°F	20989MG/W	V126	\$90.12
Black-Polyester ¹	155°F	20989MB/B	V126	\$103.51
Black-Polyester	175°F	20989MD/B	V126	\$103.51
Black-Polyester	200°F	20989ME/B	V126	\$103.51
Black-Polyester	286°F	20989MG/B	V126	\$103.51
Std Sprinkler Wrench		21475M/B	V207	\$77.63
Wrench for Rcsd w/Clip		13655W/B	V207	\$149.61

Finish ²	Temp	Part #	IPG	List Price
Standard Brass	155°F	12983AB	V126	\$84.45
Standard Brass	175°F	12983AD	V126	\$84.45
Standard Brass	200°F	12983AE	V126	\$84.45
Standard Brass	286°F	12983AG	V126	\$84.45
Chrome	155°F	12983FB	V126	\$90.12
Chrome	175°F	12983FD	V126	\$90.12
Chrome	200°F	12983FE	V126	\$90.12
Chrome	286°F	12983FG	V126	\$90.12
White-Polyester	155°F	12983MB/W	V126	\$90.12
White-Polyester	175°F	12983MD/W	V126	\$90.12
White-Polyester	200°F	12983ME/W	V126	\$90.12
White-Polyester	286°F	12983MG/W	V126	\$90.12
Black-Polyester	155°F	12983MB/B	V126	\$103.51
Black-Polyester	175°F	12983MD/B	V126	\$103.51
Black-Polyester	200°F	12983ME/B	V126	\$103.51
Black-Polyester	286°F	12983MG/B	V126	\$103.51
Std Sprinkler Wrench		21475M/B	V207	\$77.63

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	\$39.23
Polished Chrome	1/2"	06419AF	V200	\$8.28
White	1/2"	06419AM/W	V200	\$8.28
Black	1/2"	06419AM/B	V201	\$17.15



Threaded Escutcheon

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

Polished Chrome	1/2"	11038F	V200	\$8.31
White	1/2"	11038M/W	V200	\$8.31

*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: VK305¹
K Factor: 5.6 (81)
Thread Size: 1/2 inch NPT
Base Part #: 12997



Microfast® Model M

Quick Response

Standard Coverage

Glass Bulb

Horizontal Sidewall

SIN: VK360¹
K Factor: 8.0 (115)
Thread Size: 3/4 inch NPT
Base Part #: 15591

Finish	Temp	Part #	IPG	List Price
Standard Brass	155°F	12997AB	V126	\$56.24
Standard Brass	175°F	12997AD	V126	\$56.24
Standard Brass	200°F	12997AE	V126	\$56.24
Standard Brass	286°F	12997AG	V126	\$56.24
Chrome	155°F	12997FB	V126	\$60.56
Chrome	175°F	12997FD	V126	\$60.56
Chrome	200°F	12997FE	V126	\$60.56
Chrome	286°F	12997FG	V126	\$60.56
White-Polyester ²	155°F	12997MB/W	V126	\$61.29
White-Polyester	175°F	12997MD/W	V126	\$61.29
White-Polyester	200°F	12997ME/W	V126	\$61.29
White-Polyester	286°F	12997MG/W	V126	\$61.29
Black-Polyester ²	155°F	12997MB/B	V126	\$84.76
Black-Polyester	175°F	12997MD/B	V126	\$84.76
Black-Polyester	200°F	12997ME/B	V126	\$84.76
Black-Polyester	286°F	12997MG/B	V126	\$84.76
Nickel PTFE (ENT) ³	155°F	12997JNB	V188.A	\$89.72
Nickel PTFE (ENT)	175°F	12997JND	V188.A	\$89.72
Nickel PTFE (ENT)	200°F	12997JNE	V188.A	\$89.72
Nickel PTFE (ENT)	286°F	12997JNG	V188.A	\$89.72
Std Sprinkler Wrench		21475M/B	V207	\$77.63
Wrench for Rcsd w/Clip		13655W/B	V207	\$149.61

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	\$39.23
Polished Chrome	1/2"	06419AF	V200	\$8.28
White	1/2"	06419AM/W	V200	\$8.28
Black	1/2"	06419AM/B	V201	\$17.15



Threaded Escutcheon

Model E-2 (thread-on)

(includes cup & adapter)
(OD = 3-1/8" / 80 mm)

Polished Chrome	1/2"	11038F	V200	\$8.31
White	1/2"	11038M/W	V200	\$8.31

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

Select Escutcheons - Recessed Pendent Sprinklers*

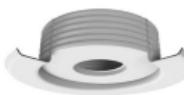


Recessed Escutcheon

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	\$39.23
Polished Chrome	3/4"	20369F	V200	\$8.31
White	3/4"	20369M/W	V200	\$8.31
Black	3/4"	20369M/B	V201	\$17.15



Threaded Escutcheon

Model E-2 (thread-on)

(includes cup & adapter)
(OD = 3-1/8" / 80 mm)

Polished Chrome	3/4"	20130F	V200	\$8.31
White	3/4"	20130M/W	V200	\$8.31

*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 Pendant

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	\$73.72
Standard Brass	175°F	13831AD	V129	\$73.72
Standard Brass	200°F	13831AE	V129	\$73.72



Mirage®

Quick Response
Standard Coverage
Glass Bulb
Concealed Pendant

SIN: VK465
K Factor: 4.2 (60)
Thread Size: 1/2 inch NPT
Base Part #: 21274A

Finish	Temp	Part #	IPG	List Price
Standard Brass	155°F	21274AB	V129	\$78.68
Standard Brass	175°F	21274AD	V129	\$78.68
Standard Brass	200°F	21274AE	V129	\$78.68

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 Pendant

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	\$53.09
Standard Brass	175°F	13503AD	V129	\$53.09
Standard Brass	200°F	13503AE	V129	\$53.09



Mirage® - HIGH PRESSURE

Quick Response
Standard Coverage
Glass Bulb
Concealed Pendant

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	\$62.94
Standard Brass	175°F	13667AD	V129	\$62.94
Standard Brass	200°F	13667AE	V129	\$62.94

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

Mirage®

Quick Response
Standard Coverage
Glass Bulb
Concealed Pendant

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	\$94.41
Standard Brass	175°F	13614AD	V129	\$94.41
Standard Brass	200°F	13614AE	V129	\$94.41



ELO Mirage®²

Quick Response
Standard Coverage
Fusible Link
Concealed Pendant

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	\$127.32
Standard Brass	205°F	15764AE	V129	\$127.32

(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 Pendant

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	\$269.56
Standard Brass	175°F	15480AD	V129	\$269.56
Standard Brass	200°F	15480AE	V129	\$269.56



Mirage MRI Room Sprinkler*

Quick Response
Standard Coverage
Glass Bulb
Concealed Pendant

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	\$299.95
Standard Brass	175°F	15481AD	V129	\$299.95
Standard Brass	200°F	15481AE	V129	\$299.95

* 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	23190FA	V208	\$94.24
Polished Chrome	165°F	23190FC	V208	\$94.24
White	135°F	23190MA/W	V208	\$35.95
White	165°F	23190MC/W	V208	\$35.95
Ivory	135°F	23190MA/I	V209	\$44.98
Ivory	165°F	23190MC/I	V209	\$44.98
Black	135°F	23190MA/B	V209	\$44.98
Black	165°F	23190MC/B	V209	\$44.98
Bright Brass	135°F	23190BA	V209	\$44.98
Bright Brass	165°F	23190BC	V209	\$44.98
Brushed Brass	135°F	23190BA/B	V209	\$44.98
Brushed Brass	165°F	23190BC/B	V209	\$44.98
Antique Brass	135°F	23190BA/A	V209	\$44.98
Antique Brass	165°F	23190BC/A	V209	\$44.98
Brushed Copper	135°F	23190EA/B	V209	\$44.98
Brushed Copper	165°F	23190EC/B	V209	\$44.98
Brushed Chrome	135°F	23190FA/B	V209	\$44.98
Brushed Chrome	165°F	23190FC/B	V209	\$44.98

Square Cover Plate

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

Finish	Temp	Part #	IPG	List
Polished Chrome	135°F	23179FA	V210	\$61.87
Polished Chrome	165°F	23179FC	V210	\$61.87
White	135°F	23179MA/W	V210	\$59.39
White	165°F	23179MC/W	V210	\$59.39
Ivory	135°F	23179MA/I	V210	\$59.39
Ivory	165°F	23179MC/I	V210	\$59.39
Black	135°F	23179MA/B	V210	\$59.39
Black	165°F	23179MC/B	V210	\$59.39
Bright Brass	135°F	23179BA	V210	\$72.43
Bright Brass	165°F	23179BC	V210	\$72.43
Brushed Brass	135°F	23179BA/B	V210	\$72.43
Brushed Brass	165°F	23179BC/B	V210	\$72.43
Antique Brass	135°F	23179BA/A	V210	\$72.43
Antique Brass	165°F	23179BC/A	V210	\$72.43
Brushed Copper	135°F	23179EA/B	V210	\$72.43
Brushed Copper	165°F	23179EC/B	V210	\$72.43
Brushed Chrome	135°F	23179FA/B	V210	\$72.43
Brushed Chrome	165°F	23179FC/B	V210	\$72.43

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

Large Cover Plate

Diameter = 3-5/16 inches

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



Finish	Temp	Part #	IPG	List
Polished Chrome	135°F	23174FA	V208	\$94.24
Polished Chrome	165°F	23174FC	V208	\$94.24
White	135°F	23174MA/W	V208	\$35.95
White	165°F	23174MC/W	V208	\$35.95
Ivory	135°F	23174MA/I	V209	\$44.98
Ivory	165°F	23174MC/I	V209	\$44.98
Black	135°F	23174MA/B	V209	\$44.98
Black	165°F	23174MC/B	V209	\$44.98
Bright Brass	135°F	23174BA	V209	\$44.98
Bright Brass	165°F	23174BC	V209	\$44.98
Brushed Brass	135°F	23174BA/B	V209	\$44.98
Brushed Brass	165°F	23174BC/B	V209	\$44.98
Antique Brass	135°F	23174BA/A	V209	\$44.98
Antique Brass	165°F	23174BC/A	V209	\$44.98
Brushed Copper	135°F	23174EA/B	V209	\$44.98
Brushed Copper	165°F	23174EC/B	V209	\$44.98
Brushed Chrome	135°F	23174FA/B	V209	\$44.98
Brushed Chrome	165°F	23174FC/B	V209	\$44.98

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	\$94.24
Polished Chrome	165°F	15765FC	V208	\$94.24
White	135°F	15765MA/W	V208	\$35.95
White	165°F	15765MC/W	V208	\$35.95
Ivory	135°F	15765MA/I	V209	\$44.98
Ivory	165°F	15765MC/I	V209	\$44.98
Black	135°F	15765MA/B	V209	\$44.98
Black	165°F	15765MC/B	V209	\$44.98

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

Finish	Temp	Part #	IPG	List
Polished Chrome	135°F	23174FA/CR	V211	\$93.66
Polished Chrome	165°F	23174FC/CR	V211	\$93.66
White	135°F	23174MA/W/CR	V211	\$93.66
White	165°F	23174MC/W/CR	V211	\$93.66
Ivory	135°F	23174MA/I/CR	V211	\$93.66
Ivory	165°F	23174MC/I/CR	V211	\$93.66
Black	135°F	23174MA/B/CR	V211	\$93.66
Black	165°F	23174MC/B/CR	V211	\$93.66

Mirage® Concealed Pendent Sprinklers - Wrenches and Special Installation Tools

Standard / Heavy Duty Wrench

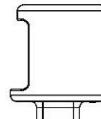
(use with all Mirage sprinklers except ELO spk)



Part #	IPG	List Price
14047W/B	V207	\$149.61

Standard / Heavy Duty Wrench (ELO concealed)

(use only with Mirage ELO concealed sprinklers)



Part #	IPG	List Price
15467W/B	V207	\$149.61

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	\$30.63
(use only with Mirage ELO concealed sprinklers)		
15466	V205	\$30.63

Cover Plate Installation Tool

Standard Diameter Cover Plates



Part #	IPG	List Price
14412	V205	\$13.50

Cover Plate Installation Tool

Large Diameter Cover Plates



Part #	IPG	List Price
14867	V205	\$13.50



**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	\$112.21
Standard Brass	205°F	17555AE	V127	\$112.21
Heavy Duty Spk Wrench		16208W/R	V207	\$149.61
Head Cabinet Wrench		16267	V207	\$30.67

Cover plate sold separately (see below)

VK481 Cover Plate¹

Diameter = 3-5/16 inches



Horizon® Flush (Model H-1)²

**Quick Response
Standard Coverage
Fusible Link**

SIN: VK402⁴
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	\$83.50
Painted White	165°F	06702BMC/W	V128	\$84.97
Heavy Duty Spk Wrench		08336W/B	V207	\$149.61
Light Duty Spk Wrench		10366W/B	V207	\$35.38

Finish	Temp	Part #	IPG	List Price
Painted White	165°F	19995MC/W	V128	\$75.44
Painted White	205°F	19995ME/W	V128	\$75.44
RAL9010/Pure White	165°F	19995MC/RAL9010	V128	\$83.82
RAL9010/Pure White	205°F	19995MC/RAL9010	V128	\$83.82
Heavy Duty Spk Wrench		15209W/R	V207	\$149.61



Flush Pendent³

**Quick Response
Standard Coverage
Fusible Link**

SIN: VK478⁴
K Factor: 5.6 (81)
Thread Size: 1/2 inch NPT
Base Part #: 19995

(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 LINK¹

Upright Sprinklers



Microfast® Model M

Quick Response

Standard Coverage

FUSIBLE LINK¹

Pendent Sprinklers

Finish	Temp	Part #	IPG	List Price
VK326 - 2.8 (40) K Factor - 1/2 in NPT				
Standard Brass	165°F	20983AC	V124	\$69.62
Standard Brass	205°F	20983AE	V124	\$69.62
Standard Brass	280°F	20983AG	V124	\$69.62
Chrome	165°F	20983FC	V124	\$76.04
Chrome	205°F	20983FE	V124	\$76.04
Chrome	280°F	20983FG	V124	\$76.04
White-Polyester	165°F	20983MC/W	V124	\$76.04
White-Polyester	205°F	20983ME/W	V124	\$76.04
White-Polyester	280°F	20983MG/W	V124	\$76.04
VK328 - 4.2 (60) K Factor - 1/2 in NPT				
Standard Brass	165°F	21270AC	V124	\$69.62
Standard Brass	205°F	21270AE	V124	\$69.62
Standard Brass	280°F	21270AG	V124	\$69.62
Chrome	165°F	21270FC	V124	\$76.04
Chrome	205°F	21270FE	V124	\$76.04
Chrome	280°F	21270FG	V124	\$76.04
White-Polyester	165°F	21270MC/W	V124	\$76.04
White-Polyester	205°F	21270ME/W	V124	\$76.04
White-Polyester	280°F	21270MG/W	V124	\$76.04
VK301 - 5.6 (81) K Factor - 1/2 in NPT				
Standard Brass	165°F	17535AC	V124	\$57.32
Standard Brass	205°F	17535AE	V124	\$57.32
Standard Brass	280°F	17535AG	V124	\$57.32
Chrome	165°F	17535FC	V124	\$65.73
Chrome	205°F	17535FE	V124	\$65.73
Chrome	280°F	17535FG	V124	\$65.73
White-Polyester	165°F	17535MC/W	V124	\$65.73
White-Polyester	205°F	17535ME/W	V124	\$65.73
White-Polyester	280°F	17535MG/W	V124	\$65.73
Black-Polyester	165°F	17535MC/B	V124	\$76.25
Black-Polyester	205°F	17535ME/B	V124	\$76.25
Black-Polyester	280°F	17535MG/B	V124	\$76.25
VK351 - 8.0 (115) K Factor - 3/4 in NPT				
Standard Brass	165°F	18275AC	V133	\$66.47
Standard Brass	205°F	18275AE	V133	\$66.47
Standard Brass	280°F	18275AG	V133	\$66.47
Chrome	165°F	18275FC	V133	\$76.34
Chrome	205°F	18275FE	V133	\$76.34
Chrome	280°F	18275FG	V133	\$76.34
White-Polyester	165°F	18275MC/W	V133	\$76.34
White-Polyester	205°F	18275ME/W	V133	\$76.34
White-Polyester	280°F	18275MG/W	V133	\$76.34
Std Sprinkler Wrench		21475M/B	V207	\$77.63

Finish	Temp	Part #	IPG	List Price
VK330 - 2.8 (40) K Factor - 1/2 in NPT				
Standard Brass	165°F	20985AC	V124	\$69.62
Standard Brass	205°F	20985AE	V124	\$69.62
Standard Brass	280°F	20985AG	V124	\$69.62
Chrome	165°F	20985FC	V124	\$76.04
Chrome	205°F	20985FE	V124	\$76.04
Chrome	280°F	20985FG	V124	\$76.04
White-Polyester	165°F	20985MC/W	V124	\$76.04
White-Polyester	205°F	20985ME/W	V124	\$76.04
White-Polyester	280°F	20985MG/W	V124	\$76.04
VK332 - 4.2 (60) K Factor - 1/2 in NPT				
Standard Brass	165°F	21272AC	V124	\$69.62
Standard Brass	205°F	21272AE	V124	\$69.62
Standard Brass	280°F	21272AG	V124	\$69.62
Chrome	165°F	21272FC	V124	\$76.04
Chrome	205°F	21272FE	V124	\$76.04
Chrome	280°F	21272FG	V124	\$76.04
White-Polyester	165°F	21272MC/W	V124	\$76.04
White-Polyester	205°F	21272ME/W	V124	\$76.04
White-Polyester	280°F	21272MG/W	V124	\$76.04
VK303 - 5.6 (81) K Factor - 1/2 in NPT				
Standard Brass	165°F	17536AC	V124	\$57.32
Standard Brass	205°F	17536AE	V124	\$57.32
Standard Brass	280°F	17536AG	V124	\$57.32
Chrome	165°F	17536FC	V124	\$65.73
Chrome	205°F	17536FE	V124	\$65.73
Chrome	280°F	17536FG	V124	\$65.73
White-Polyester	165°F	17536MC/W	V124	\$65.73
White-Polyester	205°F	17536ME/W	V124	\$65.73
White-Polyester	280°F	17536MG/W	V124	\$65.73
Black-Polyester	165°F	17536MC/B	V124	\$76.25
Black-Polyester	205°F	17536ME/B	V124	\$76.25
Black-Polyester	280°F	17536MG/B	V124	\$76.25
VK353 - 8.0 (115) K Factor - 3/4 in NPT				
Standard Brass	165°F	18274AC	V133	\$66.47
Standard Brass	205°F	18274AE	V133	\$66.47
Standard Brass	280°F	18274AG	V133	\$66.47
Chrome	165°F	18274FC	V133	\$76.34
Chrome	205°F	18274FE	V133	\$76.34
Chrome	280°F	18274FG	V133	\$76.34
White-Polyester	165°F	18274MC/W	V133	\$76.34
White-Polyester	205°F	18274ME/W	V133	\$76.34
White-Polyester	280°F	18274MG/W	V133	\$76.34
Std Sprinkler Wrench		21475M/B	V207	\$77.63
Wrench for Recessed		13655W/B	V207	\$149.61

(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 LINK¹**

Horizontal Sidewall

Finish	Temp	Part #	IPG	List Price
VK334 - 2.8 (40) K Factor - 1/2 in NPT				
Standard Brass	165°F	20990AC	V122	\$83.29
Standard Brass	205°F	20990AE	V122	\$83.29
Standard Brass	280°F	20990AG	V122	\$83.29
Chrome	165°F	20990FC	V122	\$85.30
Chrome	205°F	20990FE	V122	\$85.30
Chrome	280°F	20990FG	V122	\$85.30
White-Polyester	165°F	20990MC/W	V122	\$87.29
White-Polyester	205°F	20990ME/W	V122	\$87.29
White-Polyester	280°F	20990MG/W	V122	\$87.29
VK307 - 5.6 (81) K Factor - 1/2 in NPT				
Standard Brass	165°F	13947AC	V122	\$72.15
Standard Brass	205°F	13947AE	V122	\$72.15
Standard Brass	280°F	13947AG	V122	\$72.15
Chrome	165°F	13947FC	V122	\$76.53
Chrome	205°F	13947FE	V122	\$76.53
Chrome	280°F	13947FG	V122	\$76.53
White-Polyester	165°F	13947MC/W	V122	\$83.35
White-Polyester	205°F	13947ME/W	V122	\$83.35
White-Polyester	280°F	13947MG/W	V122	\$83.35
Std Sprinkler Wrench		21475M/B	V207	\$77.63
Wrench for Recessed		13655W/B	V207	\$149.61



Microfast® Model M

**Quick Response
Standard Coverage
FUSIBLE LINK¹**

Vertical Sidewall

Finish	Temp	Part #	IPG	List Price
VK309 - 5.6 (81) K Factor - 1/2 in NPT				
Standard Brass	165°F	13951AC	V122	\$96.22
Standard Brass	205°F	13951AE	V122	\$96.22
Chrome	165°F	13951FC	V122	\$99.07
Chrome	205°F	13951FE	V122	\$99.07
Std Sprinkler Wrench		21475M/B	V207	\$77.63



Microfast® Model M

**Quick Response
Standard Coverage
FUSIBLE LINK¹**

Conventional

Finish	Temp	Part #	IPG	List Price
VK311 - 5.6 (81) K Factor - 1/2 in NPT				
Standard Brass	165°F	19392AC	V124	\$57.32
Standard Brass	205°F	19392AE	V124	\$57.32
Standard Brass	280°F	19392AG	V124	\$57.32
Chrome	165°F	19392FC	V124	\$65.73
Chrome	205°F	19392FE	V124	\$57.32
Chrome	280°F	19392FG	V124	\$57.32
White-Polyester	165°F	19392MC/W	V124	\$65.73
White-Polyester	205°F	19392ME/W	V124	\$65.73
White-Polyester	280°F	19392MG/W	V124	\$65.73
Std Sprinkler Wrench		21475M/B	V207	\$77.63



Microfast® Model M

**Quick Response
Standard Coverage
FUSIBLE LINK¹**

Conventional

Finish	Temp	Part #	IPG	List Price
VK355 - 8.0 (115) K Factor - 3/4 in NPT				
Standard Brass	165°F	18276AC	V133	\$79.46
Standard Brass	205°F	18276AE	V133	\$79.46
Standard Brass	280°F	18276AG	V133	\$79.46
Chrome	165°F	18276FC	V133	\$96.07
Chrome	205°F	18276FE	V133	\$96.07
Chrome	280°F	18276FG	V133	\$96.07
White-Polyester	165°F	18276MC/W	V133	\$96.07
White-Polyester	205°F	18276ME/W	V133	\$96.07
White-Polyester	280°F	18276MG/W	V133	\$96.07
Std Sprinkler Wrench		21475M/B	V207	\$77.63



Microfast® Model M

Quick Response

Standard Coverage

FUSIBLE LINK¹

Upright

HIGH PRESSURE



Microfast® Model M

Quick Response

Standard Coverage

FUSIBLE LINK¹

Pendent

HIGH PRESSURE

Finish	Temp	Part #	IPG	List Price
VK341 - 2.8 (40) K Factor - 1/2 in NPT - UPRIGHT (HP)				
Standard Brass	165°F	20992AC	V123	\$72.78
Standard Brass	205°F	20992AE	V123	\$72.78
Standard Brass	280°F	20992AG	V123	\$72.78
Chrome	165°F	20992FC	V123	\$76.67
Chrome	205°F	20992FE	V123	\$76.67
Chrome	280°F	20992FG	V123	\$76.67
White-Polyester	165°F	20992MC/W	V123	\$76.67
White-Polyester	205°F	20992ME/W	V123	\$76.67
White-Polyester	280°F	20992MG/W	V123	\$76.67
VK316 - 5.6 (81) K Factor - 1/2 in NPT - UPRIGHT (HP)				
Standard Brass	165°F	13953AC	V123	\$55.63
Standard Brass	205°F	13953AE	V123	\$55.63
Standard Brass	280°F	13953AG	V123	\$55.63
Chrome	165°F	13953FC	V123	\$60.16
Chrome	205°F	13953FE	V123	\$60.16
Chrome	280°F	13953FG	V123	\$60.16
White-Polyester	165°F	13953MC/W	V123	\$60.16
White-Polyester	205°F	13953ME/W	V123	\$60.16
White-Polyester	280°F	13953MG/W	V123	\$60.16
Std Sprinkler Wrench		21475M/B	V207	\$77.63

Finish	Temp	Part #	IPG	List Price
VK343 - 2.8 (40) K Factor - 1/2 in NPT - PENDENT (HP)				
Standard Brass	165°F	20994AC	V123	\$72.78
Standard Brass	205°F	20994AE	V123	\$72.78
Standard Brass	280°F	20994AG	V123	\$72.78
Chrome	165°F	20994FC	V123	\$76.67
Chrome	205°F	20994FE	V123	\$76.67
Chrome	280°F	20994FG	V123	\$76.67
White-Polyester	165°F	20994MC/W	V123	\$76.67
White-Polyester	205°F	20994ME/W	V123	\$76.67
White-Polyester	280°F	20994MG/W	V123	\$76.67
VK318 - 5.6 (81) K Factor - 1/2 in NPT - PENDENT (HP)				
Standard Brass	165°F	13954AC	V123	\$55.63
Standard Brass	205°F	13954AE	V123	\$55.63
Standard Brass	280°F	13954AG	V123	\$55.63
Chrome	165°F	13954FC	V123	\$60.16
Chrome	205°F	13954FE	V123	\$60.16
Chrome	280°F	13954FG	V123	\$60.16
White-Polyester	165°F	13954MC/W	V123	\$60.16
White-Polyester	205°F	13954ME/W	V123	\$60.16
White-Polyester	280°F	13954MG/W	V123	\$60.16
Std Sprinkler Wrench		21475M/B	V207	\$77.63
Wrench for Recessed		13655W/B	V207	\$149.61



Microfast® Model M

Quick Response

Standard Coverage

FUSIBLE LINK¹

Horizontal Sidewall

HIGH PRESSURE



Microfast® Model M

Quick Response

Standard Coverage

FUSIBLE LINK¹

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	20996AC	V122	\$83.29
Standard Brass	205°F	20996AE	V122	\$83.29
Standard Brass	280°F	20996AG	V122	\$83.29
Chrome	165°F	20996FC	V122	\$85.30
Chrome	205°F	20996FE	V122	\$85.30
Chrome	280°F	20996FG	V122	\$85.30
White-Polyester	165°F	20996MC/W	V122	\$87.29
White-Polyester	205°F	20996ME/W	V122	\$87.29
White-Polyester	280°F	20996MG/W	V122	\$87.29
Std Sprinkler Wrench		21475M/B	V207	\$77.63
Wrench for Recessed		13655W/B	V207	\$149.61

Finish	Temp	Part #	IPG	List Price
VK320 - 5.6 (81) K Factor - 1/2 in NPT - HSW (HP)				
Standard Brass	165°F	13955AC	V122	\$72.15
Standard Brass	205°F	13955AE	V122	\$72.15
Standard Brass	280°F	13955AG	V122	\$72.15
Chrome	165°F	13955FC	V122	\$76.46
Chrome	205°F	13955FE	V122	\$76.46
Chrome	280°F	13955FG	V122	\$76.46
White-Polyester	165°F	13955MC/W	V122	\$83.29
White-Polyester	205°F	13955ME/W	V122	\$83.29
White-Polyester	280°F	13955MG/W	V122	\$83.29
Std Sprinkler Wrench		21475M/B	V207	\$77.63
Wrench for Recessed		13655W/B	V207	\$149.61

(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 #: 20991



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 #: 20993

Finish ²	Temp	Part #	IPG	List Price
Standard Brass	155°F	20991AB	V121	\$59.50
Standard Brass	175°F	20991AD	V121	\$59.50
Standard Brass	200°F	20991AE	V121	\$59.50
Standard Brass	286°F	20991AG	V121	\$59.50
Chrome	155°F	20991FB	V121	\$63.75
Chrome	175°F	20991FD	V121	\$63.75
Chrome	200°F	20991FE	V121	\$63.75
Chrome	286°F	20991FG	V121	\$63.75
White-Polyester ¹	155°F	20991MB/W	V121	\$63.75
White-Polyester	175°F	20991MD/W	V121	\$63.75
White-Polyester	200°F	20991ME/W	V121	\$63.75
White-Polyester	286°F	20991MG/W	V121	\$63.75
Black-Polyester ¹	155°F	20991MB/B	V121	\$91.03
Black-Polyester	175°F	20991MD/B	V121	\$91.03
Black-Polyester	200°F	20991ME/B	V121	\$91.03
Black-Polyester	286°F	20991MG/B	V121	\$91.03
Std Sprinkler Wrench		21475M/B	V207	\$77.63

Finish ²	Temp	Part #	IPG	List Price
Standard Brass	155°F	20993AB	V121	\$59.50
Standard Brass	175°F	20993AD	V121	\$59.50
Standard Brass	200°F	20993AE	V121	\$59.50
Standard Brass	286°F	20993AG	V121	\$59.50
Chrome	155°F	20993FB	V121	\$63.75
Chrome	175°F	20993FD	V121	\$63.75
Chrome	200°F	20993FE	V121	\$63.75
Chrome	286°F	20993FG	V121	\$63.75
White-Polyester ¹	155°F	20993MB/W	V121	\$63.75
White-Polyester	175°F	20993MD/W	V121	\$63.75
White-Polyester	200°F	20993ME/W	V121	\$63.75
White-Polyester	286°F	20993MG/W	V121	\$63.75
Black-Polyester ¹	155°F	20993MB/B	V121	\$91.03
Black-Polyester	175°F	20993MD/B	V121	\$91.03
Black-Polyester	200°F	20993ME/B	V121	\$91.03
Black-Polyester	286°F	20993MG/B	V121	\$91.03
Std Sprinkler Wrench		21475M/B	V207	\$77.63
Wrench for Recessed		13655W/B	V207	\$149.61

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	\$39.23
Polished Chrome	1/2"	06419AF	V200	\$8.28
White	1/2"	06419AM/W	V200	\$8.28
Black	1/2"	06419AM/B	V201	\$17.15



Threaded Escutcheon

Model E-2 (thread-on)

(includes cup & adapter)

(OD = 3-1/8" / 80 mm)

Polished Chrome	1/2"	11038F	V200	\$8.31
White	1/2"	11038M/W	V200	\$8.31

*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



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	12281AB	V121	\$42.99
Standard Brass	175°F	12281AD	V121	\$42.99
Standard Brass	200°F	12281AE	V121	\$42.99
Standard Brass	286°F	12281AG	V121	\$42.99
Chrome	155°F	12281FB	V121	\$45.51
Chrome	175°F	12281FD	V121	\$45.51
Chrome	200°F	12281FE	V121	\$45.51
Chrome	286°F	12281FG	V121	\$45.51
White-Polyester ¹	155°F	12281MB/W	V121	\$45.51
White-Polyester	175°F	12281MD/W	V121	\$45.51
White-Polyester	200°F	12281ME/W	V121	\$45.51
White-Polyester	286°F	12281MG/W	V121	\$45.51
Black-Polyester ¹	155°F	12281MB/B	V121	\$70.80
Black-Polyester	175°F	12281MD/B	V121	\$70.80
Black-Polyester	200°F	12281ME/B	V121	\$70.80
Black-Polyester	286°F	12281MG/B	V121	\$70.80
Nickel PTFE (ENT) ²	155°F	12281JNB	V188.A	\$68.90
Nickel PTFE (ENT)	175°F	12281JND	V188.A	\$68.90
Nickel PTFE (ENT)	200°F	12281JNE	V188.A	\$68.90
Nickel PTFE (ENT)	286°F	12281JNG	V188.A	\$68.90
Std Sprinkler Wrench		21475M/B	V207	\$77.63

Finish ²	Temp	Part #	IPG	List Price
Standard Brass	155°F	12282AB	V121	\$42.99
Standard Brass	175°F	12282AD	V121	\$42.99
Standard Brass	200°F	12282AE	V121	\$42.99
Standard Brass	286°F	12282AG	V121	\$42.99
Chrome	155°F	12282FB	V121	\$45.51
Chrome	175°F	12282FD	V121	\$45.51
Chrome	200°F	12282FE	V121	\$45.51
Chrome	286°F	12282FG	V121	\$45.51
White-Polyester ¹	155°F	12282MB/W	V121	\$45.51
White-Polyester	175°F	12282MD/W	V121	\$45.51
White-Polyester	200°F	12282ME/W	V121	\$45.51
White-Polyester	286°F	12282MG/W	V121	\$45.51
Black-Polyester ¹	155°F	12282MB/B	V121	\$70.80
Black-Polyester	175°F	12282MD/B	V121	\$91.03
Black-Polyester	200°F	12282ME/B	V121	\$91.03
Black-Polyester	286°F	12282MG/B	V121	\$91.03
Nickel PTFE (ENT) ²	155°F	12282MB/B	V121	\$70.80
Nickel PTFE (ENT)	175°F	12282MD/B	V121	\$91.03
Nickel PTFE (ENT)	200°F	12282ME/B	V121	\$91.03
Nickel PTFE (ENT)	286°F	12282MG/B	V121	\$91.03
Std Sprinkler Wrench		21475M/B	V207	\$77.63
Wrench for Recessed		13655W/B	V207	\$149.61

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

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	\$39.23
Polished Chrome	1/2"	06419AF	V200	\$8.28
White	1/2"	06419AM/W	V200	\$8.28
Black	1/2"	06419AM/B	V201	\$17.15



Threaded Escutcheon

Model E-2 (thread-on)

(includes cup & adapter)

(OD = 3-1/8" / 80 mm)

Polished Chrome	1/2"	11038F	V200	\$8.31
White	1/2"	11038M/W	V200	\$8.31

*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: VK344¹

K Factor: 2.8 (40)

Thread Size: 1/2 inch NPT

Base Part #: 20995



Microfast® Model M

HIGH PRESSURE - 250 PSI

**Quick Response
Standard Coverage**

Glass Bulb

Horizontal Sidewall

SIN: VK319²

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	20995AB	V125	\$82.24
Standard Brass	175°F	20995AD	V125	\$82.24
Standard Brass	200°F	20995AE	V125	\$82.24
Standard Brass	286°F	20995AG	V125	\$82.24
Chrome	155°F	20995FB	V125	\$87.76
Chrome	175°F	20995FD	V125	\$87.76
Chrome	200°F	20995FE	V125	\$87.76
Chrome	286°F	20995FG	V125	\$87.76
White-Polyester ³	155°F	20995MB/W	V125	\$87.76
White-Polyester	175°F	20995MD/W	V125	\$87.76
White-Polyester	200°F	20995ME/W	V125	\$87.76
White-Polyester	286°F	20995MG/W	V125	\$87.76
Black-Polyester ³	155°F	20995MB/B	V125	\$100.80
Black-Polyester	175°F	20995MD/B	V125	\$100.80
Black-Polyester	200°F	20995ME/B	V125	\$100.80
Black-Polyester	286°F	20995MG/B	V125	\$100.80
Std Sprinkler Wrench		21475M/B	V207	\$77.63
Wrench for Recessed		13655W/B	V207	\$149.61

Finish ⁴	Temp	Part #	IPG	List Price
Standard Brass	155°F	12285AB	V125	\$54.76
Standard Brass	175°F	12285AD	V125	\$54.76
Standard Brass	200°F	12285AE	V125	\$54.76
Standard Brass	286°F	12285AG	V125	\$54.76
Chrome	155°F	12285FB	V125	\$58.97
Chrome	175°F	12285FD	V125	\$58.97
Chrome	200°F	12285FE	V125	\$58.97
Chrome	286°F	12285FG	V125	\$58.97
White-Polyester ³	155°F	12285MB/W	V125	\$59.68
White-Polyester	175°F	12285MD/W	V125	\$59.68
White-Polyester	200°F	12285ME/W	V125	\$59.68
White-Polyester	286°F	12285MG/W	V125	\$59.68
Black-Polyester ³	155°F	12285MB/B	V125	\$82.55
Black-Polyester	175°F	12285MD/B	V125	\$82.55
Black-Polyester	200°F	12285ME/B	V125	\$82.55
Black-Polyester	286°F	12285MG/B	V125	\$82.55
Nickel PTFE (ENT)	155°F	12285JNB	V188.A	\$103.65
Nickel PTFE (ENT)	175°F	12285JND	V188.A	\$103.65
Nickel PTFE (ENT)	200°F	12285JNE	V188.A	\$103.65
Nickel PTFE (ENT)	286°F	12285JNG	V188.A	\$103.65
Std Sprinkler Wrench		21475M/B	V207	\$77.63
Wrench for Recessed		13655W/B	V207	\$149.61

Select Escutcheons - Recessed Pendant 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	\$39.23
Polished Chrome	1/2"	06419AF	V200	\$8.28
White	1/2"	06419AM/W	V200	\$8.28
Black	1/2"	06419AM/B	V201	\$17.15



Threaded Escutcheon

Model E-2 (thread-on)

(includes cup & adapter)

(OD = 3-1/8" / 80 mm)

Polished Chrome	1/2"	11038F	V200	\$8.31
White	1/2"	11038M/W	V200	\$8.31

(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.



XT1

HIGH PRESSURE - 250 PSI

Quick Response

Standard Coverage

Glass Bulb

Upright

SIN: VK3001

K Factor: 5.6 (81)

Thread Size: 1/2 inch NPT

Base Part #: 23100



XT1

HIGH PRESSURE - 250 PSI

Quick Response

Standard Coverage

Glass Bulb

Pendent

SIN: VK3021

K Factor: 5.6 (81)

Thread Size: 1/2 inch NPT

Base Part #: 23101

Finish	Temp	Part #	IPG	List Price
Standard Brass	135°F	23100AA	V120	\$31.79
Standard Brass	155°F	23100AB	V120	\$31.79
Standard Brass	175°F	23100AD	V120	\$31.79
Standard Brass	200°F	23100AE	V120	\$31.79
Standard Brass	286°F	23100AG	V120	\$31.79
Chrome	135°F	23100FA	V120	\$42.49
Chrome	155°F	23100FB	V120	\$42.49
Chrome	175°F	23100FD	V120	\$42.49
Chrome	200°F	23100FE	V120	\$42.49
Chrome	286°F	23100FG	V120	\$42.49
White-Polyester ¹	135°F	23100MA/W	V120	\$42.49
White-Polyester	155°F	23100MB/W	V120	\$42.49
White-Polyester	175°F	23100MD/W	V120	\$42.49
White-Polyester	200°F	23100ME/W	V120	\$42.49
White-Polyester	286°F	23100MG/W	V120	\$42.49
Black-Polyester ¹	135°F	23100MA/B	V120	\$70.80
Black-Polyester	155°F	23100MB/B	V120	\$70.80
Black-Polyester	175°F	23100MD/B	V120	\$70.80
Black-Polyester	200°F	23100ME/B	V120	\$70.80
Black-Polyester	286°F	23100MG/B	V120	\$70.80
Nickel PTFE (ENT) ²	135°F	23100JNA	V120	\$76.08
Nickel PTFE (ENT) ²	155°F	23100JNB	V120	\$76.08
Nickel PTFE (ENT)	175°F	23100JND	V120	\$76.08
Nickel PTFE (ENT)	200°F	23100JNE	V120	\$76.08
Nickel PTFE (ENT)	286°F	23100JNG	V120	\$76.08

Finish	Temp	Part #	IPG	List Price
Standard Brass	135°F	23101AA	V120	\$31.79
Standard Brass	155°F	23101AB	V120	\$31.79
Standard Brass	175°F	23101AD	V120	\$31.79
Standard Brass	200°F	23101AE	V120	\$31.79
Standard Brass	286°F	23101AG	V120	\$31.79
Chrome	135°F	23101FA	V120	\$33.72
Chrome	155°F	23101FB	V120	\$33.72
Chrome	175°F	23101FD	V120	\$33.72
Chrome	200°F	23101FE	V120	\$33.72
Chrome	286°F	23101FG	V120	\$33.72
White-Polyester ¹	135°F	23101MA/W	V120	\$33.72
White-Polyester	155°F	23101MB/W	V120	\$33.72
White-Polyester	175°F	23101MD/W	V120	\$33.72
White-Polyester	200°F	23101ME/W	V120	\$33.72
White-Polyester	286°F	23101MG/W	V120	\$33.72
Black-Polyester ¹	135°F	23101MA/B	V120	\$60.51
Black-Polyester	155°F	23101MB/B	V120	\$60.51
Black-Polyester	175°F	23101MD/B	V120	\$60.51
Black-Polyester	200°F	23101ME/B	V120	\$60.51
Black-Polyester	286°F	23101MG/B	V120	\$60.51
Nickel PTFE (ENT) ²	135°F	23101JNA	V120	\$76.08
Nickel PTFE (ENT) ²	155°F	23101JNB	V120	\$76.08
Nickel PTFE (ENT)	175°F	23101JND	V120	\$76.08
Nickel PTFE (ENT)	200°F	23101JNE	V120	\$76.08
Nickel PTFE (ENT)	286°F	23101JNG	V120	\$76.08

Installation Wrenches

Wrench - Installer	22940MB	V207	\$77.63
Wrench - Spk Cabinet	20901M/B	V207	\$77.63
Wrench - Recessed	20951M/B	V207	\$149.61
Wrench - Straight	22940MB	V207	\$77.63

Select Escutcheons - Recessed Pendent Sprinklers*

NP-1 push-on (chrome, 1/2 in)	22066F	V200	\$8.28
NP-1 push-on (white, 1/2 in)	22066M/W	V200	\$8.28
NP-2 threaded (chrome, 1/2 in)	22067F	V200	\$8.31

*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® 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



Microfast® Stainless Steel
CORROSION RESISTANT
Quick Response
Standard Coverage
Glass Bulb
Stainless Steel - Pendant
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	14692A	V110	\$568.61
Stainless Steel	155°F	14692B	V110	\$568.61
Stainless Steel	175°F	14692D	V110	\$568.61
Stainless Steel	200°F	14692E	V110	\$568.61
Stainless Steel	286°F	14692G	V110	\$568.61
Std Sprinkler Wrench		21475M/B	V207	\$77.63

Finish	Temp	Part #	IPG	List Price
Stainless Steel	135°F	14693A	V110	\$568.61
Stainless Steel	155°F	14693B	V110	\$568.61
Stainless Steel	175°F	14693D	V110	\$568.61
Stainless Steel	200°F	14693E	V110	\$568.61
Stainless Steel	286°F	14693G	V110	\$568.61
Std Sprinkler Wrench		21475M/B	V207	\$77.63

Stainless Steel Escutcheons*

Model E-1 (push-on) - Includes adapter and cup

Finish	Size	Part #	IPG	List Price
Polished Chrome	1/2"	07902F	V201	\$33.72
White	1/2"	07902M/W	V201	\$33.72
Nickel PTFE (ENT)	1/2"	07902JN	V188.A	\$64.59

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



Section C - Sprinklers Extended Coverage

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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 20, 2020. Supersedes January 2019 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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Mirage® is a registered trademark of The Viking Corporation



Microfast® Model M

**Quick/Standard Response
Extended Coverage
Glass Bulb
Pendant**

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



Microfast® Model M

**Standard/Quick Response
Extended Coverage
Glass Bulb
Pendant**

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

Finish	Temp	Part #	IPG	List Price
Standard Brass	135°F	06778BAA	V135	\$67.33
Standard Brass	155°F	06778BAB	V135	\$67.33
Standard Brass	175°F	06778BAD	V135	\$67.33
Chrome	135°F	06778BFA	V135	\$67.33
Chrome	155°F	06778BFB	V135	\$67.33
Chrome	175°F	06778BFD	V135	\$67.33
White-Polyester ¹	135°F	06778BMA/W	V135	\$70.69
White-Polyester	155°F	06778BMB/W	V135	\$70.69
White-Polyester	175°F	06778BMD/W	V135	\$70.69
Std Sprinkler Wrench		21475M/B	V207	\$77.63
Wrench for Recessed		13577W/B	V207	\$149.61

Finish	Temp	Part #	IPG	List Price
Standard Brass	135°F	18262AA	V135	\$74.59
Standard Brass	155°F	18262AB	V135	\$74.59
Standard Brass	175°F	18262AD	V135	\$74.59
Chrome	135°F	18262FA	V135	\$80.54
Chrome	155°F	18262FB	V135	\$80.54
Chrome	175°F	18262FD	V135	\$80.54
White-Polyester ²	135°F	18262MA/W	V135	\$80.54
White-Polyester	155°F	18262MB/W	V135	\$80.54
White-Polyester	175°F	18262MD/W	V135	\$80.54
Std Sprinkler Wrench		21475M/B	V207	\$77.63
Wrench for Recessed		13577W/B	V207	\$149.61



HIGH PRESSURE - Model M

**Standard/Quick Response
Extended Coverage
Glass Bulb
Pendant**

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

Finish	Temp	Part #	IPG	List Price
Standard Brass	135°F	12294AA	V135	\$73.83
Standard Brass	155°F	12294AB	V135	\$73.83
Standard Brass	175°F	12294AD	V135	\$73.83
Chrome	135°F	12294FA	V135	\$78.81
Chrome	155°F	12294FB	V135	\$78.81
Chrome	175°F	12294FD	V135	\$78.81
White-Polyester ¹	135°F	12294MA/W	V135	\$78.81
White-Polyester	155°F	12294MB/W	V135	\$78.81
White-Polyester	175°F	12294MD/W	V135	\$78.81
Std Sprinkler Wrench		21475M/B	V207	\$77.63
Wrench for Recessed		13577W/B	V207	\$149.61

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

Select Escutcheons - 1/2 inch *

E1 push-on (chrome, 1/2 in)	06419AF	V200	\$8.28
E1 push-on (white, 1/2 in)	06419AM/W	V200	\$8.28
E2 threaded (chrome, 1/2 in)	11038F	V200	\$8.31

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

Select Escutcheons - 3/4 inch *

E1 push-on (chrome, 3/4 in)	20369F	V200	\$8.31
E1 push-on (white, 3/4 in)	20369M/W	V200	\$8.31
E2 threaded (chrome, 3/4 in)	20130F	V200	\$8.31

*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

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	08687AB	V139	\$101.90
Standard Brass	175°F	08687AD	V139	\$101.90
Standard Brass	200°F	08687AE	V139	\$101.90
Standard Brass	286°F	08687AG	V139	\$101.90
Chrome	155°F	08687FB	V139	\$116.76
Chrome	175°F	08687FD	V139	\$116.76
Chrome	200°F	08687FE	V139	\$116.76
Chrome	286°F	08687FG	V139	\$116.76
White-Polyester ³	155°F	08687MB/W	V139	\$116.76
White-Polyester	175°F	08687MD/W	V139	\$116.76
White-Polyester	200°F	08687ME/W	V139	\$116.76
White-Polyester	286°F	08687MG/W	V139	\$116.76
Black-Polyester ³	155°F	08687MB/B	V139	\$158.83
Black-Polyester	175°F	08687MD/B	V139	\$158.83
Black-Polyester	200°F	08687ME/B	V139	\$158.83
Black-Polyester	286°F	08687MG/B	V139	\$158.83
Nickel PTFE (ENT) ⁴	155°F	08687JNB	V188.A	\$143.55
Nickel PTFE (ENT)	175°F	08687JND	V188.A	\$143.55
Nickel PTFE (ENT)	200°F	08687JNE	V188.A	\$143.55
Nickel PTFE (ENT)	286°F	08687JNG	V188.A	\$143.55
Std Sprinkler Wrench		05118CW/B	V207	\$149.61

Finish	Temp	Part #	IPG	List Price
Standard Brass	155°F	08340AB	V139	\$101.89
Standard Brass	175°F	08340AD	V139	\$101.89
Standard Brass	200°F	08340AE	V139	\$101.89
Standard Brass	286°F	08340AG	V139	\$101.89
Chrome	155°F	08340FB	V139	\$104.89
Chrome	175°F	08340FD	V139	\$104.89
Chrome	200°F	08340FE	V139	\$104.89
Chrome	286°F	08340FG	V139	\$104.89
White-Polyester ³	155°F	08340MB/W	V139	\$104.89
White-Polyester	175°F	08340MD/W	V139	\$104.89
White-Polyester	200°F	08340ME/W	V139	\$104.89
White-Polyester	286°F	08340MG/W	V139	\$104.89
Black-Polyester ³	155°F	08340MB/B	V139	\$158.83
Black-Polyester	175°F	08340MD/B	V139	\$158.83
Black-Polyester	200°F	08340ME/B	V139	\$158.83
Black-Polyester	286°F	08340MG/B	V139	\$158.83
Nickel PTFE (ENT) ⁴	155°F	08340JNB	V188.A	\$143.55
Nickel PTFE (ENT)	175°F	08340JND	V188.A	\$143.55
Nickel PTFE (ENT)	200°F	08340JNE	V188.A	\$143.55
Nickel PTFE (ENT)	286°F	08340JNG	V188.A	\$143.55
Std Wrench for ELO Spk		05118CW/B	V207	\$149.61
Wrench for Recessed		11663W/B	V207	\$149.61

Model M

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



SIN: VK608¹
K Factor: 11.2 (161)
Thread Size: 3/4 inch NPT
Base Part #: 08339

- (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.

Finish	Temp	Part #	IPG	List Price
Standard Brass	135°F	08339AA	V138	\$105.46
Standard Brass	155°F	08339AB	V138	\$105.46
Standard Brass	175°F	08339AD	V138	\$105.46
Chrome	135°F	08339FA	V138	\$112.67
Chrome	155°F	08339FB	V138	\$112.67
Chrome	175°F	08339FD	V138	\$112.67
White-Polyester ³	135°F	08339MA/W	V138	\$112.67
White-Polyester	155°F	08339MB/W	V138	\$112.67
White-Polyester	175°F	08339MD/W	V138	\$112.67
Black-Polyester ³	135°F	08339MA/B	V138	\$145.67
Black-Polyester	155°F	08339MB/B	V138	\$145.67
Black-Polyester	175°F	08339MD/B	V138	\$145.67
Nickel PTFE (ENT) ⁴	135°F	08339JNA	V188.A	\$180.66
Nickel PTFE (ENT)	155°F	08339JNB	V188.A	\$180.66
Nickel PTFE (ENT)	175°F	08339JND	V188.A	\$180.66
Std Sprinkler Wrench		05118CW/B	V207	\$149.61
Wrench for Recessed		11663W/B	V207	\$149.61

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

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	13840AB	V140	\$122.46
Standard Brass	175°F	13840AD	V140	\$122.46
Standard Brass	200°F	13840AE	V140	\$122.46
Standard Brass	286°F	13840AG	V140	\$122.46
Chrome	155°F	13840FB	V140	\$133.59
Chrome	175°F	13840FD	V140	\$133.59
Chrome	200°F	13840FE	V140	\$133.59
Chrome	286°F	13840FG	V140	\$133.59
White-Polyester ²	155°F	13840MB/W	V140	\$133.59
White-Polyester	175°F	13840MD/W	V140	\$133.59
White-Polyester	200°F	13840ME/W	V140	\$133.59
White-Polyester	286°F	13840MG/W	V140	\$133.59
Black-Polyester ²	155°F	13840MB/B	V140	\$186.63
Black-Polyester	175°F	13840MD/B	V140	\$186.63
Black-Polyester	200°F	13840ME/B	V140	\$186.63
Black-Polyester	286°F	13840MG/B	V140	\$186.63
Nickel PTFE (ENT) ⁴	155°F	13840JNB	V188.A	\$179.42
Nickel PTFE (ENT)	175°F	13840JND	V188.A	\$179.42
Nickel PTFE (ENT)	200°F	13840JNE	V188.A	\$179.42
Nickel PTFE (ENT)	286°F	13840JNG	V188.A	\$179.42
Wrench for ECOH 14K		07297W/B	V207	\$116.56
Wrench for Recsd ECOH		13032W/B	V207	\$149.61

**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	\$194.74
Standard Brass	212°F	16859AE	V158	\$194.74
Spk Wrench		16888M/B	V207	\$171.52

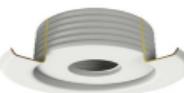
Finish	Temp	Part #	IPG	List Price
Standard Brass	155°F	13722AB	V140	\$122.46
Standard Brass	175°F	13722AD	V140	\$122.46
Standard Brass	200°F	13722AE	V140	\$122.46
Standard Brass	286°F	13722AG	V140	\$122.46
Chrome	155°F	13722FB	V140	\$133.59
Chrome	175°F	13722FD	V140	\$133.59
Chrome	200°F	13722FE	V140	\$133.59
Chrome	286°F	13722FG	V140	\$133.59
White-Polyester ²	155°F	13722MB/W	V140	\$133.59
White-Polyester	175°F	13722MD/W	V140	\$133.59
White-Polyester	200°F	13722ME/W	V140	\$133.59
White-Polyester	286°F	13722MG/W	V140	\$133.59
Black-Polyester ²	155°F	13722MB/B	V140	\$186.63
Black-Polyester	175°F	13722MD/B	V140	\$186.63
Black-Polyester	200°F	13722ME/B	V140	\$186.63
Black-Polyester	286°F	13722MG/B	V140	\$186.63
Nickel PTFE (ENT) ⁴	155°F	13722JNB	V188.A	\$179.42
Nickel PTFE (ENT)	175°F	13722JND	V188.A	\$179.42
Nickel PTFE (ENT)	200°F	13722JNE	V188.A	\$179.42
Nickel PTFE (ENT)	286°F	13722JNG	V188.A	\$179.42
Wrench for ECOH 14K		07297W/B	V207	\$116.56
Wrench for Recsd ECOH		13032W/B	V207	\$149.61

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	\$39.23
Polished Chrome	3/4"	20369F	V200	\$8.31
White	3/4"	20369M/W	V200	\$8.31
Black	3/4"	20369M/B	V201	\$17.15



Threaded Escutcheon

Model E-2 (thread-on)

(includes cup & adapter)
(OD = 3-1/8" / 80 mm)

Finish	Size	Part #	IPG	List Price
Polished Chrome	3/4"	20130F	V200	\$8.31
White	3/4"	20130M/W	V200	\$8.31

*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	\$66.91
Standard Brass	155°F	12120AB	V136	\$66.91
Standard Brass	175°F	12120AD	V136	\$66.91
Chrome	135°F	12120FA	V136	\$74.47
Chrome	155°F	12120FB	V136	\$74.47
Chrome	175°F	12120FD	V136	\$74.47
White-Polyester ¹	135°F	12120MA/W	V136	\$74.47
White-Polyester	155°F	12120MB/W	V136	\$74.47
White-Polyester	175°F	12120MD/W	V136	\$74.47
Std Sprinkler Wrench		21475M/B	V207	\$77.63
Wrench for Recessed		13655W/B	V207	\$149.61

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	\$73.66
Standard Brass	155°F	12295AB	V136	\$73.66
Standard Brass	175°F	12295AD	V136	\$73.66
Chrome	135°F	12295FA	V136	\$78.94
Chrome	155°F	12295FB	V136	\$78.94
Chrome	175°F	12295FD	V136	\$78.94
White-Polyester ¹	135°F	12295MA/W	V136	\$78.94
White-Polyester	155°F	12295MB/W	V136	\$78.94
White-Polyester	175°F	12295MD/W	V136	\$78.94
Std Sprinkler Wrench		21475M/B	V207	\$77.63
Wrench for Recessed		13655W/B	V207	\$149.61

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

Select Escutcheons - 1/2 inch *

E1 push-on (chrome, 1/2 in)	06419AF	V200	\$8.28
E1 push-on (white, 1/2 in)	06419AM/W	V200	\$8.28
E2 threaded (chrome, 1/2 in)	11038F	V200	\$8.31

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

Select Escutcheons - 3/4 inch *

E1 push-on (chrome, 3/4 in)	20369F	V200	\$8.31
E1 push-on (white, 3/4 in)	20369M/W	V200	\$8.31
E2 threaded (chrome, 3/4 in)	20130F	V200	\$8.31

*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	\$77.56
Standard Brass	155°F	13500AB	V141	\$77.56
Standard Brass	175°F	13500AD	V141	\$77.56
Chrome	135°F	13500FA	V141	\$83.09
Chrome	155°F	13500FB	V141	\$83.09
Chrome	175°F	13500FD	V141	\$83.09
White-Polyester	135°F	13500MA/W	V141	\$83.09
White-Polyester	155°F	13500MB/W	V141	\$83.09
White-Polyester	175°F	13500MD/W	V141	\$83.09
Black-Polyester	135°F	13500MA/B	V141	\$106.91
Black-Polyester	155°F	13500MB/B	V141	\$106.91
Black-Polyester	175°F	13500MD/B	V141	\$106.91
Nickel PTFE (ENT) ²	135°F	13500JNA	V188.A	\$157.90
Nickel PTFE (ENT)	155°F	13500JNB	V188.A	\$157.90
Nickel PTFE (ENT)	175°F	13500JND	V188.A	\$157.90
Std Sprinkler Wrench		21475M/B	V207	\$77.63
Wrench for Rcsd HSW		13655W/B	V207	\$149.61

Microtech®^{1,2}

Quick Response
Extended Coverage
Glass Bulb
Domed Concealed Sidewall



SIN: VK630-D⁺
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	\$93.74
Standard Brass	175°F	13500ADX	V141	\$93.74
Nickel PTFE (ENT) ²	135°F	13500JNAX	V188.A	\$186.60
Nickel PTFE (ENT)	175°F	13500JNDX	V188.A	\$186.60
Spk Wrench Domed Cncl		13655W/B	V207	\$149.61

Domed Cover Plate¹

Base Part #: 13501

Finish	Temp	Part #	IPG	List Price
Chrome	135°F	13501FA	V214	\$44.03
Chrome	165°F	13501FC	V214	\$44.03
Painted White	135°F	13501MA/W	V214	\$44.03
Painted White	165°F	13501MC/W	V214	\$44.03
Painted Ivory	135°F	13501MA/I	V214	\$55.94
Painted Ivory	165°F	13501MC/I	V214	\$55.94
Painted Black	135°F	13501MA/B	V214	\$55.94
Painted Black	165°F	13501MC/B	V214	\$55.94

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	\$87.58
Standard Brass	175°F	17375AD	V142	\$87.58
Chrome	155°F	17375FB	V142	\$87.58
Chrome	175°F	17375FD	V142	\$87.58
Chrome	200°F	17375FE	V142	\$87.58
White-Polyester	155°F	17375MB/W	V142	\$87.58
White-Polyester	175°F	17375MD/W	V142	\$87.58
White-Polyester	200°F	17375ME/W	V142	\$87.58
Black-Polyester	155°F	17375MB/B	V142	\$94.35
Black-Polyester	175°F	17375MD/B	V142	\$94.35
Std Sprinkler Wrench		21475M/B	V207	\$77.63
Wrench for Rcsd HSW		13655W/B	V207	\$149.61

Corridor Sprinkler

Quick Response
Extended Coverage
Glass Bulb
Domed Concealed Sidewall



SIN: VK638-D¹
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	\$87.58
Standard Brass	175°F	17375ADX	V142	\$87.58
Spk Wrench Domed Cncl		13655W/B	V207	\$149.61

(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 Pendant



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

Mirage^{®1}

Quick Response
Extended Coverage
Glass Bulb
Concealed Pendant



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

Finish	Temp	Part #	IPG	List Price
Standard Brass	135°F	14613AA	V137	\$88.26
Standard Brass	155°F	14613AB	V137	\$88.26
Standard Brass	175°F	14613AD	V137	\$88.26
Standard Brass	200°F	14613AE	V137	\$88.26
Heavy Duty Spk Wrench	14047W/B		V207	\$149.61
Cabinet Wrench/Cap Tool	14031		V205	\$30.63

Finish	Temp	Part #	IPG	List Price
Standard Brass	135°F	14535AA	V137	\$110.79
Standard Brass	155°F	14535AB	V137	\$110.79
Standard Brass	175°F	14535AD	V137	\$110.79
Standard Brass	200°F	14535AE	V137	\$110.79
Heavy Duty Spk Wrench	14047W/B		V207	\$149.61
Cabinet Wrench/Cap Tool	14031		V205	\$30.63

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 Pendant



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

ELO Mirage^{®1}

Quick Response
Extended Coverage
ORDINARY HAZARD
Fusible Link
Concealed Pendant



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

Finish	Temp	Part #	IPG	List Price
Standard Brass	165°F	16102AC	V137	\$134.79
Standard Brass	205°F	16102AE	V137	\$134.79
Heavy Duty Spk Wrench	15467W/B		V207	\$149.61
Cabinet Wrench/Cap Tool	15466		V205	\$30.63

Finish	Temp	Part #	IPG	List Price
Standard Brass	165°F	17115AC	V137	\$150.76
Standard Brass	205°F	17115AE	V137	\$150.76
Heavy Duty Spk Wrench	15467W/B		V207	\$149.61
Cabinet Wrench/Cap Tool	15466		V205	\$30.63

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

<u>(1) Cover plates sold separately. See following page for details.</u>
EC Flat Concealed HSW
Light Hazard
Quick Response
Extended Coverage
Fusible Link
Flat Concealed Sidewall
<u>SIN:</u> VK680
<u>K Factor:</u> 8.0 (115)
<u>Thread Size:</u> 3/4 inch NPT
<u>Base Part #:</u> 17114AC
Finish
Temp
Part #
IPG
List Price
Standard Brass
165°F
17114AC
V143
\$140.41
Heavy Duty Spk Wrench
16208W/R
V207
\$149.61
Limited Use Spk Wrench
16267
V207
\$30.67

VK680 Cover Plate

Diameter = 3-5/16 inches



Finish	Temp	Part #	IPG	List Price
Chrome	135°F	16207FA	V213	\$72.34
White	135°F	16207MA/W	V213	\$41.83
Ivory	135°F	16207MA/I	V213	\$50.28
Black	135°F	16207MA/B	V213	\$50.28
Cover Installation Tool		14867	V205	\$13.50

Standard Cover Plate

Diameter = 2-3/4 inches

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



Finish	Temp	Part #	IPG	List
Polished Chrome	135°F	23190FA	V208	\$94.24
Polished Chrome	165°F	23190FC	V208	\$94.24
White	135°F	23190MA/W	V208	\$35.95
White	165°F	23190MC/W	V208	\$35.95
Ivory	135°F	23190MA/I	V209	\$44.98
Ivory	165°F	23190MC/I	V209	\$44.98
Black	135°F	23190MA/B	V209	\$44.98
Black	165°F	23190MC/B	V209	\$44.98
Bright Brass	135°F	23190BA	V209	\$44.98
Bright Brass	165°F	23190BC	V209	\$44.98
Brushed Brass	135°F	23190BA/B	V209	\$44.98
Brushed Brass	165°F	23190BC/B	V209	\$44.98
Antique Brass	135°F	23190BA/A	V209	\$44.98
Antique Brass	165°F	23190BC/A	V209	\$44.98
Brushed Copper	135°F	23190EA/B	V209	\$44.98
Brushed Copper	165°F	23190EC/B	V209	\$44.98
Brushed Chrome	135°F	23190FA/B	V209	\$44.98
Brushed Chrome	165°F	23190FC/B	V209	\$44.98

Large Cover Plate

Diameter = 3-5/16 inches

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



Finish	Temp	Part #	IPG	List
Polished Chrome	135°F	23174FA	V208	\$94.24
Polished Chrome	165°F	23174FC	V208	\$94.24
White	135°F	23174MA/W	V208	\$35.95
White	165°F	23174MC/W	V208	\$35.95
Ivory	135°F	23174MA/I	V209	\$44.98
Ivory	165°F	23174MC/I	V209	\$44.98
Black	135°F	23174MA/B	V209	\$44.98
Black	165°F	23174MC/B	V209	\$44.98
Bright Brass	135°F	23174BA	V209	\$44.98
Bright Brass	165°F	23174BC	V209	\$44.98
Brushed Brass	135°F	23174BA/B	V209	\$44.98
Brushed Brass	165°F	23174BC/B	V209	\$44.98
Antique Brass	135°F	23174BA/A	V209	\$44.98
Antique Brass	165°F	23174BC/A	V209	\$44.98
Brushed Copper	135°F	23174EA/B	V209	\$44.98
Brushed Copper	165°F	23174EC/B	V209	\$44.98
Brushed Chrome	135°F	23174FA/B	V209	\$44.98
Brushed Chrome	165°F	23174FC/B	V209	\$44.98

Square Cover Plate

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



Finish	Temp	Part #	IPG	List
Polished Chrome	135°F	23179FA	V210	\$61.87
Polished Chrome	165°F	23179FC	V210	\$61.87
White	135°F	23179MA/W	V210	\$59.39
White	165°F	23179MC/W	V210	\$59.39
Ivory	135°F	23179MA/I	V210	\$59.39
Ivory	165°F	23179MC/I	V210	\$59.39
Black	135°F	23179MA/B	V210	\$59.39
Black	165°F	23179MC/B	V210	\$59.39
Bright Brass	135°F	23179BA	V210	\$72.43
Bright Brass	165°F	23179BC	V210	\$72.43
Brushed Brass	135°F	23179BA/B	V210	\$72.43
Brushed Brass	165°F	23179BC/B	V210	\$72.43
Antique Brass	135°F	23179BA/A	V210	\$72.43
Antique Brass	165°F	23179BC/A	V210	\$72.43
Brushed Copper	135°F	23179EA/B	V210	\$72.43
Brushed Copper	165°F	23179EC/B	V210	\$72.43
Brushed Chrome	135°F	23179FA/B	V210	\$72.43
Brushed Chrome	165°F	23179FC/B	V210	\$72.43

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	\$94.24
Polished Chrome	165°F	15765FC	V208	\$94.24
White	135°F	15765MA/W	V208	\$35.95
White	165°F	15765MC/W	V208	\$35.95
Ivory	135°F	15765MA/I	V209	\$44.98
Ivory	165°F	15765MC/I	V209	\$44.98
Black	135°F	15765MA/B	V209	\$44.98
Black	165°F	15765MC/B	V209	\$44.98

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



Microfast® Model M

Quick Response

Extended Coverage

FUSIBLE LINK¹

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	\$134.62
Standard Brass	205°F	14139AE	V139	\$134.62
Chrome	165°F	14139FC	V139	\$157.51
Chrome	205°F	14139FE	V139	\$157.51
White-Polyester	165°F	14139MC/W	V139	\$157.51
White-Polyester	205°F	14139ME/W	V139	\$157.51
Std Sprinkler Wrench		05118CW/B	V207	\$149.61



Microfast® Model M

Quick Response

Extended Coverage

FUSIBLE LINK¹

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	\$134.62
Standard Brass	205°F	14611AE	V139	\$134.62
Chrome	165°F	14611FC	V139	\$157.51
Chrome	205°F	14611FE	V139	\$157.51
White-Polyester	165°F	14611MC/W	V139	\$157.51
White-Polyester	205°F	14611ME/W	V139	\$157.51
Std Sprinkler Wrench		05118CW/B	V207	\$149.61
Wrench for Recessed		11663W/B	V207	\$149.61



Microfast® Model M

Quick Response

Extended Coverage

FUSIBLE LINK¹

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	\$78.48
Standard Brass	205°F	13969AE	V135	\$78.48
Chrome	165°F	13969FC	V135	\$91.13
Chrome	205°F	13969FE	V135	\$91.13
White-Polyester	165°F	13969MC/W	V135	\$91.13
White-Polyester	205°F	13969ME/W	V135	\$91.13
Std Sprinkler Wrench		21475M/B	V207	\$77.63
Wrench for Recessed		13655W/B	V207	\$149.61



Microfast® Model M

Quick Response

Extended Coverage

FUSIBLE LINK¹

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	\$98.36
Standard Brass	205°F	18277AE	V135	\$98.36
Chrome	165°F	18277FC	V135	\$101.07
Chrome	205°F	18277FE	V135	\$101.07
White-Polyester	165°F	18277MC/W	V135	\$101.07
White-Polyester	205°F	18277ME/W	V135	\$101.07
Std Sprinkler Wrench		21475M/B	V207	\$77.63
Wrench for Recessed		13655W/B	V207	\$149.61



Microfast® Model M

Quick Response

Extended Coverage

FUSIBLE LINK¹

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	\$128.56
Standard Brass	205°F	14141AE	V138	\$128.56
Chrome	165°F	14141FC	V138	\$139.68
Chrome	205°F	14141FE	V138	\$139.68
White-Polyester	165°F	14141MC/W	V139	\$157.51
White-Polyester	205°F	14141ME/W	V139	\$157.51
Std Sprinkler Wrench		05118CW/B	V207	\$149.61
Wrench for Recessed		11663W/B	V207	\$149.61

Select Escutcheons - 1/2 inch *				
E1 push-on (chrome, 1/2 in)	06419AF	V200	\$8.28	
E1 push-on (white, 1/2 in)	06419AM/W	V200	\$8.28	
E2 threaded (chrome, 1/2 in)	11038F	V200	\$8.31	

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

Select Escutcheons - 3/4 inch *				
E1 push-on (chrome, 3/4 in)	20369F	V200	\$8.31	
E1 push-on (white, 3/4 in)	20369M/W	V200	\$8.31	
E2 threaded (chrome, 3/4 in)	20130F	V200	\$8.31	

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

(1) 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 LINK¹

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	\$73.66
Standard Brass	205°F	13971AE	V136	\$73.66
Chrome	165°F	13971FC	V136	\$78.94
Chrome	205°F	13971FE	V136	\$78.94
White-Polyester	165°F	13971MC/W	V136	\$78.94
White-Polyester	205°F	13971ME/W	V136	\$78.94
Std Sprinkler Wrench		21475M/B	V207	\$77.63
Wrench for Recessed		13655W/B	V207	\$149.61

Microfast® Model M

Quick Response
Extended Coverage
FUSIBLE LINK¹

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	\$80.08
Standard Brass	205°F	13973AE	V136	\$80.08
Chrome	165°F	13973FC	V136	\$82.52
Chrome	205°F	13973FE	V136	\$82.52
White-Polyester	165°F	13973MC/W	V136	\$82.52
White-Polyester	205°F	13973ME/W	V136	\$82.52
Std Sprinkler Wrench		21475M/B	V207	\$77.63
Wrench for Recessed		13655W/B	V207	\$149.61

Microfast® Model M

Quick Response
Extended Coverage
FUSIBLE LINK¹
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	\$91.78
Standard Brass	205°F	13972AE	V135	\$91.78
Chrome	165°F	13972FC	V135	\$95.67
Chrome	205°F	13972FE	V135	\$95.67
White-Polyester	165°F	13972MC/W	V135	\$95.67
White-Polyester	205°F	13972ME/W	V135	\$95.67
Std Sprinkler Wrench		21475M/B	V207	\$77.63
Wrench for Recessed		13577W/B	V207	\$149.61

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	\$39.23
Polished Chrome	1/2"	06419AF	V200	\$8.28
White	1/2"	06419AM/W	V200	\$8.28
Black	1/2"	06419AM/B	V201	\$17.15

Threaded Escutcheon

Model E-2 (thread-on)

(includes cup & adapter)
(OD = 3-1/8" / 80 mm)

Polished Chrome	1/2"	11038F	V200	\$8.31
White	1/2"	11038M/W	V200	\$8.31

*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.



Section D Storage Sprinklers

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CMDA, CMSA, and
EC Storage Spk

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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 20, 2020. Supersedes January 2019 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

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

Finish	Temp	Part #	IPG	List Price
Standard Brass	165°F	10625AC	V145	\$123.98
Standard Brass	205°F	10625AE	V145	\$123.98
Spk Wrench Upright ESFR	05118CW/B		V207	\$149.61



ESFR
Storage
Fusible Link
Pendent

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

Finish	Temp	Part #	IPG	List Price
Standard Brass	165°F	10284AC	V146	\$97.63
Standard Brass	205°F	10284AE	V146	\$97.63
Spk Wrench 14K ESFR	13635W/B		V207	\$140.32



ESFR
Storage
Fusible Link
Pndnt

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

Finish	Temp	Part #	IPG	List Price
Standard Brass	165°F	14073AC	V147	\$107.42
Standard Brass	205°F	14073AE	V147	\$107.42
Spk Wrench Pndnt ESFR	13635W/B		V207	\$140.32



ESFR
Storage
Fusible Link
Pendnt

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

Finish	Temp	Part #	IPG	List Price
Standard Brass	165°F	18493AC	V148	\$139.29
Standard Brass	205°F	18493AE	V148	\$139.29
Spk Wrench Pndnt ESFR	13635W/B		V207	\$140.32



ESFR
Storage
Fusible Link
Pendnt

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

Finish	Temp	Part #	IPG	List Price
Standard Brass	165°F	12080AC	V149	\$144.24
Standard Brass	205°F	12080AE	V149	\$144.24
Spk Wrench Pndnt ESFR	13635W/B		V207	\$140.32



ESFR
Storage
Fusible Link
Pendnt

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

Finish	Temp	Part #	IPG	List Price
Standard Brass	165°F	22894AC	V150	\$148.08
Standard Brass	205°F	22894AE	V150	\$148.08
Standard Brass	165°F	19591AC	V150	\$148.08
Standard Brass	205°F	19591AE	V150	\$148.08
Spk Wrench Pndnt ESFR	13635W/B		V207	\$140.32

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

ESFR Dry Pendant Sprinklers

ESFR - Dry Sprinkler^{1,2,3}

Fusible Link

DRY SPRINKLER

Pendent



<u>SIN:</u>	VK502
<u>K Factor:</u>	14.0 (202)
<u>Connection:</u>	
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	\$1,613.35
Threaded - 36"	165°F	18177AC	V151	\$1,727.33
Additional Available Lengths				
Grooved - 18"	165°F	18702AC	V151	\$1,694.02
Threaded - 18"	165°F	18703AC	V151	\$1,727.33
Grooved - 24"	165°F	18706AC	V151	\$1,694.92
Threaded - 24"	165°F	18707AC	V151	\$1,694.02
Grooved - 30"	165°F	18710AC	V151	\$1,694.92
Threaded - 30"	165°F	18711AC	V151	\$1,727.33

ESFR - Dry Sprinkler^{1,2,3}

Fusible Link

DRY SPRINKLER



<u>SIN:</u>	VK504
<u>K Factor:</u>	16.8 (242)
<u>Connection:</u>	
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 - 37½"	165°F	19015AC	V152	\$1,623.50
Grooved - 37½"	205°F	19015AE	V152	\$1,623.50
Threaded - 36½"	165°F	19016AC	V152	\$1,681.47
Threaded - 36½"	205°F	19016AE	V152	\$1,681.47
Additional Available Lengths				
Grooved - 19½"	165°F	19225AC	V152	\$1,623.50
Grooved - 19½"	205°F	19225AE	V152	\$1,623.50
Threaded - 18½"	165°F	19226AC	V152	\$1,681.47
Threaded - 18½"	205°F	19226AE	V152	\$1,681.47
Grooved - 25½"	165°F	19229AC	V152	\$1,623.50
Grooved - 25½"	205°F	19229AE	V152	\$1,623.50
Threaded - 24½"	165°F	19230AC	V152	\$1,681.47
Threaded - 24½"	205°F	19230AE	V152	\$1,681.47
Grooved - 31½"	165°F	19233AC	V152	\$1,623.50
Grooved - 31½"	205°F	19233AE	V152	\$1,623.50
Threaded - 30½"	165°F	19234AC	V152	\$1,681.47
Threaded - 30½"	205°F	19234AE	V152	\$1,681.47

(1) VK502 and VK504 can only be installed in wet systems.

(2) Includes two dry sprinkler insulation boots (p/n 22089M/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



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

Finish	Temp	Part #	IPG	List Price
Standard Brass	160°F	14243AC	V153	\$178.25
Standard Brass	205°F	14243AE	V153	\$178.25
Spk Wrench		13635W/B	V207	\$140.32

High Challenge®

Large Drop

ELO

Glass Bulb

Upright



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

Finish	Temp	Part #	IPG	List Price
Standard Brass	155°F	13167AB	V155	\$121.66
Standard Brass	200°F	13167AE	V155	\$121.66
Standard Brass	286°F	13167AG	V155	\$121.66
Wrench High Challenge		05118CW/B	V207	\$149.61

FOR REPLACEMENT ONLY

High Challenge®

Large Drop

ELO

Glass Bulb

Upright



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

Finish	Temp	Part #	IPG	List Price
Standard Brass	155°F	13166AB	V154	\$173.20
Standard Brass	200°F	13166AE	V154	\$173.20
Standard Brass	286°F	13166AG	V154	\$173.20
Wrench High Challenge		05118CW/B	V207	\$149.61



Control Mode

Standard Response

Density Area

Glass Bulb

Upright

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



FM Storage / Non-Storage

Standard Response

Standard Coverage

Glass Bulb

Upright

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

Finish	Temp	Part #	IPG	List Price
Standard Brass	155°F	12739AB	V156	\$95.62
Standard Brass	175°F	12739AD	V156	\$95.62
Standard Brass	200°F	12739AE	V156	\$95.62
Standard Brass	286°F	12739AG	V156	\$95.62
Spk Wrench for 16.8K		07297W/B	V207	\$116.56

Finish	Temp	Part #	IPG	List Price
Standard Brass	155°F	19522AB	V157	\$168.05
Standard Brass	175°F	19522AD	V157	\$168.05
Standard Brass	200°F	19522AE	V157	\$168.05
Standard Brass	286°F	19522AG	V157	\$168.05
Spk Wrench Pndnt ESFR		13635W/B	V207	\$140.32



Model-M ELO

Standard Response

Special Application

Glass Bulb

Upright

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



Model-M ELO

Quick Response

Special Application

Glass Bulb

Upright

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

Finish	Temp	Part #	IPG	List Price
Standard Brass	155°F	09679AB	V159	\$63.51
Standard Brass	175°F	09679AD	V159	\$63.51
Standard Brass	200°F	09679AE	V159	\$63.51
Standard Brass	286°F	09679AG	V159	\$63.51
Chrome	155°F	09679FB	V159	\$79.48
Chrome	175°F	09679FD	V159	\$79.48
Chrome	200°F	09679FE	V159	\$79.48
Chrome	286°F	09679FG	V159	\$79.48
White-Polyester ¹	155°F	09679MB/W	V159	\$79.48
White-Polyester	175°F	09679MD/W	V159	\$79.48
White-Polyester	200°F	09679ME/W	V159	\$79.48
White-Polyester	286°F	09679MG/W	V159	\$79.48
Nickel PTFE (ENT) ²	155°F	09679JNB	V188.A	\$129.18
Nickel PTFE (ENT)	175°F	09679JND	V188.A	\$129.18
Nickel PTFE (ENT)	200°F	09679JNE	V188.A	\$129.18
Nickel PTFE (ENT)	286°F	09679JNG	V188.A	\$129.18
Nickel PTFE (ENT)	OPEN	09679JNZ	V188.A	\$129.18
Wax Coated ³	155°F	09679CB	V160	\$133.62
Wax Coated	175°F	09679CD	V160	\$133.62
Wax Coated	200°F	09679CE	V160	\$133.62
Wax Coated	286°F	09679CG	V160	\$133.62
Spk Wrench Upright ELO		05118CW/B	V207	\$149.61

Finish	Temp	Part #	IPG	List Price
Standard Brass	155°F	10633AB	V161	\$69.95
Standard Brass	175°F	10633AD	V161	\$69.95
Standard Brass	200°F	10633AE	V161	\$69.95
Standard Brass	286°F	10633AG	V161	\$69.95
Chrome	155°F	10633FB	V161	\$88.81
Chrome	175°F	10633FD	V161	\$88.81
Chrome	200°F	10633FE	V161	\$88.81
Chrome	286°F	10633FG	V161	\$88.81
White-Polyester ¹	155°F	10633MB/W	V161	\$88.81
White-Polyester	175°F	10633MD/W	V161	\$88.81
White-Polyester	200°F	10633ME/W	V161	\$88.81
White-Polyester	286°F	10633MG/W	V161	\$88.81
Nickel PTFE (ENT) ²	155°F	10633JNB	V188.A	\$136.36
Nickel PTFE (ENT)	175°F	10633JND	V188.A	\$136.36
Nickel PTFE (ENT)	200°F	10633JNE	V188.A	\$136.36
Nickel PTFE (ENT)	286°F	10633JNG	V188.A	\$136.36
Spk Wrench Upright ELO		05118CW/B	V207	\$149.61

(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



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	07961AB	V159	\$63.51
Standard Brass	175°F	07961AD	V159	\$63.51
Standard Brass	200°F	07961AE	V159	\$63.51
Standard Brass	286°F	07961AG	V159	\$63.51
Chrome	155°F	07961FB	V159	\$79.48
Chrome	175°F	07961FD	V159	\$79.48
Chrome	200°F	07961FE	V159	\$79.48
Chrome	286°F	07961FG	V159	\$79.48
White-Polyester ¹	155°F	07961MB/W	V159	\$79.48
White-Polyester	175°F	07961MD/W	V159	\$79.48
White-Polyester	200°F	07961ME/W	V159	\$79.48
White-Polyester	286°F	07961MG/W	V159	\$79.48
Nickel PTFE (ENT) ²	155°F	07961JNB	V188.A	\$129.18
Nickel PTFE (ENT)	175°F	07961JND	V188.A	\$129.18
Nickel PTFE (ENT)	200°F	07961JNE	V188.A	\$129.18
Nickel PTFE (ENT)	286°F	07961JNG	V188.A	\$129.18
Spk Wrench Pendent ELO	05118CW/B	V207		\$149.61

Finish	Temp	Part #	IPG	List Price
Standard Brass	155°F	08337AB	V161	\$69.95
Standard Brass	175°F	08337AD	V161	\$69.95
Standard Brass	200°F	08337AE	V161	\$69.95
Standard Brass	286°F	08337AG	V161	\$69.95
Chrome	155°F	08337FB	V161	\$88.81
Chrome	175°F	08337FD	V161	\$88.81
Chrome	200°F	08337FE	V161	\$88.81
Chrome	286°F	08337FG	V161	\$88.81
White-Polyester ¹	155°F	08337MB/W	V161	\$88.81
White-Polyester	175°F	08337MD/W	V161	\$88.81
White-Polyester	200°F	08337ME/W	V161	\$88.81
White-Polyester	286°F	08337MG/W	V161	\$88.81
Nickel PTFE (ENT) ²	155°F	08337JNB	V188.A	\$136.36
Nickel PTFE (ENT)	175°F	08337JND	V188.A	\$136.36
Nickel PTFE (ENT)	200°F	08337JNE	V188.A	\$136.36
Nickel PTFE (ENT)	286°F	08337JNG	V188.A	\$136.36
Spk Wrench Pendent ELO	05118CW/B	V207		\$149.61



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	\$93.57
Standard Brass	205°F	13978AE	V162	\$93.57
Standard Brass	280°F	13978AG	V162	\$93.57
Chrome	165°F	13978FC	V162	\$107.22
Chrome	205°F	13978FE	V162	\$107.22
Chrome	280°F	13978FG	V162	\$107.22
White-Polyester ¹	165°F	13978MC/W	V162	\$107.22
White-Polyester	205°F	13978ME/W	V162	\$107.22
White-Polyester	280°F	13978MG/W	V162	\$107.22
Spk Wrench Upright ELO	05118CW/B	V207		\$149.61



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	\$194.74
Standard Brass	212°F	16859AE	V158	\$194.74
Spk Wrench		16888M/B	V207	\$171.52

- (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	\$56.76
Standard Brass	175°F	12986ADU	V165	\$56.76
Standard Brass	200°F	12986AEU	V165	\$56.76
Standard Brass	286°F	12986AGU	V165	\$56.76
Standard Brass	360°F	12986AHU	V165	\$56.76
Std Sprinkler Wrench		21475M/B	V207	\$77.63

FUSIBLE LINK - VK552 - 5.6 (81) K Factor - SR Upright				
Standard Brass	165°F	12973ACU	V165	\$67.97
Standard Brass	220°F	12973AFU	V165	\$67.97
Standard Brass	286°F	12973AGU	V165	\$67.97
Std Sprinkler Wrench		21475M/B	V207	\$77.63

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	\$66.26
Standard Brass	175°F	12978ADU	V166	\$66.26
Standard Brass	200°F	12978AEU	V166	\$66.26
Standard Brass	286°F	12978AGU	V166	\$66.26
HIGH PRESSURE (VK558 - p/n 12281--U)				
Standard Brass	155°F	12281ABU	V165	\$78.29
Standard Brass	175°F	12281ADU	V165	\$78.29
Standard Brass	200°F	12281AEU	V165	\$78.29
Standard Brass	286°F	12281AGU	V165	\$78.29
FUSIBLE LINK - VK551 - 5.6 (81) K Factor - QR Upright				
Standard Brass	205°F	12279AEU	V167	\$80.97
Standard Brass	280°F	12279AGU	V167	\$80.97
Std Sprinkler Wrench		21475M/B	V207	\$77.63

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



Finish	Temp	Part #	IPG	List Price
Standard Brass	155°F	18263ABU	V165	\$55.42
Standard Brass	175°F	18263ADU	V165	\$55.42
Standard Brass	200°F	18263AEU	V165	\$55.42
Standard Brass	286°F	18263AGU	V165	\$55.42
Standard Brass	360°F	18263AHU	V165	\$55.42

1/2 inch NPT (10220) - REPLACEMENT ONLY

Standard Brass	155°F	18268ABU	V165	\$74.13
Standard Brass	175°F	18268ADU	V165	\$74.13
Standard Brass	200°F	18268AEU	V165	\$74.13
Standard Brass	286°F	18268AGU	V165	\$74.13
FUSIBLE LINK - VK562 - 8.0 (110) K Factor - SR Upright				
Standard Brass	165°F	18253ACU	V165	\$67.97
Standard Brass	220°F	18253AFU	V165	\$67.97
Standard Brass	286°F	18253AGU	V165	\$67.97
Std Sprinkler Wrench		21475M/B	V207	\$77.63

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



Finish	Temp	Part #	IPG	List Price
Standard Brass	155°F	18257ABU	V166	\$67.17
Standard Brass	175°F	18257ADU	V166	\$67.17
Standard Brass	200°F	18257AEU	V166	\$67.17
Standard Brass	286°F	18257AGU	V166	\$67.17

FUSIBLE LINK - VK567 - 8.0 (110) K Factor - QR Upright

Standard Brass	165°F	18275ACU	V167	\$88.02
Standard Brass	205°F	18275AEU	V167	\$88.02
Standard Brass	280°F	18275AGU	V167	\$88.02
Std Sprinkler Wrench		21475M/B	V207	\$77.63

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	\$59.44
Standard Brass	175°F	12986ADG	V168	\$59.44
Standard Brass	200°F	12986AEG	V168	\$59.44
Standard Brass	286°F	12986AGG	V168	\$59.44
FUSIBLE LINK - VK108 - 5.6 (81) K Factor - SR Upright				
Standard Brass	286°F	12973AGG	V165	\$107.73
Std Sprinkler Wrench		21475M/B	V207	\$77.63

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	\$59.44
Standard Brass	175°F	12987ADG	V168	\$59.44
Standard Brass	200°F	12987AEG	V168	\$59.44
Standard Brass	286°F	12987AGG	V168	\$59.44
Std Sprinkler Wrench		21475M/B	V207	\$77.63

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	\$61.22
Standard Brass	175°F	18263ADG	V165	\$55.42
Standard Brass	200°F	18263AEG	V168	\$61.22
Standard Brass	286°F	18263AGG	V165	\$55.42
FUSIBLE LINK - VK204 - 8.0 (115) K Factor - SR Upright				
Standard Brass	165°F	18253ACG	V169	\$77.50
Standard Brass	220°F	18253AFG	V169	\$77.50
Standard Brass	286°F	18253AGG	V169	\$77.50
Std Sprinkler Wrench		21475M/B	V207	\$77.63

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	\$67.07
Standard Brass	175°F	18264ADG	V168	\$67.07
Standard Brass	200°F	18264AEG	V168	\$67.07
Standard Brass	286°F	18264AGG	V168	\$67.07
FUSIBLE LINK - VK206 - 8.0 (115) K Factor - SR Pendent				
Standard Brass	165°F	18254ACG	V169	\$77.50
Standard Brass	220°F	18254AFG	V169	\$77.50
Standard Brass	286°F	18254AGG	V169	\$77.50
Std Sprinkler Wrench		21475M/B	V207	\$77.63

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 Water Shield

Model E-1 (upright)

upright

pendent

Model F-1 (pendent)



Size | Part # | IPG | List Price

1/2 "	10326	V206	\$4.99
3/4"	10326	V206	\$4.99

Model F-1 PENDENT Water Shield

Size	Part #	IPG	List Price
1/2 "	10323	V206	\$4.99
3/4"	10324	V206	\$4.99

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



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	12978ABG	V170	\$71.34
Standard Brass	175°F	12978ADG	V170	\$71.34
Standard Brass	200°F	12978AEG	V170	\$71.34
Standard Brass	286°F	12978AGG	V170	\$71.34
HIGH PRESSURE (VK315 - p/n 12281--G)				
Standard Brass	155°F	12281ABG	V165	\$83.65
Standard Brass	175°F	12281ADG	V165	\$83.65
Standard Brass	200°F	12281AEG	V165	\$83.65
Standard Brass	286°F	12281AGG	V165	\$83.65
Std Sprinkler Wrench		21475M/B	V207	\$77.63

Finish	Temp	Part #	IPG	List Price
Standard Brass	155°F	12979ABG	V170	\$69.55
Standard Brass	175°F	12979ADG	V170	\$69.56
Standard Brass	200°F	12979AEG	V170	\$69.56
Standard Brass	286°F	12979AGG	V170	\$69.56
HIGH PRESSURE (VK317 - p/n 12282)				
Standard Brass	155°F	12282ABG	V170	\$83.65
Standard Brass	175°F	12282ADG	V170	\$83.65
Standard Brass	200°F	12282AEG	V170	\$83.65
Standard Brass	286°F	12282AGG	V170	\$83.65
FUSIBLE LINK - VK303 - 5.6 (81) K Factor - QR Pendent				
Standard Brass	165°F	17536ACG	V171	\$86.53
Std Sprinkler Wrench		21475M/B	V207	\$77.63



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



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	18257ABG	V170	\$44.15
Standard Brass	175°F	18257ADG	V170	\$68.72
Standard Brass	200°F	18257AEG	V170	\$68.72
Standard Brass	286°F	18257AGG	V170	\$68.72
Std Sprinkler Wrench		21475M/B	V207	\$77.63

Finish	Temp	Part #	IPG	List Price
Standard Brass	155°F	18258ABG	V170	\$80.18
Standard Brass	175°F	18258ADG	V170	\$80.18
Standard Brass	200°F	18258AEG	V170	\$80.18
Standard Brass	286°F	18258AGG	V170	\$80.18
Std Sprinkler Wrench		21475M/B	V207	\$77.63

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 Water Shield
Model E-1 (upright)	upright	pendent	
Model F-1 (pendent)			
Size	Part #	IPG	List Price
1/2 "	10326	V206	\$4.99
3/4"	10326	V206	\$4.99
Model F-1 PENDENT Water Shield			
Size	Part #	IPG	List Price
1/2 "	10323	V206	\$4.99
3/4"	10324	V206	\$4.99

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 20, 2020. Supersedes January 2019 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 Pendant



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

Institutional

Quick Response

Standard Coverage

Fusible Link



Flush Horizontal Sidewall

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

Finish	Temp	Part #	IPG	List Price
Polished Chrome	165°F	19663FC	V173	\$98.93
Polished Chrome	205°F	19663FE	V173	\$98.93
Painted White	165°F	19663MC/W	V173	\$98.93
Painted White	205°F	19663ME/W	V173	\$98.93
Painted Gray	165°F	19663MC/RAL9006	V173	\$98.93
Painted Gray	205°F	19663ME/RAL9006	V173	\$98.93
Socket Wrench		22847MB	V207	\$250.27

Finish	Temp	Part #	IPG	List Price
Polished Chrome	165°F	22885FC	V173	\$114.15
Polished Chrome	205°F	22885FE	V173	\$114.15
Painted White	165°F	22885MC/W	V173	\$114.15
Painted White	205°F	22885ME/W	V173	\$114.15
Painted Gray	165°F	22885MC/RAL9006	V173	\$114.15
Painted Gray	205°F	22885ME/RAL9006	V173	\$114.15
Socket Wrench		22847MB	V207	\$250.27

Institutional

Quick Response

Extended Coverage

Fusible Link



Flush Pendant

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

Institutional

Quick Response



Extended Coverage

Fusible Link

Flush Horizontal Sidewall

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

Finish	Temp	Part #	IPG	List Price
Polished Chrome	165°F	19876FC	V173	\$106.54
Polished Chrome	205°F	19876FE	V173	\$106.54
Painted White	165°F	19876MC/W	V173	\$106.54
Painted White	205°F	19876ME/W	V173	\$106.54
Painted Gray	165°F	19876MC/RAL9006	V173	\$106.54
Painted Gray	205°F	19876ME/RAL9006	V173	\$106.54
Socket Wrench		22847MB	V207	\$250.27

Finish	Temp	Part #	IPG	List Price
Polished Chrome	165°F	22884FC	V173	\$121.76
Polished Chrome	205°F	22884FE	V173	\$121.76
Painted White	165°F	22884MC/W	V173	\$121.76
Painted White	205°F	22884ME/W	V173	\$121.76
Painted Gray	165°F	22884MC/RAL9006	V173	\$121.76
Painted Gray	205°F	22884ME/RAL9006	V173	\$121.76
Socket Wrench		22847MB	V207	\$250.27

Institutional
Escutcheon



Finish	Part #	IPG	List Price
Polished Chrome	3"	23196F	V173 \$11.42
Painted White	3"	23196M/W	V173 \$11.42
Painted Gray	3"	23196M/RAL9006	V173 \$21.56
Polished Chrome	4"	23197F	V173 \$15.22
Painted White	4"	23197M/W	V173 \$15.22
Painted Gray	4"	23197M/RAL9006	V173 \$24.10

Finish	Part #	IPG	List Price
Polished Chrome	10599	V173	\$45.65

(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, $\frac{1}{2}$ and $\frac{3}{4}$ 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	\$ 392.96
5.6 (81)	7:12 < 10:12	VK685	19801AE	200°F	Standard Brass	V174	\$ 392.96
5.6 (81)	10:12 ≤ 12:12	VK686	19754AE	200°F	Standard Brass	V174	\$ 392.96
8.0 (115)	4:12 < 7:12	VK681	19626AE	200°F	Standard Brass	V174	\$ 458.68
8.0 (115)	7:12 < 10:12	VK682	19798AE	200°F	Standard Brass	V174	\$ 458.68
8.0 (115)	10:12 ≤ 12:12	VK683	19751AE	200°F	Standard Brass	V174	\$ 458.68



Single Directional (Model V-SD) Attic Sprinkler, Specific Application, Glass Bulb, $\frac{1}{2}$ 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	\$ 392.96
5.6 (81)	7:12 < 10:12	VK694	19799AE	200°F	Standard Brass	V174	\$ 392.96
5.6 (81)	10:12 ≤ 12:12	VK695	19759AE	200°F	Standard Brass	V174	\$ 392.96



Attic Upright Sprinkler, Specific Application, Glass Bulb, $\frac{1}{2}$ 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	\$ 57.49
5.6 (81)	4:12 to 12:12	VK697	21716AE	200°F	Standard Brass	V175	\$ 65.67



Attic HIP (Model V-HIP), Specific Application, Glass Bulb, $\frac{1}{2}$ 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	\$ 392.96

Installation Wrench	Part #	IPG	List Price
Standard Wrench	21475M/B	V207	\$ 77.63

(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



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	175°F	12493AD	V172	\$72.09
FUSIBLE LINK - VK901 (4.2 (60) K Factor)				
Standard Brass	205°F	12676AE	V172	\$80.09
Std Sprinkler Wrench		21475M/B	V207	\$77.63

Finish	Temp	Part #	IPG	List Price
Standard Brass	200°F	20757AE	V172	\$88.30
Std Sprinkler Wrench		21475M/B	V207	\$77.63



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



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	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	\$77.63

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	\$77.63



Section F **Freedom® Residential Sprinklers**

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	Custom Finish Ordering Information (cover plates and frame-style sprinklers)

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 20, 2020. Supersedes January 2019 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



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	17147AB	V176	\$54.30
Standard Brass	175°F	17147AD	V176	\$54.30
Chrome	155°F	17147FB	V176	\$58.78
Chrome	175°F	17147FD	V176	\$58.78
White-Polyester	155°F	17147MB/W	V176	\$58.78
White-Polyester	175°F	17147MD/W	V176	\$58.78
Nickel PTFE (ENT) ¹	155°F	17147JNB	V188.A	\$76.08
Nickel PTFE (ENT)	175°F	17147JND	V188.A	\$76.08
Std Sprinkler Wrench		21475M/B	V207	\$77.63
Wrench for Recessed		13655W/B	V207	\$149.61



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	\$54.30
Standard Brass	175°F	13637AD	V177	\$54.30
Chrome	155°F	13637FB	V177	\$58.78
Chrome	175°F	13637FD	V177	\$58.78
White-Polyester	155°F	13637MB/W	V177	\$58.78
White-Polyester	175°F	13637MD/W	V177	\$58.78
Nickel PTFE (ENT) ¹	155°F	13637JNB	V188.A	\$76.08
Nickel PTFE (ENT)	175°F	13637JND	V188.A	\$76.08
Std Sprinkler Wrench		21475M/B	V207	\$77.63
Wrench for Recessed		13577W/B	V207	\$149.61

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	\$8.28
White	1/2"	06419AM/W	V200	\$8.28

*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: 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	\$54.30
Standard Brass	175°F	09530AD	V176	\$54.30
Chrome	155°F	09530FB	V176	\$58.78
Chrome	175°F	09530FD	V176	\$58.78
White-Polyester	155°F	09530MB/W	V176	\$58.78
White-Polyester	175°F	09530MD/W	V176	\$58.78
Nickel PTFE (ENT) ¹	155°F	09530JNB	V188.A	\$76.08
Nickel PTFE (ENT)	175°F	09530JND	V188.A	\$76.08
Std Sprinkler Wrench		21475M/B	V207	\$77.63
Wrench for Recessed		13655W/B	V207	\$149.61



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	\$55.05
Standard Brass	175°F	13781AD	V176	\$55.05
Chrome	155°F	13781FB	V176	\$58.78
Chrome	175°F	13781FD	V176	\$58.78
White-Polyester	155°F	13781MB/W	V176	\$58.78
White-Polyester	175°F	13781MD/W	V176	\$58.78
Nickel PTFE (ENT) ¹	155°F	13781JNB	V188.A	\$76.08
Nickel PTFE (ENT)	175°F	13781JND	V188.A	\$76.08
Std Sprinkler Wrench		21475M/B	V207	\$77.63
Wrench for Recessed w/Caps		13655W/B	V207	\$149.61

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	\$8.31
White	1/2"	11038M/W	V200	\$8.31

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



Freedom®
Residential
Glass Bulb
Pendent

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



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	16130AB	V178	\$60.27
Standard Brass	175°F	16130AD	V178	\$60.27
Chrome	155°F	16130FB	V178	\$63.35
Chrome	175°F	16130FD	V178	\$63.35
White-Polyester	155°F	16130MB/W	V178	\$63.35
White-Polyester	175°F	16130MD/W	V178	\$63.35
Nickel PTFE (ENT) ¹	155°F	16130JNB	V188.A	\$83.24
Nickel PTFE (ENT)	175°F	16130JND	V188.A	\$83.24
Std Sprinkler Wrench		21475M/B	V207	\$77.63
Wrench for Rcsd w/Caps		13655W/B	V207	\$149.61

Finish	Temp	Part #	IPG	List Price
Standard Brass	155°F	13230AB	V178	\$72.11
Standard Brass	175°F	13230AD	V178	\$72.11
Chrome	155°F	13230FB	V178	\$76.01
Chrome	175°F	13230FD	V178	\$76.01
White-Polyester	155°F	13230MB/W	V178	\$76.01
White-Polyester	175°F	13230MD/W	V178	\$76.01
Nickel PTFE (ENT) ¹	155°F	13230JNB	V188.A	\$90.43
Nickel PTFE (ENT)	175°F	13230JND	V188.A	\$90.43
Std Sprinkler Wrench		21475M/B	V207	\$77.63
Wrench for Rcsd w/Caps		13577W/B	V207	\$149.61

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	\$8.28
White	1/2"	06419AM/W	V200	\$8.28



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	\$8.31
White	1/2"	11038M/W	V200	\$8.31

*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
Polished Chrome	3/4"	20369F	V200	\$8.31
White	3/4"	20369M/W	V200	\$8.31



Threaded Escutcheon

Model E-2 (thread-on)

(includes cup & adapter)
(OD = 3-1/8" / 80 mm)

Finish	Size	Part #	IPG	List Price
Polished Chrome	3/4"	20130F	V200	\$8.31
White	3/4"	20130M/W	V200	\$8.31

*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 Pendant

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	\$54.30
Standard Brass	175°F	13637ADX	V177	\$54.30
Nickel PTFE (ENT) ²	155°F	13637JNBX	V188.A	\$97.61
Nickel PTFE (ENT)	175°F	13637JNDX	V188.A	\$97.61
Spk Wrench Domed Cncl		13577W/B	V207	\$149.61

Residential Domed Cover¹
Freedom® Residential Domed
Concealed Pendant Sprinklers



Finish	Temp	Part #	IPG	List Price
Polished Chrome	135°F	12207FA	V214	\$81.37
White	135°F	12207MA/W	V214	\$44.03
Ivory	135°F	12207MA/I	V214	\$55.94
Black	135°F	12207MA/B	V214	\$55.94
Bright Brass	135°F	12207BA	V214	\$55.94
Brushed Brass	135°F	12207BA/B	V214	\$55.94
Antique Brass	135°F	12207BA/A	V214	\$55.94
Antique Copper	135°F	12207EA/B	V214	\$55.94

(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	\$69.77
Chrome	155°F	19707FB	V179	\$72.05
White-Polyester	155°F	19707MB/W	V179	\$72.05
Nickel PTFE (ENT) ¹	155°F	19707JNB	V188.A	\$93.31
Std Sprinkler Wrench		21475M/B	V207	\$77.63
Wrench Rcsd HSW		13655W/B	V207	\$149.61

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	\$69.32
Standard Brass	175°F	17315AD	V179	\$69.32
Chrome	155°F	17315FB	V179	\$72.05
Chrome	175°F	17315FD	V179	\$72.05
White-Polyester	155°F	17315MB/W	V179	\$72.05
White-Polyester	175°F	17315MD/W	V179	\$72.05
Nickel PTFE (ENT) ¹	155°F	17315JNB	V188.A	\$93.31
Nickel PTFE (ENT)	175°F	17315JND	V188.A	\$93.31
Std Sprinkler Wrench		21475M/B	V207	\$77.63
Wrench Rcsd HSW		13655W/B	V207	\$149.61

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	\$76.07
Standard Brass	175°F	13933AD	V179	\$76.07
Chrome	155°F	13933FB	V179	\$77.15
Chrome	175°F	13933FD	V179	\$77.15
White-Polyester	155°F	13933MB/W	V179	\$77.15
White-Polyester	175°F	13933MD/W	V179	\$77.15
Nickel PTFE (ENT) ¹	155°F	13933JNB	V188.A	\$100.48
Nickel PTFE (ENT)	175°F	13933JND	V188.A	\$100.48
Std Sprinkler Wrench		21475M/B	V207	\$77.63
Wrench Rcsd HSW		13655W/B	V207	\$149.61

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	\$54.29
Standard Brass	175°F	16240AD	V180	\$54.29
Chrome	155°F	16240FB	V180	\$58.94
Chrome	175°F	16240FD	V180	\$58.94
White-Polyester	155°F	16240MB/W	V180	\$58.94
White-Polyester	175°F	16240MD/W	V180	\$58.94
Nickel PTFE (ENT) ¹	155°F	16240JNB	V188.A	\$86.13
Nickel PTFE (ENT)	175°F	16240JND	V188.A	\$86.13
Std Sprinkler Wrench		21475M/B	V207	\$77.63
Wrench Rcsd HSW		13655W/B	V207	\$149.61

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	\$8.28
White	1/2"	06419AM/W	V200	\$8.28

*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	\$8.31
White	1/2"	11038M/W	V200	\$8.31

*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: VK480¹
K Factor: 4.0 (58)
Thread Size: 1/2 inch NPT
Base Part #: 16116_



Freedom®

Residential

**Fusible Link Flat Concealed
Horizontal Sidewall**

SIN: VK490¹
K Factor: 5.8 (84)
Thread Size: 1/2 inch NPT
Base Part #: 20409A_

Finish	Temp	Part #	IPG	List Price
Standard Brass	165°F	16116AC	V181	\$99.70
Nickel PTFE (ENT) ³	165°F	16116JNC	V188.A	\$165.06
Standard Brass	205°F	16116AE	V181	\$99.70
Nickel PTFE (ENT) ³	205°F	16116JNE	V188.A	\$165.06
Heavy Duty Wrench RED		16208W/R	V207	\$149.61
Limited Use Wrench* RED		16267	V207	\$30.67

Finish	Temp	Part #	IPG	List Price
Standard Brass	165°F	20409AC	V181	\$99.70
Standard Brass	205°F	20409AE	V181	\$99.70
Heavy Duty Wrench RED		16208W/R	V207	\$149.61
Limited Use Wrench* RED		16267	V207	\$30.67

Model VK480 and VK490

Flat Cover Plate²

Diameter = 3-5/16 inches



Finish	Temp	Part #	IPG	List Price
Chrome	135°F	16207FA	V213	\$72.34
White	135°F	16207MA/W	V213	\$41.83
Ivory	135°F	16207MA/I	V213	\$50.28
Black	135°F	16207MA/B	V213	\$50.28
Cover Installation Tool		14867	V205	\$13.50

- (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 Pendant

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



Freedom®
Residential
Glass Bulb
Flat Concealed Pendant

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	20759AB	V182	\$60.88
Standard Brass	200°F	20759AE	V182	\$60.88
Nickel PTFE (ENT) ²	155°F	20759JNB	V188.A	\$97.61
Nickel PTFE (ENT)	200°F	20759JNE	V188.A	\$97.61
Heavy Duty Wrench		14047W/B	V207	\$149.61
Limited Use Wrench		14031	V205	\$30.63

Finish	Temp	Part #	IPG	List Price
Standard Brass	155°F	22037AB	V183	\$61.44
Standard Brass	200°F	22037AE	V183	\$61.44
Nickel PTFE (ENT) ²	155°F	22037JNB	V188.A	\$81.82
Nickel PTFE (ENT)	200°F	22037JNE	V188.A	\$81.82
Heavy Duty Wrench		14047W/B	V207	\$149.61
Limited Use Wrench		14031	V205	\$30.63



Freedom®
Residential
Glass Bulb
Concealed Pendant

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	\$64.09
Standard Brass	200°F	22773AE	V183	\$64.09
Nickel PTFE (ENT) ²	155°F	22773JNB	V188.A	\$153.38
Nickel PTFE (ENT)	200°F	22773JNE	V188.A	\$153.38
Heavy Duty Wrench		14047W/B	V207	\$149.61
Limited Use Wrench		14031	V205	\$30.63

Large Cover Plate¹

Diameter = 3-5/16 inches



Finish	Temp	Part #	IPG	List Price
Polished Chrome	135°F	13642FA	V208	\$94.24
White	135°F	13642MA/W	V208	\$35.95
Ivory	135°F	13642MA/I	V209	\$44.98
Black	135°F	13642MA/B	V209	\$44.98
Bright Brass	135°F	13642BA	V209	\$44.98
Brushed Brass	135°F	13642BA/B	V209	\$44.98
Antique Brass	135°F	13642BA/A	V209	\$44.98
Brushed Copper	135°F	13642EA/B	V209	\$44.98
Brushed Chrome	135°F	13642FA/B	V209	\$44.98

Standard Cover Plate¹

Diameter = 2-3/4 inches



Finish	Temp	Part #	IPG	List Price
Polished Chrome	135°F	13504FA	V208	\$94.24
White	135°F	13504MA/W	V208	\$35.95
Ivory	135°F	13504MA/I	V209	\$44.98
Black	135°F	13504MA/B	V209	\$44.98
Bright Brass	135°F	13504BA	V209	\$44.98
Brushed Brass	135°F	13504BA/B	V209	\$44.98
Antique Brass	135°F	13504BA/A	V209	\$44.98
Brushed Copper	135°F	13504EA/B	V209	\$44.98
Brushed Chrome	135°F	13504FA/B	V209	\$44.98

* 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	\$76.70
Standard Brass	175°F	19154AD	V184	\$76.70
Chrome	155°F	19154FB	V184	\$79.06
Chrome	175°F	19154FD	V184	\$79.06
White - Polyester	155°F	19154MB/W	V184	\$79.06
White - Polyester	175°F	19154MD/W	V184	\$79.06
Black - Polyester	155°F	19154MB/B	V184	\$79.06
Black - Polyester	175°F	19154MD/B	V184	\$79.06
Nickel PTFE (ENT) ¹	155°F	19154JNB	V188.A	\$82.39
Nickel PTFE (ENT)	175°F	19154JND	V188.A	\$82.39
Std Sprinkler Wrench		21475M/B	V207	\$77.63

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

Freedom®

Residential Fusible Link Flush Pendant²



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	\$84.83
Painted Black	165°F	15630MC/B	V185	\$84.83
Wood Beam	165°F	15630MC/G	V185	\$84.83
Heavy Duty Wrench		15209W/R	V207	\$149.61

(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	\$15.49
Painted Black	16580M/B	V185	\$15.49
Wood Beam	16580M/G	V185	\$15.49



REPLACEMENT ONLY

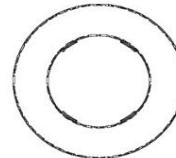
Residential Fusible Link Flush Pendant

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	\$83.33
Painted White	165°F	09458MC/W	V185	\$88.35
Heavy Duty Wrench		08336W/B	V207	\$149.61
Light Duty Wrench		10366W/B	V207	\$35.38

Ceiling Ring

Item Price Group = V17



Finish	Part #	IPG	List Price
Polished Chrome	09390F	V185	\$8.75
Painted White	09390M/W	V185	\$9.20

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	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 25%;">Part Number</th> <th style="text-align: left;">Description</th> <th style="text-align: left;">IPG</th> <th style="text-align: left;">List Price</th> </tr> </thead> <tbody> <tr> <td>13504SP-</td> <td>Standard Flat Cover Plate</td> <td>V215</td> <td>\$47.47</td> </tr> <tr> <td>13642SP-</td> <td>Large Flat Cover Plate</td> <td>V215</td> <td>\$47.47</td> </tr> <tr> <td>15394SP-</td> <td>Square Flat Cover Plate</td> <td>V215</td> <td>\$59.00</td> </tr> <tr> <td>15765SP-</td> <td>ELO Flat Cover Plate</td> <td>V215</td> <td>\$47.47</td> </tr> <tr> <td>12381SP-</td> <td>Domed Cover Plate-Pendent</td> <td>V215</td> <td>\$47.47</td> </tr> <tr> <td>13501SP-</td> <td>Sidewall Domed Cover Plate</td> <td>V215</td> <td>\$47.47</td> </tr> <tr> <td>09804SP-</td> <td>Model B Standard Cover (old)</td> <td>V215</td> <td>\$47.47</td> </tr> <tr> <td>11697SP-</td> <td>Model B Large Cover (old)</td> <td>V215</td> <td>\$47.47</td> </tr> <tr> <td>12207SP-</td> <td>Domed Cover-Residential</td> <td>V215</td> <td>\$47.47</td> </tr> <tr> <td>16207SP-</td> <td>Sidewall Flat Cover Plate</td> <td>V215</td> <td>\$67.25</td> </tr> <tr> <td>10786SP-</td> <td>Model B Res Cover Plate (old)</td> <td>V215</td> <td>\$47.47</td> </tr> </tbody> </table>	Part Number	Description	IPG	List Price	13504SP-	Standard Flat Cover Plate	V215	\$47.47	13642SP-	Large Flat Cover Plate	V215	\$47.47	15394SP-	Square Flat Cover Plate	V215	\$59.00	15765SP-	ELO Flat Cover Plate	V215	\$47.47	12381SP-	Domed Cover Plate-Pendent	V215	\$47.47	13501SP-	Sidewall Domed Cover Plate	V215	\$47.47	09804SP-	Model B Standard Cover (old)	V215	\$47.47	11697SP-	Model B Large Cover (old)	V215	\$47.47	12207SP-	Domed Cover-Residential	V215	\$47.47	16207SP-	Sidewall Flat Cover Plate	V215	\$67.25	10786SP-	Model B Res Cover Plate (old)	V215	\$47.47
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10786SP-	Model B Res Cover Plate (old)	V215	\$47.47																																															
Processing time	Cover Plates	<p>Sherwin-Williams Part Number or Color Match - 10 working days from customer order</p> <p>Commercial paint number other than Sherwin-Williams - 15 working days from customer order</p> <p>Customer provided paint - 20 days from receipt of paint</p>																																																
Number of Covers	Per Set-up Cost	<p>Sherwin-Williams paint number or color match - (800) cover plates</p> <p>Commercial paint number other than Sherwin-Williams - (750) cover plates</p> <p>Customer provided paint - 1 gallon container = 500 covers, 1 quart container = 125 covers.</p>																																																

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



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 G Dry Sprinklers

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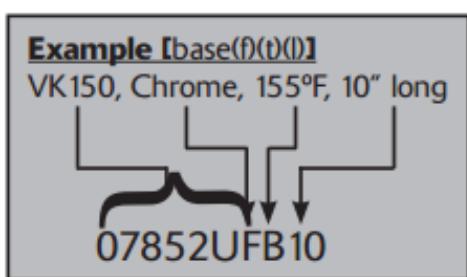
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Dry Sprinkler Order Form	G-20-21

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 20, 2020. Supersedes January 2019 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 1/2" long

Part Number: 08417UAB145

VK160 (Std Response)

Plain Barrel

Base P/N: 08050



order in 1/2" increments

VK184 (Quick Response)

Plain Barrel

Base P/N: 08417U

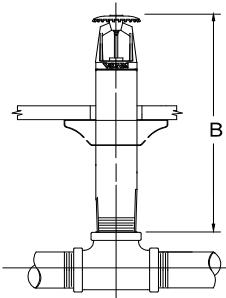


order in 1/2" increments

Item Price Group: V187

VK160 - SR Upright

base p/n - 08050(f)(t)(l)



Length (L) - B Dimension

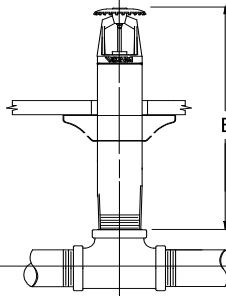
Length (L) - B Dimension	Standard Brass (A_)	White (M_W)
4 1/2 - 7 1/2" (114 - 191mm)	\$241.96	\$248.07
8 - 10 1/2" (203 - 267mm)	\$255.42	P.O.A
11 - 13 1/2" (279 - 343mm)	\$262.14	\$267.97
14 - 16 1/2" (356 - 419mm)	\$289.02	P.O.A
17 - 19 1/2" (432 - 495mm)	\$309.22	\$315.36
20 - 22 1/2" (508 - 572mm)	\$322.64	P.O.A
23 - 25 1/2" (584 - 648mm)	\$356.26	P.O.A
26 - 28 1/2" (660 - 724mm)	\$376.42	P.O.A
29 - 31 1/2" (737 - 800mm)	\$393.25	\$399.39
32 - 34 1/2" (813 - 876mm)	\$406.63	P.O.A
35 - 37 1/2" (889 - 953mm)	\$426.78	P.O.A

*contact customer service for lengths over standard

Item Price Group: V187

VK184 - QR Upright

base p/n - 08417U(f)(t)(l)



Length (L) - B Dimension

Length (L) - B Dimension	Standard Brass (A_)	White (M_W)
4 1/2 - 7 1/2" (114 - 191mm)	\$272.21	\$262.84
8 - 10 1/2" (203 - 267mm)	\$278.92	\$285.07
11 - 13 1/2" (279 - 343mm)	\$289.02	\$295.17
14 - 16 1/2" (356 - 419mm)	\$315.96	\$322.01
17 - 19 1/2" (432 - 495mm)	\$332.71	\$338.86
20 - 22 1/2" (508 - 572mm)	\$352.85	\$358.89
23 - 25 1/2" (584 - 648mm)	\$383.17	\$389.20
26 - 28 1/2" (660 - 724mm)	\$399.97	P.O.A
29 - 31 1/2" (737 - 800mm)	\$420.14	P.O.A
32 - 34 1/2" (813 - 876mm)	\$436.91	\$442.94
35 - 37 1/2" (889 - 953mm)	\$453.74	\$459.77

*contact customer service for lengths over standard

LIST PRICES and Available Finishes

Standard Brass (A_)	White (M_W)
---------------------	-------------

4 1/2 - 7 1/2" (114 - 191mm)	\$241.96
8 - 10 1/2" (203 - 267mm)	\$255.42
11 - 13 1/2" (279 - 343mm)	\$262.14
14 - 16 1/2" (356 - 419mm)	\$289.02
17 - 19 1/2" (432 - 495mm)	\$309.22
20 - 22 1/2" (508 - 572mm)	\$322.64
23 - 25 1/2" (584 - 648mm)	\$356.26
26 - 28 1/2" (660 - 724mm)	\$376.42
29 - 31 1/2" (737 - 800mm)	\$393.25
32 - 34 1/2" (813 - 876mm)	\$406.63
35 - 37 1/2" (889 - 953mm)	\$426.78

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 \$116.56

Sprinkler Guard for upright/pendent

08954 \$31.78

Dry Sprinkler Boot

22087M/W \$48.77

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 1/2" length

Part Number: 07740UMD/W095

VK150

Plain Barrel

Base P/N: 07852U



VK154

Standard Adjustable

Base P/N: 07740U



VK158

Recessed Adjustable

Base P/N: 06530U



order in 1/2" increments

order in 1/2" increments

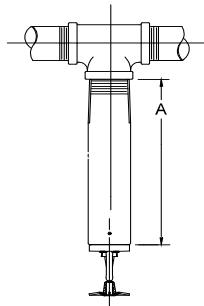
order in 1/4" increments

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

VK150 - Plain Barrel

Length (L) - A Dimension

base p/n - 07852U(f)(t)(l)



3 - 6" (76 - 152mm)

6 1/2 - 9" (165 - 229mm)

9 1/2 - 12" (241 - 305mm)

12 1/2 - 15" (318 - 381mm)

15 1/2 - 18" (394 - 457mm)

18 1/2 - 21" (470 - 533mm)

21 1/2 - 24" (546 - 610mm)

24 1/2 - 27" (622 - 686mm)

27 1/2 - 30" (699 - 762mm)

30 1/2 - 33" (775 - 838mm)

33 1/2 - 36" (851 - 914mm)

LIST PRICES and Available Finishes

Standard Brass (A_)

Polished Chrome (F_)

ENT (JN)

IPG V188

\$221.86

\$225.14

\$312.22

P.O.A.

\$228.52

\$231.90

\$329.05

P.O.A.

\$238.61

\$241.96

\$366.02

P.O.A.

\$258.82

\$262.13

\$409.72

P.O.A.

\$275.61

\$278.92

\$366.02

P.O.A.

\$295.76

\$299.14

P.O.A.

\$319.30

\$322.64

\$409.72

P.O.A.

\$342.81

\$346.15

P.O.A.

\$356.26

\$359.59

P.O.A.

\$376.42

\$379.81

P.O.A.

\$393.25

\$396.59

P.O.A.

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 \$116.56

Recessed wrench for VK158 model

07565W/B \$149.61

Sprinkler Guard for upright/pendent

08954 \$31.78

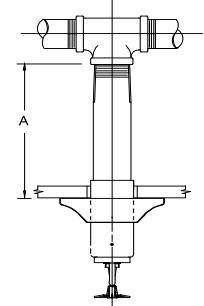
*contact customer service for lengths over standard

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

VK154 - Standard Adj.

Length (L) - A Dimension

base p/n - 07740U(f)(t)(l)



LIST PRICES and Available Finishes

Polished Chrome (F_)

White (M_W)

ENT (JN)

IPG V188

\$238.61

\$238.61

\$325.69

\$245.39

\$245.39

\$332.48

\$258.82

\$258.82

\$345.90

\$278.92

\$278.92

\$366.02

\$289.02

\$289.02

\$376.11

\$315.96

\$315.96

\$403.02

\$332.71

\$332.71

\$419.79

\$356.26

\$356.26

\$443.35

\$376.42

\$376.42

\$507.22

\$389.86

\$389.86

\$476.94

\$406.63

\$406.63

\$493.73

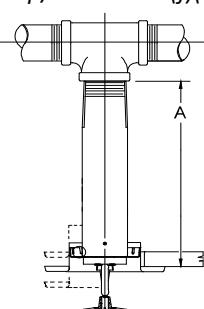
*contact customer service for lengths over standard

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

VK158 - Recessed Adj.

Length (L) - A Dimension

base p/n - 06530U(f)(t)(l)



LIST PRICES and Available Finishes

Polished Chrome (F_)

White (M_W)

ENT (JN)

IPG V188

\$238.61

\$245.39

\$332.48

\$248.75

\$255.42

\$342.48

\$262.13

\$268.89

\$355.97

\$282.36

\$289.02

\$376.11

\$299.14

\$305.84

\$392.91

\$315.96

\$322.64

\$409.72

\$342.81

\$349.54

\$436.62

\$249.59

\$366.36

\$453.45

\$383.17

\$389.86

\$476.93

\$393.25

\$399.97

\$487.05

\$420.14

\$426.78

\$513.87

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 1/2" length

Part Number: 07857UMD/W095

VK152

Plain Barrel

Base P/N: 07858U



VK156

Standard Adjustable

Base P/N: 07857U



VK162

Recessed Adjustable

Base P/N: 07856U



order in 1/2" increments

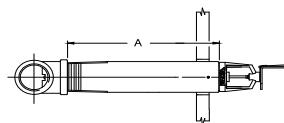
order in 1/2" increments

order in 1/4" increments

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

VK152 - Plain Barrel

base p/n - 07858U(f)(t)(l)



Length (L) - A Dimension

LIST PRICES and Available Finishes

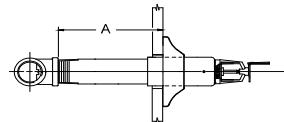
Standard Brass (A_)	Polished Chrome (F_)	ENT (JN)	IPG V188
3 - 6" (76 - 152mm)	\$238.61	\$241.96	P.O.A
6 1/2 - 9" (165 - 229mm)	\$241.96	\$245.39	\$332.47
9 1/2 - 12" (241 - 305mm)	\$255.42	\$258.82	\$345.90
12 1/2 - 15" (318 - 381mm)	\$278.92	\$282.36	\$369.45
15 1/2 - 18" (394 - 457mm)	\$295.76	\$299.14	P.O.A
18 1/2 - 21" (470 - 533mm)	\$312.59	\$315.96	P.O.A
21 1/2 - 24" (546 - 610mm)	\$349.54	\$352.85	P.O.A
24 1/2 - 27" (622 - 686mm)	\$366.36	\$369.71	P.O.A
27 1/2 - 30" (699 - 762mm)	\$386.48	\$389.86	P.O.A
30 1/2 - 33" (775 - 838mm)	\$393.25	\$396.59	P.O.A
33 1/2 - 36" (851 - 914mm)	\$406.63	\$410.02	P.O.A

*contact customer service for lengths over standard

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

VK156 - Standard Adj.

base p/n - 07857U(f)(t)(l)



Length (L) - A Dimension

LIST PRICES and Available Finishes

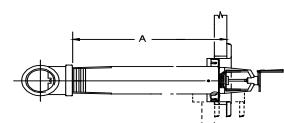
Polished Chrome (F_)	White (M_W)	ENT (JN)	IPG V188
1 1/2 - 6" (38 - 152mm)	\$245.39	\$245.39	\$332.48
6 1/2 - 9" (165 - 229mm)	\$258.82	\$258.82	\$345.90
9 1/2 - 12" (241 - 305mm)	\$268.89	\$268.89	\$355.97
12 1/2 - 15" (318 - 381mm)	\$299.14	\$299.14	\$386.22
15 1/2 - 18" (394 - 457mm)	\$312.59	\$312.59	\$399.67
18 1/2 - 21" (470 - 533mm)	\$329.38	\$329.38	\$416.47
21 1/2 - 24" (546 - 610mm)	\$366.36	\$366.36	\$453.45
24 1/2 - 27" (622 - 686mm)	\$383.17	\$383.18	\$470.25
27 1/2 - 30" (699 - 762mm)	\$399.97	\$399.97	P.O.A
30 1/2 - 33" (775 - 838mm)	\$406.63	\$406.64	P.O.A
33 1/2 - 36" (851 - 914mm)	\$426.78	\$426.78	P.O.A

*contact customer service for lengths over standard

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

VK162 - Recessed Adj.

base p/n - 07856U(f)(t)(l)



Length (L) - A Dimension

LIST PRICES and Available Finishes

Polished Chrome (F_)	White (M_W)	ENT (JN)	IPG V188
3 1/4 - 6" (83 - 152mm)	\$255.42	\$262.13	\$349.20
6 1/4 - 9" (159 - 229mm)	\$265.51	\$272.21	\$359.30
9 1/4 - 12" (235 - 305mm)	\$272.21	\$278.92	\$366.03
12 1/4 - 15" (311 - 381mm)	\$302.49	\$309.22	\$396.31
15 1/4 - 18" (387 - 457mm)	\$315.96	\$322.64	\$409.73
18 1/4 - 21" (464 - 533mm)	\$336.09	\$342.81	P.O.A
21 1/4 - 24" (540 - 610mm)	\$373.03	\$379.81	P.O.A
24 1/4 - 27" (616 - 686mm)	\$389.86	\$396.59	P.O.A
27 1/4 - 30" (692 - 762mm)	\$403.28	\$410.02	P.O.A
30 1/4 - 33" (768 - 838mm)	\$426.78	\$433.58	P.O.A
33 1/4 - 36" (845 - 914mm)	\$440.29	\$447.01	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 \$116.56

Recessed Wrench for VK162 Model

07565W/B \$149.61

Dry Spk Replacement Escutcheons

Std. Adj. - Chrome

08086F \$7.90

Std. Adj. - White

08086M/W \$7.90

Rec. Adj. - Chrome

05459AF \$5.74

Rec. Adj. - White

05459AM/W \$5.74

Dry Sprinkler Boot

22087M/W \$48.77

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

Plain Barrel

Base P/N: 12741U



VK163

Standard Adjustable

Base P/N: 12810U



VK164

Recessed Adjustable

Base P/N: 12811U



order in ½" increments

order in ½" increments

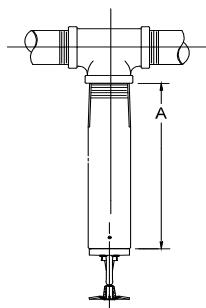
order in ¼" increments

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

VK166 - Plain Barrel

Length (L) - A Dimension

base p/n - 12741U(f)(t)(l)



3 - 6" (76 - 152mm)

6½ - 9" (165 - 229mm)

9½ - 12" (241 - 305mm)

12½ - 15" (318 - 381mm)

15½ - 18" (394 - 457mm)

18½ - 21" (470 - 533mm)

21½ - 24" (546 - 610mm)

24½ - 27" (622 - 686mm)

27½ - 30" (699 - 762mm)

30½ - 33" (775 - 838mm)

33½ - 36" (851 - 914mm)

LIST PRICES and Available Finishes

Standard Brass (A_)	Polished Chrome (F_)	ENT (JN)
IPG V188		
\$248.75	\$251.10	P.O.A
\$240.48	\$264.45	P.O.A
\$268.89	\$271.23	\$358.32
\$295.75	\$298.12	P.O.A
\$315.94	\$318.28	\$405.37
\$329.38	\$331.72	P.O.A
\$362.95	\$365.30	P.O.A
\$383.18	\$385.51	\$472.59
\$399.97	\$402.34	P.O.A
\$413.33	\$415.72	P.O.A
\$433.58	P.O.A	P.O.A

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 \$116.56

Recessed Wrench for VK164 Model

07565W/B \$149.61

Sprinkler Guard for Upright/Pendent

08954 \$31.78

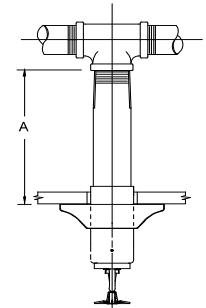
*contact customer service for lengths over standard

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

VK163 - Standard Adj.

Length (L) - A Dimension

base p/n - 12810U(f)(t)(l)



1½ - 6" (38 - 152mm)

6½ - 9" (165 - 229mm)

9½ - 12" (241 - 305mm)

12½ - 15" (318 - 381mm)

15½ - 18" (394 - 457mm)

18½ - 21" (470 - 533mm)

21½ - 24" (546 - 610mm)

24½ - 27" (622 - 686mm)

27½ - 30" (699 - 762mm)

30½ - 33" (775 - 838mm)

33½ - 36" (851 - 914mm)

LIST PRICES and Available Finishes

Polished Chrome (F_)	White (M_W)	ENT (JN)
IPG V188		
\$262.14	\$262.14	P.O.A
\$268.89	\$268.89	P.O.A
\$275.61	\$275.61	\$362.70
\$299.14	\$299.14	\$392.92
\$309.22	\$309.22	\$396.31
\$332.71	\$332.71	\$423.17
\$352.85	\$352.85	\$450.02
\$376.42	\$376.42	\$476.95
\$393.25	\$393.25	\$483.67
\$403.28	\$403.28	P.O.A
\$426.78	\$426.78	\$530.72

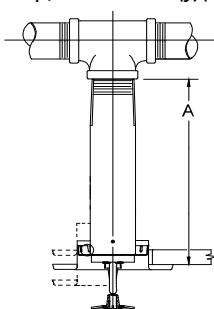
*contact customer service for lengths over standard

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

VK164 - Recessed Adj.

Length (L) - A Dimension

base p/n - 12811U(f)(t)(l)



3½ - 6" (83 - 152mm)

6½ - 9" (159 - 229mm)

9½ - 12" (235 - 305mm)

12½ - 15" (311 - 381mm)

15½ - 18" (387 - 457mm)

18½ - 21" (464 - 533mm)

21½ - 24" (540 - 610mm)

24½ - 27" (616 - 686mm)

27½ - 30" (692 - 762mm)

30½ - 33" (768 - 838mm)

33½ - 36" (845 - 914mm)

LIST PRICES and Available Finishes

Polished Chrome (F_)	White (M_W)	ENT (JN)
IPG V188		
\$262.14	\$268.89	P.O.A
\$268.89	\$275.61	P.O.A
\$275.61	\$282.36	\$369.43
\$299.14	\$305.84	P.O.A
\$315.94	\$322.64	\$409.73
\$336.09	\$342.81	P.O.A
\$356.26	\$362.95	\$450.04
\$383.18	\$389.86	P.O.A
\$396.59	\$396.59	P.O.A
\$410.02	\$416.74	P.O.A
\$436.91	\$443.64	\$530.72

Dry Spk Replacement Escutcheons

Std. Adj. - Chrome

07741F \$7.90

Std. Adj. - White

07741M/W \$7.90

Rec. Adj. - Chrome

05459AF \$5.74

Rec. Adj. - White

05459AM/W \$5.74

Dry Sprinkler Boot

22087M/W \$48.77

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, 17 1/4" long

Part Number: 21481UFD1725

VK2503

Plain Barrel

Base P/N: 21493U



VK2523

Standard Adjustable

Base P/N: 21487U



VK2543

Recessed Adjustable

Base P/N: 21481U



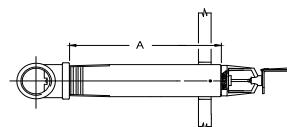
NEW! Now cULus Listed with 12" deflector distance down from ceiling

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

VK2503 - Plain Barrel

Length (L) - A Dimension

base p/n - 21493U(f)(t)(l)



base p/n - 21493U(f)(t)(l)	3 - 6" (76 - 152mm)	\$298.51	P.O.A	P.O.A
	6 1/2 - 9" (165 - 229mm)	\$314.57	\$317.37	P.O.A
	9 1/2 - 12" (241 - 305mm)	\$322.64	\$325.47	P.O.A
	12 1/2 - 15" (318 - 381mm)	P.O.A	P.O.A	P.O.A
	15 1/2 - 18" (394 - 457mm)	\$379.15	\$379.15	P.O.A
	18 1/2 - 21" (470 - 533mm)	P.O.A	P.O.A	P.O.A
	21 1/2 - 24" (546 - 610mm)	\$435.57	\$438.34	P.O.A
	24 1/2 - 27" (622 - 686mm)	P.O.A	P.O.A	P.O.A
	27 1/2 - 30" (699 - 762mm)	P.O.A	P.O.A	P.O.A
	30 1/2 - 33" (775 - 838mm)	P.O.A	P.O.A	P.O.A
	33 1/2 - 36" (851 - 914mm)	P.O.A	P.O.A	P.O.A

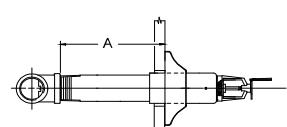
*contact customer service for lengths over standard

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

VK2523 - Standard Adj.

Length (L) - A Dimension

base p/n - 21487U(f)(t)(l)



base p/n - 21487U(f)(t)(l)	1 1/2 - 6" (38 - 152mm)	\$314.57	P.O.A	P.O.A
	6 1/2 - 9" (165 - 229mm)	\$322.64	P.O.A	P.O.A
	9 1/2 - 12" (241 - 305mm)	\$330.76	\$330.76	P.O.A
	12 1/2 - 15" (318 - 381mm)	P.O.A	\$358.98	P.O.A
	15 1/2 - 18" (394 - 457mm)	\$371.09	\$371.09	P.O.A
	18 1/2 - 21" (470 - 533mm)	\$399.27	\$399.27	P.O.A
	21 1/2 - 24" (546 - 610mm)	\$423.45	\$423.45	\$510.51
	24 1/2 - 27" (622 - 686mm)	P.O.A	P.O.A	P.O.A
	27 1/2 - 30" (699 - 762mm)	P.O.A	P.O.A	\$558.96
	30 1/2 - 33" (775 - 838mm)	P.O.A	P.O.A	P.O.A
	33 1/2 - 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

base p/n - 21481U(f)(t)(l)



base p/n - 21481U(f)(t)(l)	3 1/4 - 6" (83 - 152mm)	P.O.A	P.O.A	P.O.A
	6 1/4 - 9" (159 - 229mm)	P.O.A	P.O.A	P.O.A
	9 1/4 - 12" (235 - 305mm)	\$330.76	P.O.A	P.O.A
	12 1/4 - 15" (311 - 381mm)	P.O.A	P.O.A	P.O.A
	15 1/4 - 18" (387 - 457mm)	P.O.A	P.O.A	P.O.A
	18 1/4 - 21" (464 - 533mm)	P.O.A	P.O.A	P.O.A
	21 1/4 - 24" (540 - 610mm)	P.O.A	P.O.A	P.O.A
	24 1/4 - 27" (616 - 686mm)	P.O.A	P.O.A	P.O.A
	27 1/4 - 30" (692 - 762mm)	P.O.A	P.O.A	P.O.A
	30 1/4 - 33" (768 - 838mm)	P.O.A	P.O.A	P.O.A
	33 1/4 - 36" (845 - 914mm)	P.O.A	P.O.A	P.O.A

VK2503

Plain Barrel

Base P/N: 21493U

VK2523

Standard Adjustable

Base P/N: 21487U

VK2543

Recessed Adjustable

Base P/N: 21481U

LIST PRICES and Available Finishes

Standard Brass (A_)

Polished Chrome (F_)

ENT (JN)

IPG V188

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 \$116.56

Recessed Wrench for VK2543 Model

07565W/B \$149.61

Dry Spk Replacement Escutcheons

Std. Adj. - Chrome

08086F \$7.90

Std. Adj. - White

08086M/W \$7.90

Rec. Adj. - Chrome

05459AF \$5.74

Rec. Adj. - White

05459AM/W \$5.74

Dry Sprinkler Boot

22087M/W \$48.77

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 3/4" length

Part Number: 09124UMB/W0575

VK153

Plain Barrel

Base P/N: **09125U**



order in 1/2" increments

VK157

Standard Adjustable

Base P/N: **09123U**



order in 1/2" increments

VK161

Recessed Adjustable

Base P/N: **09124U**

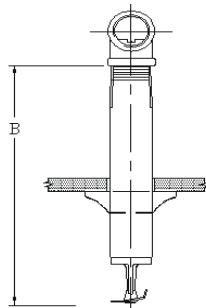


order in 1/4" increments

Item Price Group: V187

VK153 - Plain Barrel

base p/n - 09125U(f)(t)(l)



Length (L) - A Dimension

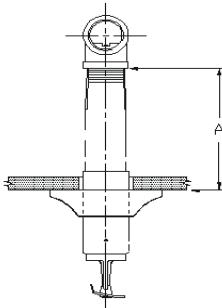
Length (L) - A Dimension	Standard Brass (A_)	Polished Chrome (F_)
4 1/2 - 7 1/2" (114 - 191mm)	\$272.40	\$276.05
8 - 10 1/2" (203 - 267mm)	\$276.05	\$279.74
11 - 13 1/2" (279 - 343mm)	\$287.14	\$290.81
14 - 16 1/2" (356 - 419mm)	\$316.58	\$320.26
17 - 19 1/2" (432 - 495mm)	\$331.30	\$334.95
20 - 22 1/2" (508 - 572mm)	\$349.73	\$353.38
23 - 25 1/2" (584 - 648mm)	\$390.13	\$393.88
26 - 28 1/2" (660 - 724mm)	\$412.28	\$415.93
29 - 31 1/2" (737 - 800mm)	\$430.67	\$434.38
32 - 34 1/2" (813 - 876mm)	\$438.09	\$441.69
35 - 37 1/2" (889 - 953mm)	\$452.75	\$456.49

*contact customer service for lengths over standard

Item Price Group: V187

VK157 - Standard Adj.

base p/n - 09123U(f)(t)(l)



Length (L) - A Dimension

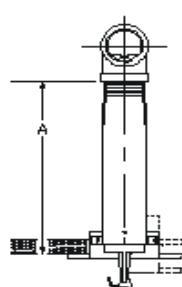
Length (L) - A Dimension	Polished Chrome (F_)	White (M_ /W)
3 - 6" (76 - 152mm)	\$279.73	\$279.74
6 1/2 - 9" (165 - 229mm)	\$294.52	P.O.A
9 1/2 - 12" (241 - 305mm)	\$301.86	\$301.84
12 1/2 - 15" (318 - 381mm)	\$334.95	\$334.94
15 1/2 - 18" (394 - 457mm)	\$349.73	\$349.73
18 1/2 - 21" (470 - 533mm)	\$368.11	\$374.26
21 1/2 - 24" (546 - 610mm)	\$412.28	\$412.28
24 1/2 - 27" (622 - 686mm)	\$433.83	\$433.83
27 1/2 - 30" (699 - 762mm)	\$445.41	\$445.40
30 1/2 - 33" (775 - 838mm)	\$452.75	\$452.76
33 1/2 - 36" (851 - 914mm)	\$478.55	\$478.55

*contact customer service for lengths over standard

Item Price Group: V187

VK161 - Recessed Adj.

base p/n - 09124U(f)(t)(l)



Length (L) - A Dimension

Length (L) - A Dimension	Polished Chrome (F_)	White (M_ /W)
3 1/4 - 6" (83 - 152mm)	\$287.14	\$294.52
6 1/4 - 9" (159 - 229mm)	\$298.16	\$305.53
9 1/4 - 12" (235 - 305mm)	\$305.53	\$312.91
12 1/4 - 15" (311 - 381mm)	\$338.69	\$346.04
15 1/4 - 18" (387 - 457mm)	\$353.38	\$360.53
18 1/4 - 21" (464 - 533mm)	\$379.15	\$386.47
21 1/4 - 24" (540 - 610mm)	\$415.96	\$423.31
24 1/4 - 27" (616 - 686mm)	\$434.38	\$441.45
27 1/4 - 30" (692 - 762mm)	\$448.86	\$456.18
30 1/4 - 33" (768 - 838mm)	\$474.88	\$481.93
33 1/4 - 36" (845 - 914mm)	\$493.24	\$500.33

LIST PRICES and Available Finishes

Standard Brass (A_)

Polished Chrome (F_)

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 \$116.56

Recessed Wrench for VK161 Model

07565W/B \$149.61

Dry Spk Replacement Escutcheons

Std. Adj. - Chrome

07741F \$7.90

Rec. Adj. - Chrome

05459AF \$5.74

Rec. Adj. - White

05459AM/W \$5.74

Dry Sprinkler Boot

22087M/W \$48.77

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)

Plain Barrel

Base P/N: **09798U**



order in **1/2" increments**

VK169 (Stainless Steel)

Recessed Adjustable

Base P/N: **10360U**

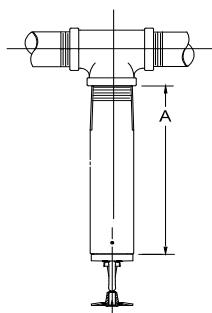


order in **1/4" increments**

Item Price Group: V187

VK168 - Plain Barrel

base p/n - 09798U(t)(l)



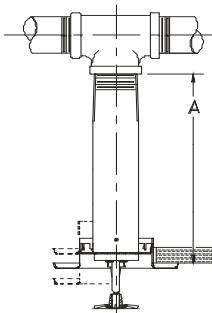
Length (L) - A Dimension	LIST PRICES	
	Stainless Steel	
3 - 6" (76 - 152mm)	\$661.16	
6½ - 9" (165 - 229mm)	\$667.91	
9½ - 12" (241 - 305mm)	\$674.58	
12½ - 15" (318 - 381mm)	\$701.38	
15½ - 18" (394 - 457mm)	\$714.83	
18½ - 21" (470 - 533mm)	\$731.56	
21½ - 24" (546 - 610mm)	\$758.42	
24½ - 27" (622 - 686mm)	\$778.52	
27½ - 30" (699 - 762mm)	\$795.30	
30½ - 33" (775 - 838mm)	\$815.40	
33½ - 36" (851 - 914mm)	\$828.83	

*contact customer service for lengths over standard

Item Price Group: V187

VK169 - Recessed Adj.

base p/n - 10360U(t)(l)



Length (L) - A Dimension	LIST PRICES	
	Stainless Steel	
3½ - 6" (83 - 152mm)	\$711.47	
6½ - 9" (159 - 229mm)	\$718.17	
9½ - 12" (235 - 305mm)	\$724.93	
12½ - 15" (311 - 381mm)	\$751.66	
15½ - 18" (387 - 457mm)	\$765.09	
18½ - 21" (464 - 533mm)	\$781.86	
21½ - 24" (540 - 610mm)	\$808.68	
24½ - 27" (616 - 686mm)	\$828.83	
27½ - 30" (692 - 762mm)	\$845.62	
30½ - 33" (768 - 838mm)	\$865.69	
33½ - 36" (845 - 914mm)	\$882.47	

*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 \$116.56

Recessed Wrench

for VK169 model

07565W/B \$149.61

Sprinkler Guard

for Upright/Pendent

08954 \$31.78

Dry Spk Replacement

Escutcheons

Rec. Adj. - Chrome

05459AF \$5.74

Rec. Adj. - White

05459AM/W \$5.74

Dry Sprinkler Boot

22087M/W \$48.77

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

DOMED CONCEALED

Base P/N: 12421UA



order in $\frac{1}{4}$ " increments

VK192 - 8.0 K Factor

DOMED CONCEALED

Base P/N: 12424UA

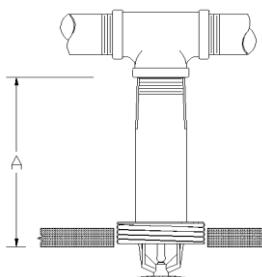


order in $\frac{1}{4}$ " increments

Item Price Group: V187

VK190 - 5.6 K Factor

base p/n - 12421U(f)(t)(l)



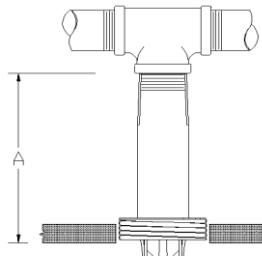
LIST PRICES	
Standard Brass (A_)	
Length (L) - A Dimension	
4 - 6"	\$276.36
6½ - 9"	\$288.89
9½ - 12"	\$303.95
12½ - 15"	\$329.12
15½ - 18"	\$351.72
18½ - 21"	\$369.31
21½ - 24"	\$404.50
24½ - 27"	\$427.11
27½ - 30"	\$454.75
30½ - 33"	\$467.31
33½ - 36"	\$502.48

*contact customer service for lengths over standard

Item Price Group: V187

VK192 - 8.0 K Factor

base p/n - 12424U(f)(t)(l)



LIST PRICES	
Standard Brass (A_)	
Length (L) - A Dimension	
4 - 6"	\$303.95
6½ - 9"	\$314.04
9½ - 12"	\$329.12
12½ - 15"	\$351.73
15½ - 18"	\$369.31
18½ - 21"	\$394.44
21½ - 24"	\$419.58
24½ - 27"	\$454.70
27½ - 30"	\$472.32
30½ - 33"	\$489.91
33½ - 36"	\$522.56

*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 \$149.61

Dry Sprinkler Boot

22087M/W \$48.77

Domed Cover Plates (sold separately)

Finish	Temp	Part #	IPG	List Price
Chrome	135°F	12381FA	V214	\$44.03
Chrome	165°F	12381FC	V214	\$44.03
Painted White	135°F	12381MA/W	V214	\$44.03
Painted White	165°F	12381MC/W	V214	\$44.03
Painted Ivory	135°F	12381MA/I	V214	\$55.94
Painted Ivory	165°F	12381MC/I	V214	\$55.94
Painted Black	135°F	12381MA/B	V214	\$55.94
Painted Black	165°F	12381MC/B	V214	\$55.94

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

Plain Barrel

Base P/N: 08387U



order in 1/2" increments

VK176

Standard Adjustable

Base P/N: 08383U



order in 1/2" increments

VK180

Recessed Adjustable

Base P/N: 08385U

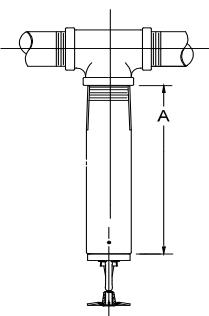


order in 1/4" increments

Item Price Group: V187

VK172 - Plain Barrel

base p/n - 08387U(f)(t)(l)



Length (L) - A Dimension

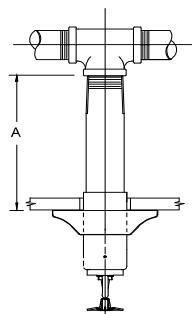
Length (L) - A Dimension	LIST PRICES and Available Finishes		
	Standard Brass (A_)	Polished Chrome (F_)	ENT (JN)
3 - 6" (76 - 152mm)	\$241.96	\$245.39	\$332.46
6½ - 9" (165 - 229mm)	\$255.42	\$258.82	P.O.A
9½ - 12" (241 - 305mm)	\$262.13	\$265.51	\$352.59
12½ - 15" (318 - 381mm)	\$285.71	\$289.02	\$376.11
15½ - 18" (394 - 457mm)	\$302.49	\$305.84	\$392.90
18½ - 21" (470 - 533mm)	\$319.30	\$322.64	P.O.A
21½ - 24" (546 - 610mm)	\$349.54	\$352.85	P.O.A
24½ - 27" (622 - 686mm)	\$366.36	\$369.71	\$456.77
27½ - 30" (699 - 762mm)	\$386.48	\$389.86	\$476.91
30½ - 33" (775 - 838mm)	\$399.97	\$403.28	\$490.37
33½ - 36" (851 - 914mm)	\$420.14	\$423.44	P.O.A

*contact customer service for lengths over standard

Item Price Group: V187

VK176 - Standard Adj.

base p/n - 08383U(f)(t)(l)



Length (L) - A Dimension

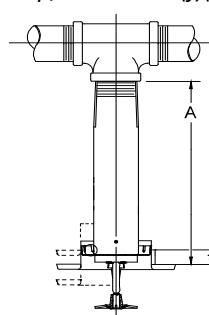
Length (L) - A Dimension	LIST PRICES and Available Finishes		
	Polished Chrome (F_)	White (M_ /W)	ENT (JN)
1½ - 6" (38 - 152mm)	\$268.89	\$268.89	\$355.97
6½ - 9" (165 - 229mm)	\$275.61	\$275.60	\$362.69
9½ - 12" (241 - 305mm)	\$282.36	\$282.36	\$369.45
12½ - 15" (318 - 381mm)	\$309.22	\$309.22	\$396.31
15½ - 18" (394 - 457mm)	\$315.96	\$315.96	\$403.02
18½ - 21" (470 - 533mm)	\$346.15	\$346.15	\$433.23
21½ - 24" (546 - 610mm)	\$359.59	\$359.59	\$446.68
24½ - 27" (622 - 686mm)	\$383.17	\$383.17	\$470.26
27½ - 30" (699 - 762mm)	\$399.97	\$399.99	\$487.07
30½ - 33" (775 - 838mm)	\$410.02	\$410.02	\$497.12
33½ - 36" (851 - 914mm)	\$436.91	\$436.90	\$524.00

*contact customer service for lengths over standard

Item Price Group: V187

VK180 - Recessed Adj.

base p/n - 08385U(f)(t)(l)



Length (L) - A Dimension

Length (L) - A Dimension	LIST PRICES and Available Finishes		
	Polished Chrome (F_)	White (M_ /W)	ENT (JN)
3½ - 6" (83 - 152mm)	\$268.89	\$275.61	\$362.70
6½ - 9" (159 - 229mm)	\$275.61	\$282.36	\$369.45
9½ - 12" (235 - 305mm)	\$282.36	\$289.02	\$376.10
12½ - 15" (311 - 381mm)	\$309.22	\$315.96	\$403.02
15½ - 18" (387 - 457mm)	\$322.64	\$329.38	\$416.47
18½ - 21" (464 - 533mm)	\$346.15	\$352.85	\$439.93
21½ - 24" (540 - 610mm)	\$369.71	\$376.42	\$463.51
24½ - 27" (616 - 686mm)	\$389.86	\$396.59	\$483.67
27½ - 30" (692 - 762mm)	\$399.97	\$406.63	\$493.73
30½ - 33" (768 - 838mm)	\$420.14	\$426.78	\$513.88
33½ - 36" (845 - 914mm)	\$447.01	\$453.74	\$540.80

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 \$116.56

Recessed wrench for VK180 model

07565W/B \$149.61

Sprinkler Guard for Upright/Pendent

08954 \$31.78

Dry Spk Replacement Escutcheons

Std. Adj. - Chrome

07741F \$7.90

Std. Adj. - White

07741M/W \$7.90

Rec. Adj. - Chrome

05459AF \$5.74

Rec. Adj. - White

05459AM/W \$5.74

Dry Sprinkler Boot

22087M/W \$48.77

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 1/2" long

Part Number: 08388UAB115

VK174

Plain Barrel

Base P/N: 08388U

VK178

Standard Adjustable

Base P/N: 08384U

VK182

Recessed Adjustable

Base P/N: 08386U



order in 1/2" increments

order in 1/2" increments

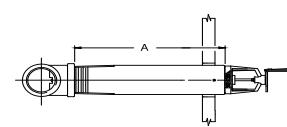
order in 1/4" increments

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

VK174 - Plain Barrel

Length (L) - A Dimension

base p/n - 08388U(f)(t)(l)



base p/n - 08388U(f)(t)(l)	3 - 6" (76 - 152mm)	\$268.89	\$272.21	P.O.A
	6 1/2 - 9" (165 - 229mm)	\$272.21	\$275.61	P.O.A
	9 1/2 - 12" (241 - 305mm)	\$278.92	\$282.36	\$369.42
	12 1/2 - 15" (318 - 381mm)	\$309.22	\$312.59	\$399.64
	15 1/2 - 18" (394 - 457mm)	\$319.30	\$322.64	P.O.A
	18 1/2 - 21" (470 - 533mm)	\$339.46	\$342.81	P.O.A
	21 1/2 - 24" (546 - 610mm)	\$376.42	\$379.81	P.O.A
	24 1/2 - 27" (622 - 686mm)	\$393.25	\$396.58	P.O.A
	27 1/2 - 30" (699 - 762mm)	\$406.63	\$410.02	P.O.A
	30 1/2 - 33" (775 - 838mm)	\$420.14	\$423.44	P.O.A
	33 1/2 - 36" (851 - 914mm)	\$436.91	\$440.29	P.O.A

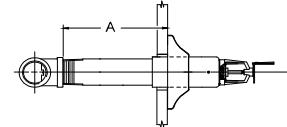
*contact customer service for lengths over standard

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

VK178 - Standard Adj.

Length (L) - A Dimension

base p/n - 08384U(f)(t)(l)



base p/n - 08384U(f)(t)(l)	1 1/2 - 6" (38 - 152mm)	\$275.61	\$275.60	\$362.70
	6 1/2 - 9" (165 - 229mm)	\$282.36	\$282.36	\$369.43
	9 1/2 - 12" (241 - 305mm)	\$292.42	\$292.42	\$379.50
	12 1/2 - 15" (318 - 381mm)	\$322.64	\$322.64	\$409.73
	15 1/2 - 18" (394 - 457mm)	\$336.09	\$336.09	\$423.17
	18 1/2 - 21" (470 - 533mm)	\$356.26	\$356.26	\$443.35
	21 1/2 - 24" (546 - 610mm)	\$393.25	\$393.25	\$480.33
	24 1/2 - 27" (622 - 686mm)	\$406.63	\$406.63	\$481.71
	27 1/2 - 30" (699 - 762mm)	\$426.78	\$426.79	\$513.88
	30 1/2 - 33" (775 - 838mm)	\$436.91	\$436.91	\$524.00
	33 1/2 - 36" (851 - 914mm)	\$453.74	\$453.74	\$540.79

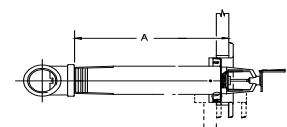
*contact customer service for lengths over standard

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

VK182 - Recessed Adj.

Length (L) - A Dimension

base p/n - 08386U(f)(t)(l)



base p/n - 08386U(f)(t)(l)	3 1/4 - 6" (83 - 152mm)	\$282.36	\$289.02	\$376.10
	6 1/4 - 9" (159 - 229mm)	\$292.42	\$299.14	\$376.10
	9 1/4 - 12" (235 - 305mm)	\$299.14	\$305.84	\$392.91
	12 1/4 - 15" (311 - 381mm)	\$326.04	\$332.71	\$419.78
	15 1/4 - 18" (387 - 457mm)	\$346.15	\$352.85	\$439.93
	18 1/4 - 21" (464 - 533mm)	\$359.59	\$366.36	\$453.42
	21 1/4 - 24" (540 - 610mm)	\$396.59	\$403.28	\$490.39
	24 1/4 - 27" (616 - 686mm)	\$413.33	\$420.14	\$507.22
	27 1/4 - 30" (692 - 762mm)	\$433.58	\$440.29	\$527.34
	30 1/4 - 33" (768 - 838mm)	\$450.40	\$457.09	P.O.A
	33 1/4 - 36" (845 - 914mm)	\$463.80	\$470.56	\$557.62

LIST PRICES and Available Finishes

Standard Brass (A_)	Polished Chrome (F_)	ENT (JN)
IPG V188		

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 \$116.56

Recessed Wrench for VK182 Model

07565W/B \$149.61

Dry Spk Replacement Escutcheons

Std. Adj. - Chrome

08086F \$7.90

Std. Adj. - White

08086M/W \$7.90

Rec. Adj. - Chrome

05459AF \$5.74

Rec. Adj. - White

05459AM/W \$5.74

Dry Sprinkler Boot

22087M/W \$48.77

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

Plain Barrel

Base P/N: 13248U



VK177

Standard Adjustable

Base P/N: 13249U



VK181

Recessed Adjustable

Base P/N: 13250U



order in $\frac{1}{2}$ " increments

order in $\frac{1}{2}$ " increments

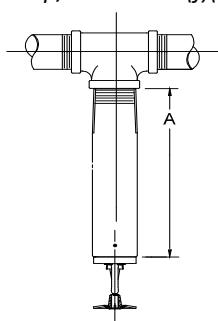
order in $\frac{1}{4}$ " increments

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

VK173 - Plain Barrel

Length (L) - A Dimension

base p/n - 13248U(f)(t)(l)



3 - 6" (76 - 152mm)

6 $\frac{1}{2}$ - 9" (165 - 229mm)

9 $\frac{1}{2}$ - 12" (241 - 305mm)

12 $\frac{1}{2}$ - 15" (318 - 381mm)

15 $\frac{1}{2}$ - 18" (394 - 457mm)

18 $\frac{1}{2}$ - 21" (470 - 533mm)

21 $\frac{1}{2}$ - 24" (546 - 610mm)

24 $\frac{1}{2}$ - 27" (622 - 686mm)

27 $\frac{1}{2}$ - 30" (699 - 762mm)

30 $\frac{1}{2}$ - 33" (775 - 838mm)

33 $\frac{1}{2}$ - 36" (851 - 914mm)

LIST PRICES and Available Finishes

Standard Brass (A_)	Polished Chrome (F_)	ENT (JN)	IPG V188
\$273.65	\$284.04	P.O.A	
\$296.50	\$298.34	P.O.A	
\$295.76	\$298.37	\$385.44	
\$334.53	\$337.18	P.O.A	
\$353.77	\$350.14	P.O.A	
\$372.58	\$364.89	P.O.A	
\$410.56	\$401.86	P.O.A	
P.O.A	P.O.A	P.O.A	
\$490.40	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 \$116.56

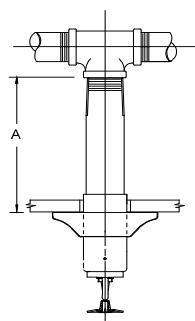
*contact customer service for lengths over standard

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

VK177 - Standard Adj.

Length (L) - A Dimension

base p/n - 13249U(f)(t)(l)



1 $\frac{1}{2}$ - 6" (38 - 152mm)

6 $\frac{1}{2}$ - 9" (165 - 229mm)

9 $\frac{1}{2}$ - 12" (241 - 305mm)

12 $\frac{1}{2}$ - 15" (318 - 381mm)

15 $\frac{1}{2}$ - 18" (394 - 457mm)

18 $\frac{1}{2}$ - 21" (470 - 533mm)

21 $\frac{1}{2}$ - 24" (546 - 610mm)

24 $\frac{1}{2}$ - 27" (622 - 686mm)

27 $\frac{1}{2}$ - 30" (699 - 762mm)

30 $\frac{1}{2}$ - 33" (775 - 838mm)

33 $\frac{1}{2}$ - 36" (851 - 914mm)

LIST PRICES and Available Finishes

Polished Chrome (F_)	White (M_/_W)	ENT (JN)	IPG V188
\$288.35	\$288.35	\$352.69	
\$295.76	\$295.76	P.O.A	
\$303.18	\$303.18	\$390.26	
\$329.07	\$329.07	\$427.22	
\$340.15	\$340.15	\$427.22	
\$376.34	\$376.33	P.O.A	
\$388.14	\$388.17	\$475.21	
\$414.10	\$432.54	P.O.A	
\$432.53	\$444.81	\$531.90	
\$456.17	\$456.17	\$456.17	
\$482.80	\$482.80	P.O.A	

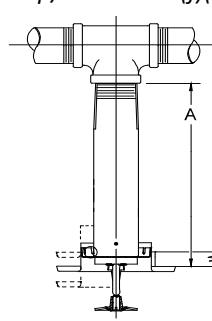
*contact customer service for lengths over standard

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

VK181 - Recessed Adj.

Length (L) - A Dimension

base p/n - 13250U(f)(t)(l)



3 $\frac{1}{4}$ - 6" (83 - 152mm)

6 $\frac{1}{4}$ - 9" (159 - 229mm)

9 $\frac{1}{4}$ - 12" (235 - 305mm)

12 $\frac{1}{4}$ - 15" (311 - 381mm)

15 $\frac{1}{4}$ - 18" (387 - 457mm)

18 $\frac{1}{4}$ - 21" (464 - 533mm)

21 $\frac{1}{4}$ - 24" (540 - 610mm)

24 $\frac{1}{4}$ - 27" (616 - 686mm)

27 $\frac{1}{4}$ - 30" (692 - 762mm)

30 $\frac{1}{4}$ - 33" (768 - 838mm)

33 $\frac{1}{4}$ - 36" (845 - 914mm)

LIST PRICES and Available Finishes

Polished Chrome (F_)	White (M_/_W)	ENT (JN)	IPG V188
\$288.35	\$295.76	P.O.A	
\$295.76	\$303.18	\$390.26	
\$303.18	\$310.56	\$397.62	
\$329.07	\$336.40	P.O.A	
\$347.52	\$354.93	\$442.01	
\$369.69	\$377.09	P.O.A	
\$391.90	\$399.27	P.O.A	
\$421.47	\$428.86	P.O.A	
\$436.27	\$444.78	P.O.A	
\$451.03	\$459.61	P.O.A	
\$480.61	\$489.26	P.O.A	

Dry Sprinkler Boot

22087M/W \$48.77

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

Plain Barrel

Base P/N: 21495U

VK2773

Standard Adjustable

Base P/N: 21489U

VK2793

Recessed Adjustable

Base P/N: 21483U



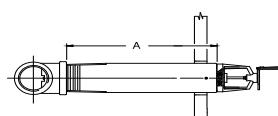
NEW! Now cULus Listed with 12" deflector distance down from ceiling

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

VK2753 - Plain Barrel

Length (L) - A Dimension

base p/n - 21495U(f)(t)(l)



base p/n - 21495U(f)(t)(l)	3 - 6" (76 - 152mm)	\$323.35	\$326.42	P.O.A
	6½ - 9" (165 - 229mm)	P.O.A	P.O.A	P.O.A
	9½ - 12" (241 - 305mm)	\$349.50	\$352.57	P.O.A
	12½ - 15" (318 - 381mm)	P.O.A	P.O.A	P.O.A
	15½ - 18" (394 - 457mm)	\$410.72	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

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 \$116.56

Recessed Wrench for VK2793 Model

07565W/B \$149.61

Dry Spk Replacement Escutcheons

Std. Adj. - Chrome

08086F \$7.90

Std. Adj. - White

08086M/W \$7.90

Rec. Adj. - Chrome

05459AF \$5.74

Rec. Adj. - White

05459AM/W \$5.74

Dry Sprinkler Boot

22087M/W \$48.77

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

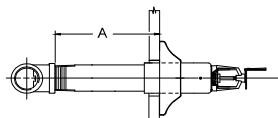
*contact customer service for lengths over standard

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

VK2773 - Standard Adj.

Length (L) - A Dimension

base p/n - 21489U(f)(t)(l)



base p/n - 21489U(f)(t)(l)	1½ - 6" (38 - 152mm)	\$340.75	\$340.76	P.O.A
	6½ - 9" (165 - 229mm)	\$349.50	P.O.A	P.O.A
	9½ - 12" (241 - 305mm)	\$358.32	\$358.30	P.O.A
	12½ - 15" (318 - 381mm)	\$388.88	P.O.A	P.O.A
	15½ - 18" (394 - 457mm)	\$401.99	\$401.99	P.O.A
	18½ - 21" (470 - 533mm)	\$432.50	P.O.A	\$519.59
	21½ - 24" (546 - 610mm)	\$458.73	P.O.A	P.O.A
	24½ - 27" (622 - 686mm)	P.O.A	P.O.A	P.O.A
	27½ - 30" (699 - 762mm)	\$511.20	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	\$554.88	P.O.A

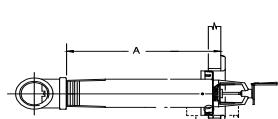
*contact customer service for lengths over standard

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

VK2793 - Recessed Adj.

Length (L) - A Dimension

base p/n - 21483U(f)(t)(l)



base p/n - 21483U(f)(t)(l)	3½ - 6" (83 - 152mm)	\$340.75	P.O.A	P.O.A
	6½ - 9" (159 - 229mm)	P.O.A	P.O.A	P.O.A
	9½ - 12" (235 - 305mm)	\$358.32	P.O.A	P.O.A
	12½ - 15" (311 - 381mm)	P.O.A	P.O.A	P.O.A
	15½ - 18" (387 - 457mm)	\$410.73	\$419.43	P.O.A
	18½ - 21" (464 - 533mm)	P.O.A	P.O.A	P.O.A
	21½ - 24" (540 - 610mm)	\$463.14	P.O.A	P.O.A
	24½ - 27" (616 - 686mm)	\$498.15	P.O.A	P.O.A
	27½ - 30" (692 - 762mm)	P.O.A	P.O.A	P.O.A
	30½ - 33" (768 - 838mm)	\$537.40	P.O.A	P.O.A
	33½ - 36" (845 - 914mm)	P.O.A	P.O.A	P.O.A

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 3/4" long

Part Number: 13256UFE1575

VK282

Plain Barrel

Base P/N: 13254U



VK286

Standard Adjustable

Base P/N: 13255U



VK290

Recessed Adjustable

Base P/N: 13256U



order in 1/2" increments

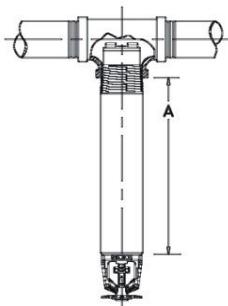
order in 1/2" increments

order in 1/4" increments

Item Price Group: V187

VK282- Plain Barrel

base p/n - 13254U(f)(t)(l)



Length (L) - A Dimension

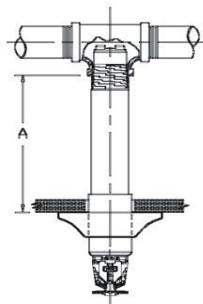
Length (L) - A Dimension	Standard Brass (A_)	Polished Chrome (F_)
3 - 6" (76 - 152mm)	\$323.35	P.O.A
6 1/2 - 9" (165 - 229mm)	\$340.75	\$343.81
9 1/2 - 12" (241 - 305mm)	\$340.75	\$352.58
12 1/2 - 15" (318 - 381mm)	\$384.49	\$387.54
15 1/2 - 18" (394 - 457mm)	\$410.73	\$413.76
18 1/2 - 21" (470 - 533mm)	\$428.19	\$431.24
21 1/2 - 24" (546 - 610mm)	\$471.83	\$474.89
24 1/2 - 27" (622 - 686mm)	\$498.13	P.O.A
27 1/2 - 30" (699 - 762mm)	\$519.99	P.O.A
30 1/2 - 33" (775 - 838mm)	\$537.37	\$540.44
33 1/2 - 36" (851 - 914mm)	\$563.63	\$566.68

*contact customer service for lengths over standard

Item Price Group: V187

VK286 - Standard Adj.

base p/n - 13255U(f)(t)(l)



Length (L) - A Dimension

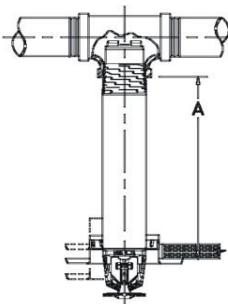
Length (L) - A Dimension	Polished Chrome (F_)	White (M_W)
1 1/2 - 6" (38 - 152mm)	\$340.75	\$340.75
6 1/2 - 9" (165 - 229mm)	\$349.51	\$349.51
9 1/2 - 12" (241 - 305mm)	\$358.32	\$358.30
12 1/2 - 15" (318 - 381mm)	\$388.88	\$388.88
15 1/2 - 18" (394 - 457mm)	\$401.99	\$401.99
18 1/2 - 21" (470 - 533mm)	\$432.51	\$432.51
21 1/2 - 24" (546 - 610mm)	\$458.73	\$458.73
24 1/2 - 27" (622 - 686mm)	\$489.37	\$489.38
27 1/2 - 30" (699 - 762mm)	\$511.20	\$511.23
30 1/2 - 33" (775 - 838mm)	\$524.29	\$524.28
33 1/2 - 36" (851 - 914mm)	\$554.86	\$554.86

*contact customer service for lengths over standard

Item Price Group: V187

VK290 - Recessed Adj.

base p/n - 13256U(f)(t)(l)



Length (L) - A Dimension

Length (L) - A Dimension	Polished Chrome (F_)	White (M_W)
3 1/4 - 6" (83 - 152mm)	\$340.75	\$349.52
6 1/4 - 9" (159 - 229mm)	\$349.51	\$358.30
9 1/4 - 12" (235 - 305mm)	\$358.32	\$367.03
12 1/4 - 15" (311 - 381mm)	\$388.88	\$397.57
15 1/4 - 18" (387 - 457mm)	\$410.73	\$419.43
18 1/4 - 21" (464 - 533mm)	\$436.89	\$445.68
21 1/4 - 24" (540 - 610mm)	\$463.14	\$471.83
24 1/4 - 27" (616 - 686mm)	\$498.13	\$506.82
27 1/4 - 30" (692 - 762mm)	\$515.61	\$524.29
30 1/4 - 33" (768 - 838mm)	\$533.03	P.O.A
33 1/4 - 36" (845 - 914mm)	\$568.00	\$576.72

LIST PRICES and Available Finishes

Standard Brass (A_)	Polished Chrome (F_)
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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 \$116.56

Recessed Wrench for VK290 Model

07565W/B \$149.61

Sprinkler Guard for Upright/Pendent

08954 \$31.78

Dry Spk Replacement Escutcheons

Std. Adj. - Chrome

07741F \$7.90

Std. Adj. - White

07741M/W \$7.90

Rec. Adj. - Chrome

05459AF \$5.74

Rec. Adj. - White

05459AM/W \$5.74

Dry Sprinkler Boot

22087M/W \$48.77

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

Plain Barrel

Base P/N: 21497U



VK2883

Standard Adjustable

Base P/N: 21491U



VK2923

Recessed Adjustable

Base P/N: 21485U



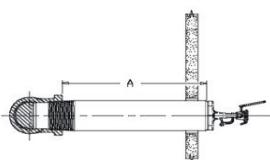
NEW! Now cULus Listed with 12" deflector distance down from ceiling

Item Price Group: V187

VK2843 - Plain Barrel

Length (L) - A Dimension

base p/n - 21497U(f)(t)(l)



LIST PRICES and Available Finishes

Standard Brass (A_)	Polished Chrome (F_)
\$323.37	P.O.A
P.O.A	P.O.A
\$349.53	P.O.A
P.O.A	P.O.A
\$410.73	\$413.77
P.O.A	P.O.A

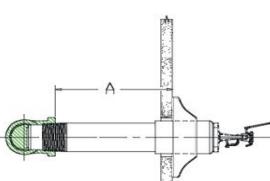
*contact customer service for lengths over standard

Item Price Group: V187

VK2883 - Standard Adj.

Length (L) - A Dimension

base p/n - 21491U(f)(t)(l)



LIST PRICES and Available Finishes

Polished Chrome (F_)	White (M_ /W)
P.O.A	P.O.A
\$349.50	P.O.A
\$358.32	\$358.31
\$388.88	P.O.A
\$401.99	\$401.98
P.O.A	P.O.A
\$458.73	\$458.73
P.O.A	P.O.A

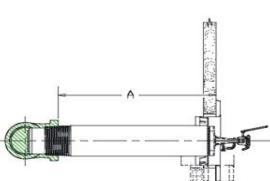
*contact customer service for lengths over standard

Item Price Group: V187

VK2923 - Recessed Adj.

Length (L) - A Dimension

base p/n - 21485U(f)(t)(l)



LIST PRICES and Available Finishes

Polished Chrome (F_)	White (M_ /W)
P.O.A	P.O.A
P.O.A	P.O.A
\$358.32	P.O.A
\$388.88	P.O.A
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 \$116.56

Recessed Wrench for VK2923 Model

07565W/B \$149.61

Dry Spk Replacement Escutcheons

Std. Adj. - Chrome

08086F \$7.90

Std. Adj. - White

08086M/W \$7.90

Rec. Adj. - Chrome

05459AF \$5.74

Rec. Adj. - White

05459AM/W \$5.74

Dry Sprinkler Boot

22087M/W \$48.77

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

Recessed Adjustable

Base P/N: 10541U



order in $\frac{1}{4}$ " increments

VK188 - Horiz. Sidewall

Recessed Adjustable

Base P/N: 10542U



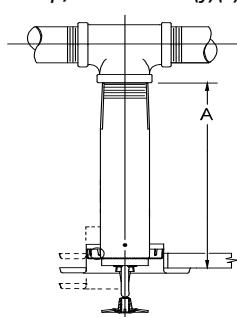
order in $\frac{1}{4}$ " increments

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

VK186 - Recessed Adj.

Length (L) - A Dimension

base p/n - 10541U(f)(t)(l)



3 $\frac{1}{4}$ - 6" (83 - 152mm)

6 $\frac{1}{4}$ - 9" (159 - 229mm)

9 $\frac{1}{4}$ - 12" (235 - 305mm)

12 $\frac{1}{4}$ - 15" (311 - 381mm)

15 $\frac{1}{4}$ - 18" (387 - 457mm)

18 $\frac{1}{4}$ - 21" (464 - 533mm)

21 $\frac{1}{4}$ - 24" (540 - 610mm)

24 $\frac{1}{4}$ - 27" (616 - 686mm)

27 $\frac{1}{4}$ - 30" (692 - 762mm)

30 $\frac{1}{4}$ - 33" (768 - 838mm)

33 $\frac{1}{4}$ - 36" (845 - 914mm)

LIST PRICES and Available Finishes

Polished Chrome (F_)	White (M_W)	ENT (JN) IPG V188
\$278.92	\$285.71	\$372.80
\$285.71	\$292.42	\$379.50
\$295.76	\$302.49	\$389.57
\$319.30	\$326.04	\$413.12
\$336.09	\$342.81	\$429.90
\$356.26	\$362.95	\$450.04
\$383.17	\$389.86	\$476.94
\$399.97	\$406.63	\$493.73
\$410.02	\$416.74	\$503.83
\$433.59	\$440.29	P.O.A
\$457.09	\$463.83	P.O.A

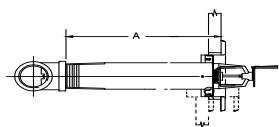
*contact customer service for lengths over standard

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

VK188 - Recessed Adj.

Length (L) - A Dimension

base p/n - 10542U(f)(t)(l)



3 $\frac{1}{4}$ - 6" (83 - 152mm)

6 $\frac{1}{4}$ - 9" (159 - 229mm)

9 $\frac{1}{4}$ - 12" (235 - 305mm)

12 $\frac{1}{4}$ - 15" (311 - 381mm)

15 $\frac{1}{4}$ - 18" (387 - 457mm)

18 $\frac{1}{4}$ - 21" (464 - 533mm)

21 $\frac{1}{4}$ - 24" (540 - 610mm)

24 $\frac{1}{4}$ - 27" (616 - 686mm)

27 $\frac{1}{4}$ - 30" (692 - 762mm)

30 $\frac{1}{4}$ - 33" (768 - 838mm)

33 $\frac{1}{4}$ - 36" (845 - 914mm)

LIST PRICES and Available Finishes

Polished Chrome (F_)	White (M_W)	ENT (JN) IPG V188
\$295.76	\$302.49	\$389.57
\$302.49	\$309.22	\$396.31
\$309.22	\$315.96	\$403.02
\$336.09	\$342.81	P.O.A
\$356.26	\$362.95	\$450.04
\$369.71	\$376.42	\$463.50
\$406.63	\$413.33	P.O.A
\$426.78	\$433.57	P.O.A
\$443.65	\$450.40	P.O.A
\$460.49	\$467.19	P.O.A
\$477.25	\$483.95	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 \$149.61

Sprinkler Guard for Upright/Pendent

08954 \$31.78

Dry Spk Replacement Escutcheons

Rec. Adj. - Chrome

05459AF \$5.74

Rec. Adj. - White

05459AM/W \$5.74

Dry Sprinkler Boot

22087M/W \$48.77

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

DOMED CONCEALED

Base P/N: 12422U



order in 1/4" increments

VK196 - Ext. Coverage

DOMED CONCEALED

Base P/N: 12423U

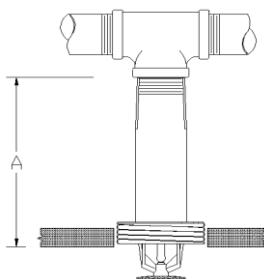


order in 1/4" increments

Item Price Group: V187

VK194 - 5.6 K Factor

base p/n - 12422U(f)(t)(l)



Length (L) - A Dimension

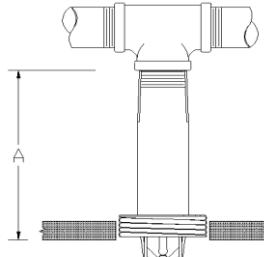
Length (L) - A Dimension	LIST PRICES
	Standard Brass (A_)
4 - 6" (101 - 152mm)	\$314.04
6 1/4 - 9" (159 - 229mm)	\$319.05
9 1/4 - 12" (235 - 305mm)	\$329.12
12 1/4 - 15" (311 - 381mm)	\$364.28
15 1/4 - 18" (387 - 457mm)	\$379.38
18 1/4 - 21" (464 - 533mm)	\$407.02
21 1/4 - 24" (540 - 610mm)	\$439.67
24 1/4 - 27" (616 - 686mm)	\$464.80
27 1/4 - 30" (692 - 762mm)	\$477.36
30 1/4 - 33" (768 - 838mm)	\$502.48
33 1/4 - 36" (845 - 914mm)	\$535.12

*contact customer service for lengths over standard

Item Price Group: V187

VK196 - 5.6 K Factor

base p/n - 12423U(f)(t)(l)



Length (L) - A Dimension

Length (L) - A Dimension	LIST PRICES
	Standard Brass (A_)
4 - 6" (101 - 152mm)	\$326.63
6 1/4 - 9" (159 - 229mm)	\$331.66
9 1/4 - 12" (235 - 305mm)	\$344.19
12 1/4 - 15" (311 - 381mm)	\$376.87
15 1/4 - 18" (387 - 457mm)	\$394.42
18 1/4 - 21" (464 - 533mm)	\$419.58
21 1/4 - 24" (540 - 610mm)	\$454.75
24 1/4 - 27" (616 - 686mm)	\$477.36
27 1/4 - 30" (692 - 762mm)	\$489.92
30 1/4 - 33" (768 - 838mm)	\$517.57
33 1/4 - 36" (845 - 914mm)	\$547.71

*contact customer service for lengths over standard

Domed Cover Plates (sold separately)				
Finish	Temp	Part #	IPG	List Price
Chrome	135°F	12381FA	V15.3	\$44.03
Chrome	165°F	12381FC	V15.3	\$44.03
Painted White	135°F	12381MA/W	V15.3	\$44.03
Painted White	165°F	12381MC/W	V15.3	\$44.03
Painted Ivory	135°F	12381MA/I	V15.3	\$55.94
Painted Ivory	165°F	12381MC/I	V15.3	\$55.94
Painted Black	135°F	12381MA/B	V15.3	\$55.94
Painted Black	165°F	12381MC/B	V15.3	\$55.94

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.

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 \$149.61

Dry Sprinkler Boot

22087M/W \$48.77

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- 1/4" length

Part Number: 18385MC/W0725

VK482 - Recessed

Flush-Style Pendent

Base p/n: 18385M(t) /W(l)

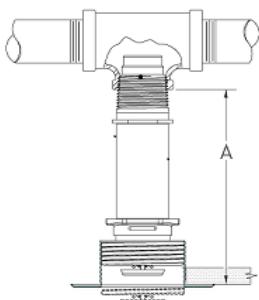


order in 1/4" increments

Item Price Group: V189

VK482-Flush Concealed

base p/n - 18385(f)(t)(l)



Length (L) - A Dimension	LIST PRICES	
	White (M / W)	
4 1/2 - 6" (114 - 152mm)	\$356.72	
6 1/4 - 9" (159 - 229mm)	\$365.63	
9 1/4 - 12" (235 - 305mm)	\$374.53	
12 1/4 - 15" (311 - 381mm)	\$383.42	
15 1/4 - 18" (387 - 457mm)	\$392.44	
18 1/4 - 21" (464 - 533mm)	\$401.34	
21 1/4 - 24" (540 - 610mm)	\$410.24	
24 1/4 - 27" (616 - 686mm)	\$419.14	
27 1/4 - 30" (692 - 762mm)	\$428.05	
30 1/4 - 33" (768 - 838mm)	\$436.94	
33 1/4 - 36" (845 - 914mm)	\$439.90	

* Please contact customer service for list prices for lengths over 36 inches (914 mm)

Additional Ordering Information

VK482

Available Temp.

Ratings / Suffix

165°F (74°C) = C

205°F (96°C) = E

Recessed Wrench

for VK482

18315W/B \$163.26

VK482 Replacement

Escutcheon

White

18386M/W \$27.77

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.

Standard Response - ELO

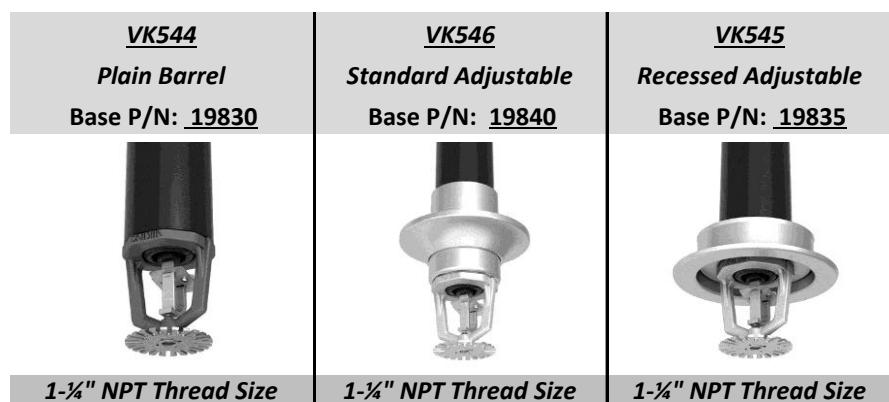
11.2 (161.3) K Factor (5/8" orifice)

Standard Coverage

Pendent / 1-1/4" NPT

Fusible Link

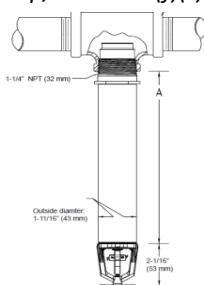
To order, add finish, temperature and length suffix to base part number (length = A dimension, inches dry ELO sprinklers offered in standard lengths of 6 inch increments (12-48"))



Item Price Group: V190

VK544 - Plain Barrel

base p/n - 19830(f)(t)(l)



Length (L) - A Dimension¹

	LIST PRICES and Available Finishes		
	Standard	Polished	White
	Brass (A_)	Chrome (F_)	(M_W)
12" (305 mm)	\$664.20	\$664.20	\$664.20
18" (457 mm)	\$701.09	\$701.09	\$701.09
24" (610 mm)	\$737.99	\$737.99	\$737.99
30" (762 mm)	\$774.89	\$774.89	\$774.89
36" (914 mm)	\$811.79	\$811.79	\$811.79
42" (1067 mm)	\$848.68	\$848.68	\$848.68
48" (1219 mm)	\$873.29	\$873.29	\$873.29

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

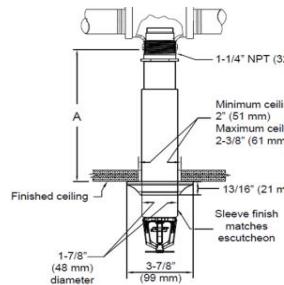
Recessed Wrench for VK545 Model²

19748W/B \$178.28

Item Price Group: V190

VK546 - Standard Adj.

base p/n - 19840(f)(t)(l)



Length (L) - A Dimension¹

	LIST PRICES and Available Finishes	
	Polished	White
	Chrome (F_)	(M_W)
12" (305 mm)	\$664.20	\$664.20
18" (457 mm)	\$701.09	\$701.09
24" (610 mm)	\$737.99	\$737.99
30" (762 mm)	\$774.89	\$774.89
36" (914 mm)	\$811.79	\$811.79
42" (1067 mm)	\$848.68	\$848.68
48" (1219 mm)	\$873.29	\$873.29

Dry ELO Replacement Escutcheons

Std. Adjustable

19730F \$7.75

19730M/W \$7.75

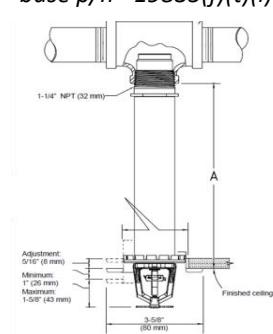
Rec. Adjustable

19728F \$7.90

Item Price Group: V190

VK545 - Recessed Adj.

base p/n - 19835(f)(t)(l)



Length (L) - A Dimension¹

	LIST PRICES and Available Finishes	
	Polished	White
	Chrome (F_)	(M_W)
12" (305 mm)	\$664.20	\$664.20
18" (457 mm)	\$701.09	\$701.09
24" (610 mm)	\$737.99	\$737.99
30" (762 mm)	\$774.89	\$774.89
36" (914 mm)	\$811.79	\$811.79
42" (1067 mm)	\$848.68	\$848.68
48" (1219 mm)	\$873.29	\$873.29

- (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 / 1-1/4" NPT

Fusible Link

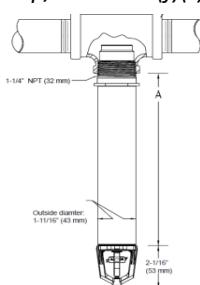
To order, add finish, temperature and length suffix to base part number (length = A dimension, inches dry ELO sprinklers offered in standard lengths of 6 inch increments (12-48"))

VK547 Plain Barrel Base P/N: <u>19828</u>	VK549 Standard Adjustable Base P/N: <u>19838</u>	VK548 Recessed Adjustable Base P/N: <u>19833</u>
		
1-1/4" NPT Thread Size	1-1/4" NPT Thread Size	1-1/4" NPT Thread Size

Item Price Group: V190

VK547 - Plain Barrel

base p/n - 19828(f)(t)(l)



Length (L) - A Dimension¹

Length (L) - A Dimension ¹	LIST PRICES and Available Finishes		
	Standard Brass (A_)	Polished Chrome (F_)	White (M_J/W)
12" (305 mm)	\$725.69	\$725.69	\$725.69
18" (457 mm)	\$762.58	\$762.58	\$762.58
24" (610 mm)	\$799.48	\$799.48	\$799.48
30" (762 mm)	\$836.38	\$836.38	\$836.38
36" (914 mm)	\$873.29	\$873.29	\$873.29
42" (1067 mm)	\$910.18	\$910.18	\$910.18
48" (1219 mm)	\$934.79	\$934.79	\$934.79

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 Model²

19748W/B \$178.28

Dry ELO Replacement

Escutcheons

Std. Adjustable

19730F \$7.75

19730M/W \$7.75

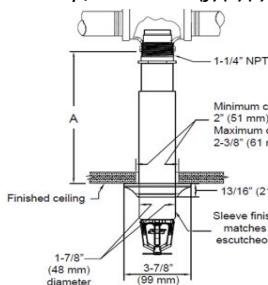
Rec. Adjustable

19728F \$7.90

Item Price Group: V190

VK549 - Standard Adj.

base p/n - 19838(f)(t)(l)



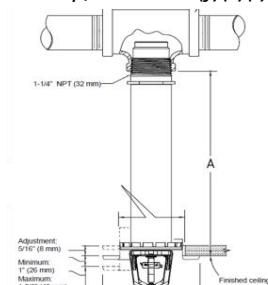
Length (L) - A Dimension¹

Length (L) - A Dimension ¹	LIST PRICES and Available Finishes		
	Polished Chrome (F_)	White (M_J/W)	
12" (305 mm)	\$725.69	\$725.69	
18" (457 mm)	\$762.58	\$762.58	
24" (610 mm)	\$799.48	\$799.48	
30" (762 mm)	\$836.38	\$836.38	
36" (914 mm)	\$873.29	\$873.29	
42" (1067 mm)	\$910.18	\$909.89	
48" (1219 mm)	\$934.79	\$934.79	

Item Price Group: V190

VK548 - Recessed Adj.

base p/n - 19833(f)(t)(l)



Length (L) - A Dimension¹

Length (L) - A Dimension ¹	LIST PRICES and Available Finishes		
	Polished Chrome (F_)	White (M_J/W)	
12" (305 mm)	\$725.69	\$725.69	
18" (457 mm)	\$762.58	\$762.58	
24" (610 mm)	\$799.48	\$799.48	
30" (762 mm)	\$836.38	\$836.38	
36" (914 mm)	\$873.29	\$873.29	
42" (1067 mm)	\$910.18	\$910.18	
48" (1219 mm)	\$934.79	\$934.79	

- (1) Additional lengths available on special request (FM Approved, 12-48").
(2) Plain barrel and standard adjustable use a pipe wrench on inlet housing.

VIKING DRY SPRINKLER ORDER FORM

Customer: _____

Ship to: _____

Date: _____

PO#/Job: _____

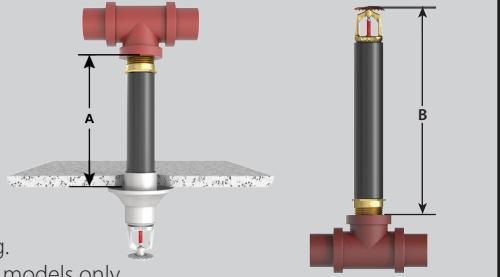
Dry sprinklers are custom made and NOT RETURNABLE.

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 <input type="checkbox"/> VK154 (SR) <input type="checkbox"/> VK163 (SR LO) <input type="checkbox"/> VK176 (QR) <input type="checkbox"/> VK177 (QR LO) <input type="checkbox"/> VK286 (QR LO*) *Fusible Link 165° 205° 280° (Circle temp)	ELO Pendent <input type="checkbox"/> VK546 (SR ELO)* <input type="checkbox"/> 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 <input type="checkbox"/> VK156 (SR) <input type="checkbox"/> VK2523 (SR OH) <input type="checkbox"/> VK178 (QR) <input type="checkbox"/> VK2773 (QR OH) <input type="checkbox"/> VK2883 (QR OH*) *Fusible Link 165° 205° 280° (Circle temp)	Vertical Sidewall <input type="checkbox"/> VK 157 (SR)* *Available in Chrome only 	Finish <input type="checkbox"/> Chrome (F) <input type="checkbox"/> White (M) <input type="checkbox"/> White w/chrome escutcheon & sleeve (MF) <input type="checkbox"/> ENT (JN) Temperature <input type="checkbox"/> 155°F (68°C) (B) <input type="checkbox"/> 175°F (79°C) (D) <input type="checkbox"/> 200 °F (93°C) (E) <input type="checkbox"/> 286°F (141°C) (G)	Pendent <input type="checkbox"/> VK482 (QR) 	Finish <input type="checkbox"/> White Polyester (M-/W)
	Lengths in 1/2" increments						

Recessed Adjustable	Pendent <input type="checkbox"/> VK158 (SR) <input type="checkbox"/> VK164 (SR LO) <input type="checkbox"/> VK186 (SR**) <input type="checkbox"/> VK169 (SR***) <input type="checkbox"/> VK180 (QR) <input type="checkbox"/> VK181 (QR LO) <input type="checkbox"/> VK186 (QR**) <input type="checkbox"/> VK290 (QR LO*) *Fusible Link 165° 205° **Ext. Coverage 155° 175° (Circle temp) ***Stainless Steel 	ELO Pendent <input type="checkbox"/> VK545 (SR ELO)* <input type="checkbox"/> 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 <input type="checkbox"/> VK162 (SR) <input type="checkbox"/> VK2543 (SR OH) <input type="checkbox"/> VK188 (SR**) <input type="checkbox"/> VK182 (QR) <input type="checkbox"/> VK2793 (QR OH) <input type="checkbox"/> VK188 (QR**) <input type="checkbox"/> VK2923 (QR OH*) *Fusible Link 165° 205° **Ext. Coverage 155° 175° (Circle temp) 	Vertical Sidewall <input type="checkbox"/> VK161 (SR) 	Finish <input type="checkbox"/> Chrome (F) <input type="checkbox"/> White (M) <input type="checkbox"/> ENT (JN) Temperature <input type="checkbox"/> 155°F (68°C) (B) <input type="checkbox"/> 175°F (79°C) (D) <input type="checkbox"/> 200 °F (93°C) (E)	Pendent <input type="checkbox"/> VK190 (SR) <input type="checkbox"/> VK192 (SR LO) <input type="checkbox"/> VK196 (SR**) <input type="checkbox"/> VK194 (QR) <input type="checkbox"/> VK196 (QR***) **SR Ext Cov 155° ***QR Ext Cov 135° 155° 175° (Circle temp) 	Finish <input type="checkbox"/> Chrome (F) <input type="checkbox"/> White (M) <input type="checkbox"/> Ivory (M-/I) <input type="checkbox"/> Black (M-/B)
	Lengths in 1/4" increments						

Plain Barrel	Pendent <input type="checkbox"/> VK150 (SR) <input type="checkbox"/> VK166 (SR LO) <input type="checkbox"/> VK168 (SR**) <input type="checkbox"/> VK172 (QR) <input type="checkbox"/> VK173 (QR LO) <input type="checkbox"/> VK282 (QR LO*) *Fusible Link 165° 205° 280° (Circle temp) **Stainless Steel 	ELO Pendent <input type="checkbox"/> VK544 (SR ELO)* <input type="checkbox"/> 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 <input type="checkbox"/> VK152 (SR) <input type="checkbox"/> VK2503 (SR OH) <input type="checkbox"/> VK174 (QR) <input type="checkbox"/> VK2753 (QR OH) <input type="checkbox"/> VK2843 (QR OH*) *Fusible Link (165°, 205°, 280°) (Circle temp) 	Vertical Sidewall <input type="checkbox"/> VK153 (SR) 	Upright <input type="checkbox"/> VK160 (SR)* <input type="checkbox"/> VK184 (QR)* *Available in Brass only 	Finish <input type="checkbox"/> Chrome (F) <input type="checkbox"/> Brass (A) <input type="checkbox"/> ENT (JN) Temperatures <input type="checkbox"/> 155°F (68°C) (B) <input type="checkbox"/> 175°F (79°C) (D) <input type="checkbox"/> 200 °F (93°C) (E) <input type="checkbox"/> 286°F (141°C) (G)	A or B Dim: Qty:
	Lengths in 1/2" increments						Lengths in 1/4" increments

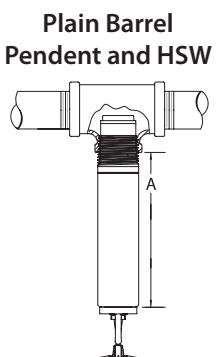
Determining A and B Dimensions

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.

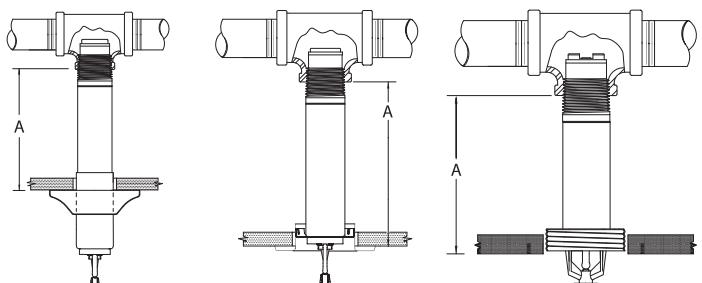
Authorized by: _____
(Customer Signature)

For "A" Dimension:

1. Determine distance from face of the tee to the base of the sprinkler.
 2. Round up to next highest $\frac{1}{2}$ " (13 mm) increment between 3" (76 mm) and 47" (1194 mm).



Standard Adjustable, Recessed Adjustable, Domed Concealed Pendent and HSW

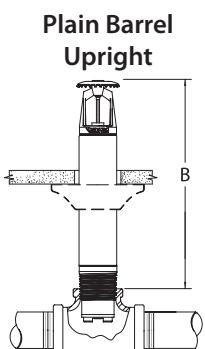


For "A" Dimension:

1. Determine the distance from the face of tee to the surface of finished ceiling or wall.
 - 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:

1. Determine the distance from the face of the tee to the top of the sprinkler deflector.
 2. Round to the nearest $\frac{1}{2}$ " (13 mm) increment between 4- $\frac{1}{2}$ " and 48- $\frac{1}{2}$ " (114 mm and 1232 mm)





Section H **Sprinkler Accessories**

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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 20, 2020. Supersedes January 2019 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® is a registered trademark of The Viking Corporation.

Horizon® is a registered trademark of The Viking Corporation.

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	\$39.23
Polished Chrome	1/2"	06419AF	V200	\$8.28
White	1/2"	06419AM/W	V200	\$8.28
Black	1/2"	06419AM/B	V201	\$17.15
Bright Brass	3/4"	20369B	V201	\$39.23
Polished Chrome	3/4"	20369F	V200	\$8.31
White	3/4"	20369M/W	V200	\$8.31
Black	3/4"	20369M/B	V201	\$17.15
Polished Chrome	3/8"	11123F	V200	\$8.31
White	3/8"	11123M/W	V200	\$8.31
Stainless Steel				
Polished Chrome	1/2"	07902F	V201	\$33.72
White	1/2"	07902M/W	V201	\$33.72
Nickel PTFE (ENT)	1/2"	07902JN	V188.A	\$64.59
Polished Chrome	3/4"	20123F	V201	\$33.72
White	3/4"	20123M/W	V201	\$33.72
Nickel PTFE (ENT)	3/4"	20123JN	V188.A	\$64.59

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	\$8.31
White	1/2"	11038M/W	V200	\$8.31
Black	1/2"	11038M/B	V200	\$13.80
Polished Chrome	3/4"	20130F	V200	\$8.31
White	3/4"	20130M/W	V200	\$8.31
Black	3/4"	20130M/B	V200	\$10.58
Model E-3 (thread-on)				
For use in seismic areas (OD = 5-1/8" / 130 mm)				
Polished Chrome	1/2"	18347F	V200	\$24.29
White	1/2"	18347M/W	V200	\$24.29
Polished Chrome	3/4"	20135F	V201	\$17.15
White	3/4"	20135M/W	V200	\$25.82

Recessed Escutcheons -- XT1 Sprinklers

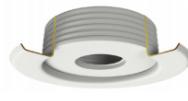


Recessed Escutcheon

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	\$39.23
Polished Chrome	1/2"	22066F	V200	\$8.28
White	1/2"	22066M/W	V200	\$8.28
Black	1/2"	22066M/B	V201	\$17.15
Bright Brass	3/4"	22071B	V201	\$39.23
Polished Chrome	3/4"	22071F	V200	\$8.31
White	3/4"	22071M/W	V200	\$8.31
Black	3/4"	22071M/B	V201	\$17.15
Stainless Steel				
Polished Chrome	1/2"	22076F	V201	\$33.72
White	1/2"	22076M/W	V201	\$33.72
Nickel PTFE (ENT)	1/2"	22076JN	V188.A	\$64.59
Polished Chrome	3/4"	22077F	V201	\$33.72
White	3/4"	22077M/W	V201	\$33.72
Nickel PTFE (ENT)	3/4"	22077JN	V188.A	\$64.59



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	\$8.31
White	1/2"	22067M/W	V200	\$8.31
Polished Chrome	3/4"	22072F	V200	\$8.31
White	3/4"	22072M/W	V200	\$8.31



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	\$24.29
White	1/2"	22068M/W	V200	\$24.29
Polished Chrome	3/4"	22073F	V200	\$17.15
White	3/4"	22073M/W	V200	\$17.15

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	\$27.20
Polished Chrome	1/2"	02960AF	V202	\$5.43
White	1/2"	02960AM/W	V202	\$5.43
Black	1/2"	02960AM/B	V202	\$10.76
Bright Brass	3/4"	05464AB	V202	\$33.02
Polished Chrome	3/4"	05464AF	V202	\$5.43
White	3/4"	05464AM/W	V202	\$5.43
Stainless Steel				
Polished Chrome	1/2"	07526F	V201	\$16.58
White	1/2"	07526M/W	V201	\$16.58
Nickel PTFE (ENT)	1/2"	07526JN	V188.A	\$37.98
Polished Chrome	3/4"	09596F	V201	\$18.69
White	3/4"	09596M/W	V201	\$18.14
Nickel PTFE (ENT)	3/4"	09596JN	V188.A	\$37.98



Standard Flat Escutcheon

Surface-Mounted
(OD = 3-5/16" / 84 mm)

Finish	Size	Part #	IPG	List Price
Bright Brass	1/2"	01960AB	V202	\$7.60
Polished Chrome	1/2"	01960AF	V202	\$7.60
Polished Chrome	3/4"	01015AF	V202	\$10.32
Stainless Steel				
Polished Chrome	1/2"	09488F	V201	\$20.38
Nickel PTFE (ENT)	1/2"	09488JN	V188.A	\$37.68



Std Raised Escutcheon

Surface-Mounted
(OD = 3-1/16" / 78 mm)

Polished Chrome	1/2"	01961BF	V202	\$9.66
Polished Chrome	3/4"	01016AF	V202	\$9.66

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	\$5.74
White	05459AM/W	V204	\$5.74
For stainless steel recessed adjustable dry pendent			
Polished Chrome	07529F	V204	\$13.81



Dry Sprinkler Escutcheon

(included with dry sprinkler)

For standard adjustable pendent

Finish	Part #	IPG	List Price
Polished Chrome	07741F	V204	\$7.90
White	07741M/W	V204	\$7.90
For standard adjustable dry sidewall sprinklers			
Polished Chrome	08086F	V204	\$7.90
White	08086M/W	V204	\$7.90

Additional Escutcheons



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	\$145.36
Polished Chrome	1/2"	14315F	V203	\$145.36
White	1/2"	14315M/W	V203	\$145.36
Black	1/2"	14315M/B	V203	\$145.36
Bright Brass	3/4"	20133B	V200	\$145.36
Polished Chrome	3/4"	20133F	V200	\$145.36
White	3/4"	20133M/W	V200	\$145.36
Black	3/4"	20133M/B	V203	\$145.36

Sprinkler Tools and Accessories

Cabinet Wrench and Protective Cap Removal Tool



Residential	Commercial	ELO Cncld
13619	14031	15466
\$30.63	\$30.63	\$30.63

RED COLOR

* item price group V205

Cover Plate Installation Tools



Standard Cover	Large Cover
14412	14867
\$13.50	\$13.50

* 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

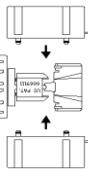
Finish	Size	Part #	IPG	List Price
<i>Use with E1, E2, and F1 escutcheons</i>				
Polished Chrome	5" OD	12620F	V205	\$3.89
Painted White	5" OD	12620M/W	V205	\$3.89
Painted Black	5" OD	12620M/B	V205	\$6.33
Painted Ivory	5" OD	12620M/SW16	V205	\$6.33
Bright Brass	5" OD	12620B	V205	\$15.14
Brushed Chrome	5" OD	12620F/B	V205	\$15.14
Brushed Copper	5" OD	12620E/B	V205	\$15.14
Brushed Brass	5" OD	12620B/B	V205	\$15.14
<i>Use with domed concealed sprinklers</i>				
Polished Chrome	5" OD	13128F	V205	\$3.89
White	5" OD	13128M/W	V205	\$3.89



Dry Sprinkler Insulating Boot Assembly

OD = 6" / 152 mm

Finish	Size	Part #	IPG	List Price
White	6" OD	22087M/W	V205	\$48.77



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	\$4.56



Inspector's Test Orifice (Brass)

Size	Part #	IPG	List Price
1/2 in (5.6 K factor)	01120A	V205	\$10.12
3/4 in (8.0 K factor)	07116	V205	\$15.19

Model E-1 Escutcheon Installation Tool

(also removes protective caps - commercial and residential recessed frame style sprinklers)



Part #	List Price
15915	\$66.46

* item price group V205



Residential Sprinkler Extensions (brass)

Size	Part #	IPG	List Price
1 in (25.4 mm) - Brass	14959	V205	\$11.65
1-1/8 in (28.6 mm) - Brass	14960	V205	\$12.75
1-1/4 in (31.8 mm) - Brass	14961	V205	\$14.31



Sprinkler Head Cabinets

Red Lacquer Finish

OD = 6" / 152 mm

Capacity	Part #	IPG	List Price
<i>Use with Viking frame-style sprinklers</i>			
6 head capacity	01724A	V205	\$195.49
<i>Use with Viking frame-style, K14 ESFR, and K16.8 pendent sprinklers (K25.2 EC sprinkler @ six head capacity)</i>			
12 head capacity	01725A	V205	\$207.11
<i>Use with Viking concealed, flush-style, K25 ESFR, and K19.6 CMSA sprinklers</i>			
5-6 head capacity	01731A	V205	\$285.51
<i>ESFR upright, High-Challenge, & intermediate level spk</i>			
6 head capacity	03985A	V205	\$504.17

Plastic Protective Cap

(fits all recessed sprinklers)

Description	Part #	IPG	List Price
Protective Cap	10364	V205	\$0.85

Corroproof Wax

Wax Temperature	Part #	IPG	Price/Lb.
165°F / 74°C	02568A	V205	\$97.35
175°F / 79°C	04146A	V205	\$97.35
200°F / 93°C	04146A	V205	\$97.35
220°F / 104°C	02569A	V205	\$97.35

Sprinkler Guards and Water Shields

Model F-1 Pendent Water Shield (chrome)



Size	Part #	List Price
1/2"	10323	\$4.99
3/4"	10324	\$4.99

Stainless Steel

1/2"	14683	\$13.39
3/4"	14684	\$13.39

* Use alone or with sprinkler guard

IPG V206

Model E-1 Upright Water Shield (chrome)



Size	Part #	List Price
1/2"	10326	\$4.99
3/4"	10326	\$4.99

Stainless Steel

1/2"	14682	\$13.39
3/4"	14682	\$13.39

* Use with Model D-1 sprinkler guard

IPG V206

Model D-1 Upright/Pendent Guard (chrome)



Size	Part #	List Price
1/2"	10325	\$10.68
3/4"	10325	\$10.68

Stainless Steel

1/2"	12198	\$59.94
3/4"	12198	\$59.94

IPG V206

Model D-1 ELO Upright/Pendent Guard (chrome)



Size	Part #	List Price
3/4"	20418	\$10.68

IPG V206

Model A-1 Sprinkler Guard



Size	Part #	List Price
1/2"	05446A	\$10.68
3/4"	21934	\$10.80

bright zinc

IPG V206

Model B-1 Upright Water Shield & Guard Assembly



Size	Part #	List Price
1/2"	05866A	\$15.67

bright zinc

IPG V206

Model C-1 Pendent Water Shield



Size	Part #	List Price
1/2"	06467B	\$4.99
3/4"	06656B	\$4.99

bright zinc

IPG V206

Model C-1 Sprinkler Guard

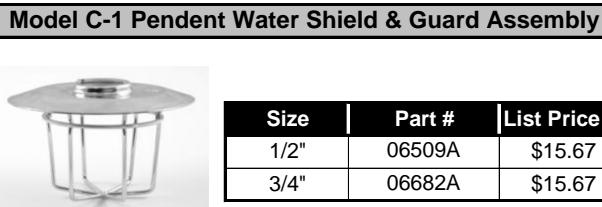


Size	Part #	List Price
1/2" / 3/4"	06471A	\$10.68

* Use with Model C-1 water shield

bright zinc

IPG V206



Size	Part #	List Price
1/2"	06509A	\$15.67
3/4"	06682A	\$15.67

bright zinc

IPG V206



Size	Part #	List Price
-	08954	\$31.78

* Not listed or approved

bright zinc

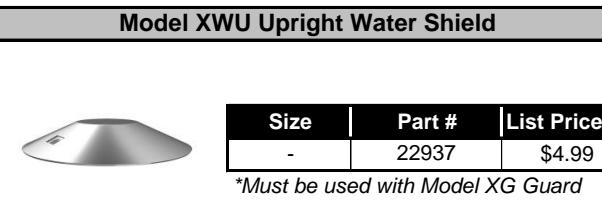
IPG V206

Model XG Sprinkler Guard



Size	Part #	List Price
1/2" / 3/4"	22931	\$10.68

IPG V206

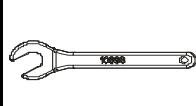
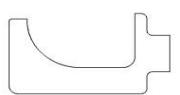
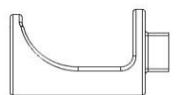
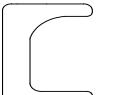
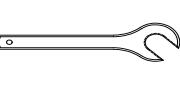
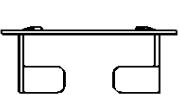


Size	Part #	List Price
-	22937	\$4.99

* Must be used with Model XG Guard

IPG V206

Sprinkler Wrenches

	Use w/ frame-style sprinklers and spray nozzles	Part # 21475M/B List \$77.63		Use with wax coated frame-style sprinklers and spray nozzles	Part # 10896W/B List \$77.63
	Use VK480 (residential) and VK680 (EC commercial) flat plate concealed HSW sprinklers	Part # 16208W/R List \$149.61		Use w/ Mirage® concealed and flush-style sprinklers	Part # 08336W/B List \$149.61
	Use w/ domed concealed pendent, wax coated, and recessed pendent sprinklers w/ protective shields	Part # 13577W/B List \$149.61		Use w/ Mirage® concealed and flush-style sprinklers	Part # 10366W/B List \$35.38
	Use w/ recessed sprinklers with protective shields and domed concealed sprinklers	Part # 13655W/B List \$149.61		Use w/ Freedom® residential concealed pendent sprinklers (VK456, VK474)	Part # 13623W/B List \$149.61
	Use w/ coated, recessed, and domed concealed ELO sprinklers	Part # 11663W/B List \$149.61		Use w/ Freedom® residential concealed pendent sprinklers (VK456, VK474)	Part # 13619 List \$30.63
	Use w/ High Challenge®, upright ESFR, and ELO sprinklers	Part # 05118CW/B List \$149.61		Use w/ Mirage® commercial concealed pendent sprinklers	Part # 14047W/B List \$149.61
	Use w/ coated and recessed K14 ECOH sprinklers	Part # 13032W/B List \$149.61		Use w/ Mirage® commercial concealed pendent sprinklers	Part # 14031 List \$30.63
	Use w/ standard adjustable and plain barrel dry sprinklers, K16.8 and K14 ECOH sprinklers	Part # 07297W/B List \$116.56		Use with Mirage® ELO K11.2 commercial concealed pendent sprinklers	Part # 15467W/B List \$149.61
	Use w/ ESFR and CMSA pendent storage sprinklers	Part # 13635W/B List \$140.32		Use with Mirage® ELO K11.2 commercial concealed pendent sprinklers	Part # 15466 List \$30.63
	Use w/ institutional flush sprinklers (for installation of escutcheon plate)	Part # 10551W/B List \$51.08		Use w/ VK476 Freedom® residential flush-style pendent sprinkler	Part # 15209W/R List \$149.61
	Use w/ institutional flush sprinklers (for removal of escutcheon plate)	Part # 10729 List \$178.58		Use w/ recessed and domed concealed dry sprinklers	Part # 07565W/B List \$149.61

* 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 \$77.63		Cabinet wrench for use with new XT1 frame-style sprinklers	Part # 20901M/B List \$77.63
	Straight Wrench for XT1 frame-style sprinklers	Part # 22940MB List \$77.63		XT1 Sprinkler Guard Wrench (red)	Part # 22927MR List \$95.24
	Recessed socket wrench for use with XT1 frame-style sprinklers	Part # 20951M/B List \$149.61			

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	23190FA	V208	\$94.24
Polished Chrome	165°F	23190FC	V208	\$94.24
White	135°F	23190MA/W	V208	\$35.95
White	165°F	23190MC/W	V208	\$35.95
Ivory	135°F	23190MA/I	V209	\$44.98
Ivory	165°F	23190MC/I	V209	\$44.98
Black	135°F	23190MA/B	V209	\$44.98
Black	165°F	23190MC/B	V209	\$44.98
Bright Brass	135°F	23190BA	V209	\$44.98
Bright Brass	165°F	23190BC	V209	\$44.98
Brushed Brass	135°F	23190BA/B	V209	\$44.98
Brushed Brass	165°F	23190BC/B	V209	\$44.98
Antique Brass	135°F	23190BA/A	V209	\$44.98
Antique Brass	165°F	23190BC/A	V209	\$44.98
Brushed Copper	135°F	23190EA/B	V209	\$44.98
Brushed Copper	165°F	23190EC/B	V209	\$44.98
Brushed Chrome	135°F	23190FA/B	V209	\$44.98
Brushed Chrome	165°F	23190FC/B	V209	\$44.98

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	23179FA	V210	\$61.87
Polished Chrome	165°F	23179FC	V210	\$61.87
White	135°F	23179MA/W	V210	\$59.39
White	165°F	23179MC/W	V210	\$59.39
Ivory	135°F	23179MA/I	V210	\$59.39
Ivory	165°F	23179MC/I	V210	\$59.39
Black	135°F	23179MA/B	V210	\$59.39
Black	165°F	23179MC/B	V210	\$59.39
Bright Brass	135°F	23179BA	V210	\$72.43
Bright Brass	165°F	23179BC	V210	\$72.43
Brushed Brass	135°F	23179BA/B	V210	\$72.43
Brushed Brass	165°F	23179BC/B	V210	\$72.43
Antique Brass	135°F	23179BA/A	V210	\$72.43
Antique Brass	165°F	23179BC/A	V210	\$72.43
Brushed Copper	135°F	23179EA/B	V210	\$72.43
Brushed Copper	165°F	23179EC/B	V210	\$72.43
Brushed Chrome	135°F	23179FA/B	V210	\$72.43
Brushed Chrome	165°F	23179FC/B	V210	\$72.43

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

Large Cover Plate

Diameter = 3-5/16 inches



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

Finish	Temp	Part #	IPG	List
Polished Chrome	135°F	23174FA	V208	\$94.24
Polished Chrome	165°F	23174FC	V208	\$94.24
White	135°F	23174MA/W	V208	\$35.95
White	165°F	23174MC/W	V208	\$35.95
Ivory	135°F	23174MA/I	V209	\$44.98
Ivory	165°F	23174MC/I	V209	\$44.98
Black	135°F	23174MA/B	V209	\$44.98
Black	165°F	23174MC/B	V209	\$44.98
Bright Brass	135°F	23174BA	V209	\$44.98
Bright Brass	165°F	23174BC	V209	\$44.98
Brushed Brass	135°F	23174BA/B	V209	\$44.98
Brushed Brass	165°F	23174BC/B	V209	\$44.98
Antique Brass	135°F	23174BA/A	V209	\$44.98
Antique Brass	165°F	23174BC/A	V209	\$44.98
Brushed Copper	135°F	23174EA/B	V209	\$44.98
Brushed Copper	165°F	23174EC/B	V209	\$44.98
Brushed Chrome	135°F	23174FA/B	V209	\$44.98
Brushed Chrome	165°F	23174FC/B	V209	\$44.98

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	\$94.24
Polished Chrome	165°F	15765FC	V208	\$94.24
White	135°F	15765MA/W	V208	\$35.95
White	165°F	15765MC/W	V208	\$35.95
Ivory	135°F	15765MA/I	V209	\$44.98
Ivory	165°F	15765MC/I	V209	\$44.98
Black	135°F	15765MA/B	V209	\$44.98
Black	165°F	15765MC/B	V209	\$44.98

Finish	Temp	Part #	IPG	List
Polished Chrome	135°F	23174FA/CR	V211	\$93.66
Polished Chrome	165°F	23174FC/CR	V211	\$93.66
White	135°F	23174MA/W/CR	V211	\$93.66
White	165°F	23174MC/W/CR	V211	\$93.66
Ivory	135°F	23174MA/I/CR	V211	\$93.66
Ivory	165°F	23174MC/I/CR	V211	\$93.66
Black	135°F	23174MA/B/CR	V211	\$93.66
Black	165°F	23174MC/B/CR	V211	\$93.66

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	\$44.03
Chrome	165°F	12381FC	V214	\$44.03
Painted White	135°F	12381MA/W	V214	\$44.03
Painted White	165°F	12381MC/W	V214	\$44.03
Painted Ivory	135°F	12381MA/I	V214	\$55.94
Painted Ivory	165°F	12381MC/I	V214	\$55.94
Painted Black	135°F	12381MA/B	V214	\$55.94
Painted Black	165°F	12381MC/B	V214	\$55.94
Bright Brass	135°F	12381BA	V214	\$55.94
Bright Brass	165°F	12381BC	V214	\$55.94

Domed Cover - SIDEWALL

For use with VK630-D
ECLH sidewall sprinkler



Finish	Temp	Part #	IPG	List
Chrome	135°F	13501FA	V214	\$44.03
Chrome	165°F	13501FC	V214	\$44.03
Painted White	135°F	13501MA/W	V214	\$44.03
Painted White	165°F	13501MC/W	V214	\$44.03
Painted Ivory	135°F	13501MA/I	V214	\$55.94
Painted Ivory	165°F	13501MC/I	V214	\$55.94
Painted Black	135°F	13501MA/B	V214	\$55.94
Painted Black	165°F	13501MC/B	V214	\$55.94

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	\$70.45
Painted White	165°F	09804MC/W	\$70.45
Brushed Chrome	165°F	09804FC/B	\$85.86
Painted Ivory	165°F	09804MC/I	\$85.86
Painted Black	165°F	09804MC/B	\$85.86
Bright Brass	165°F	09804BC	\$85.86

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	\$70.45
Polished Chrome	165°F	11697FC	\$70.45
Painted White	135°F	11697MA/W	\$70.45
Painted White	165°F	11697MC/W	\$70.45
Brushed Chrome	135°F	11697FA/B	\$85.86
Brushed Chrome	165°F	11697FC/B	\$85.86
Painted Ivory	135°F	11697MA/I	\$85.86
Painted Ivory	165°F	11697MC/I	\$85.86
Painted Black	135°F	11697MA/B	\$85.86
Painted Black	165°F	11697MC/B	\$85.86
Bright Brass	135°F	11697BA	\$85.86
Bright Brass	165°F	11697BC	\$85.86

Stainless Steel Cover Plates

Diameter = 2-3/4 "



For use with VK462 and VK494**

Finish	Temp	Part #	IPG	List
Stainless Steel	135°F	23193A	V192	\$130.44
Stainless Steel	165°F	23193C	V192	\$130.44

Diameter = 3-5/16"



For use with VK462 and VK494**

Finish	Temp	Part #	IPG	List
Stainless Steel	135°F	23183A	V192	\$130.44
Stainless Steel	165°F	23183C	V192	\$130.44

For use with VK538

Finish	Temp	Part #	IPG	List
Stainless Steel	135°F	21878A	V192	\$130.44
Stainless Steel	165°F	21878C	V192	\$130.44

* 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	\$81.37
White	135°F	12207MA/W	V214	\$44.03
Ivory	135°F	12207MA/I	V214	\$55.94
Black	135°F	12207MA/B	V214	\$55.94
Bright Brass	135°F	12207BA	V214	\$55.94
Brushed Brass	135°F	12207BA/B	V214	\$55.94
Antique Brass	135°F	12207BA/A	V214	\$55.94
Antique Copper	135°F	12207EA/B	V214	\$55.94

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	\$41.83
Ivory	135°F	16207MA/I	V213	\$50.28
Black	135°F	16207MA/B	V213	\$50.28
Cover Installation Tool	14867		V205	\$13.50

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 Pendent Sprinkler

*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	\$15.49
RAL9010 / Pure White	16580M/RAL9010	V185	\$15.49

Ceiling Ring' for Model H-1 Flush Sprinkler

Outside Diameter = 2-11/16 inches

Finish	Type	Part #	IPG	List Price
Chrome	Push	07027F	V185	\$8.76
Chrome	Thread	06919BF	V128	\$8.53
Painted White	Push	07027M/W	V185	\$9.21
Painted White	Thread	06919BM/W	V128	\$8.94
Outside Diameter = 3 in. (push on), 3-1/4 in. (thread on)				
Finish	Type	Part #	IPG	List Price
Chrome	Push	07626F	V185	\$8.94
Chrome	Thread	06905BF	V128	\$14.49
Painted White	Push	07626M/W	V185	\$9.39
Painted White	Thread	06905BM/W	V128	\$14.86

(1) Ceiling rings for Horizon Model H-1 flush pendent sprinklers (VK402) are sold separately.



Sprinkler Selector | Viking Sprinklers to fit Your Needs

Our "Sprinkler Selector" makes searching for a sprinkler to fit your needs seamless with this online tool.

Optimized for mobile, tablets, and computers, the Sprinkler Selector filters through Viking's complete sprinkler inventory based on application, temperature rating, K-Factors, and more.

Visit webtools.vikingcorp.com/sprinklerselector to find the right sprinkler for your job.



Section I
Spray Nozzles

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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 20, 2020. Supersedes January 2019 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 Suffix¹			A	J
MODEL E SPRAY NOZZLE				
VK810				
K=7.2 (10,4)	65°	12867	\$135.80	\$194.04
K=5.6 (8,1)	65°	12868	\$135.80	\$194.04
K=4.1 (5,9)	65°	12869	\$135.80	\$194.04
K=3.2 (4,6)	65°	12870	\$135.80	\$194.04
K=2.3 (3,3)	65°	12871	\$135.80	\$194.04
K=1.8 (2,6)	65°	12872	\$135.80	\$194.04
K=1.2 (1,7)	65°	12873	\$135.80	\$194.04
VK811				
K=7.2 (10,4)	80°	12874	\$135.80	\$194.04
K=5.6 (8,1)	80°	12875	\$135.80	\$194.04
K=4.1 (5,9)	80°	12876	\$135.80	\$194.04
K=3.2 (4,6)	80°	12877	\$135.80	\$194.04
K=2.3 (3,3)	80°	12878	\$135.80	\$194.04
K=1.8 (2,6)	80°	12879	\$135.80	\$194.04
K=1.2 (1,7)	80°	12880	\$135.80	\$194.04
VK812				
K=7.2 (10,4)	95°	12881	\$135.80	\$194.04
K=5.6 (8,1)	95°	12882	\$135.80	\$194.04
K=4.1 (5,9)	95°	12883	\$135.80	\$194.04
K=3.2 (4,6)	95°	12884	\$135.80	\$194.04
K=2.3 (3,3)	95°	12885	\$135.80	\$194.04
K=1.8 (2,6)	95°	12886	\$135.80	\$194.04
K=1.2 (1,7)	95°	12887	\$135.80	\$194.04
VK813				
K=7.2 (10,4)	110°	12888	\$135.80	\$194.04
K=5.6 (8,1)	110°	12889	\$135.80	\$194.04
K=4.1 (5,9)	110°	12890	\$135.80	\$194.04
K=3.2 (4,6)	110°	12891	\$135.80	\$194.04
K=2.3 (3,3)	110°	12892	\$135.80	\$194.04
K=1.8 (2,6)	110°	12893	\$135.80	\$194.04
K=1.2 (1,7)	110°	12894	\$135.80	\$194.04
VK814				
K=7.2 (10,4)	125°	12895	\$135.80	\$194.04
K=5.6 (8,1)	125°	12896	\$135.80	\$194.04
K=4.1 (5,9)	125°	12897	\$135.80	\$194.04
K=3.2 (4,6)	125°	12898	\$135.80	\$194.04
K=2.3 (3,3)	125°	12899	\$135.80	\$194.04
K=1.8 (2,6)	125°	12900	\$135.80	\$194.04
K=1.2 (1,7)	125°	12901	\$135.80	\$194.04
VK815				
K=7.2 (10,4)	140°	12902	\$135.80	\$194.04
K=5.6 (8,1)	140°	12903	\$135.80	\$194.04
K=4.1 (5,9)	140°	12904	\$135.80	\$194.04
K=3.2 (4,6)	140°	12905	\$135.80	\$194.04
K=2.3 (3,3)	140°	12906	\$135.80	\$194.04
K=1.8 (2,6)	140°	12907	\$135.80	\$194.04
K=1.2 (1,7)	140°	12908	\$135.80	\$194.04
VK816				
K=7.2 (10,4)	160°	12909	\$135.80	\$194.04
K=5.6 (8,1)	160°	12910	\$135.80	\$194.04
K=4.1 (5,9)	160°	12911	\$135.80	\$194.04
K=3.2 (4,6)	160°	12912	\$135.80	\$194.04
K=2.3 (3,3)	160°	12913	\$135.80	\$194.04
K=1.8 (2,6)	160°	12914	\$135.80	\$194.04
K=1.2 (1,7)	160°	12915	\$135.80	\$194.04
VK817				
K=7.2 (10,4)	180°	12916	\$135.80	\$194.04
K=5.6 (8,1)	180°	12917	\$135.80	\$194.04
K=4.1 (5,9)	180°	12918	\$135.80	\$194.04
K=3.2 (4,6)	180°	12919	\$135.80	\$194.04
K=2.3 (3,3)	180°	12920	\$135.80	\$194.04
K=1.8 (2,6)	180°	12921	\$135.80	\$194.04
K=1.2 (1,7)	180°	12922	\$135.80	\$194.04
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	\$28.81
	1.8K	13161	\$28.81
	2.3K	13161	\$28.81
	3.2K	13159	\$28.81
	4.1K	13160	\$28.81
	5.6K	13161	\$28.81
	7.2K	13162	\$28.81
IPG V216			
LOW PRESSURE MODEL EM SPRAY NOZZLE¹ VdS Approved	Spray Angle		LIST PRICE (each)
	A		Brass
	J		Nickel
K=0.8 (12 LPM/Bar ^{1/2})	125°	13633	\$154.32
K=0.5 (7 LPM/Bar ^{1/2})	95°	13872	\$154.32
OPEN=Z			
DUST COVER MODEL EM SPRAY NOZZLE	Stainless Steel	13632	LIST PRICE (each)
IPG V216			
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	\$85.44
K=2.1 (3,0)	VK791	01321BA	\$85.44
K=3.0 (4,3)	VK792	01322BA	\$85.44
K=4.3 (6,2)	VK793	01323BA	\$85.44
K=5.8 (8,4)	VK794	01324BA	\$90.70
	Thread 3/4" NPT		
K=7.3 (10,5)	VK795	01325BA	\$94.56
K=8.1 (11,7)	VK796	01326BA	\$94.56
Chrome	Thread 1/2" NPT		
K=1.5 (2,1)	VK790	01320BF	\$98.05
K=2.1 (3,0)	VK791	01321BF	\$98.05
K=3.0 (4,3)	VK792	01322BF	\$98.05
K=4.3 (6,2)	VK793	01323BF	\$98.05
K=5.8 (8,4)	VK794	01324BF	\$102.19
	Thread 3/4" NPT		
K=7.3 (10,5)	VK795	01325BF	\$107.14
K=8.1 (11,7)	VK796	01326BF	\$107.14
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 NOZZLE²				
Complete with body and insert 1/2" / 15mm				
<u>Model A2</u>				
K=1.2 (1,7)	30°	VK740	05133AAJ	\$166.36
K=1.2 (1,7)	60°	VK741	05133AAK	\$166.36
K=1.2 (1,7)	90°	VK742	15581AL	\$166.36
K=1.4 (2,0)	120°	VK743	15581AM	\$166.36
K=1.4 (2,0)	140°	VK744	05133AAN	\$166.36
<u>Model A2X</u>				
K=2.0 (2,9)	30°	VK750	05134AAJ	\$166.36
K=2.0 (2,9)	60°	VK751	05134AAK	\$166.36
K=2.0 (2,9)	90°	VK752	05134AAL	\$166.36
K=2.2 (3,2)	120°	VK753	05134AAM	\$166.36
K=2.2 (3,2)	140°	VK754	05134AAN	\$166.36
<u>Model B2</u>				
K=2.8 (4,0)	30°	VK760	05135AAJ	\$166.36
K=2.8 (4,0)	60°	VK761	05135AAK	\$166.36
K=2.8 (4,0)	90°	VK762	05135AAL	\$166.36
K=3.3 (4,8)	120°	VK763	05135AAM	\$166.36
K=3.3 (4,8)	140°	VK764	05135AAN	\$166.36
<u>Model C2</u>				
K=3.3 (4,9)	30°	VK770	19505AJ	\$227.54
K=3.3 (4,9)	60°	VK771	19505AK	\$232.26
K=3.8 (5,5)	90°	VK772	19505AL	\$228.55
K=3.7 (5,6)	120°	VK773	19505AM	\$228.32
K=3.7 (5,6)	140°	VK774	19505AN	\$231.23
<u>Model D2</u>				
K=4.3 (6,8)	30°	VK780	19506AJ	\$216.06
K=4.8 (6,8)	60°	VK781	19506AK	\$220.54
K=5.0 (7,2)	90°	VK782	19506AL	\$217.02
K=4.9 (7,5)	120°	VK783	19506AM	\$216.80
K=4.9 (7,5)	140°	VK784	19506AN	\$219.56
Nickel				
<u>Model A2</u>				
K=1.2 (1,7)	30°	VK740	05133AJJ	\$215.87
K=1.2 (1,7)	60°	VK741	05133AJK	\$215.87
K=1.2 (1,7)	90°	VK742	05133AJL	\$215.87
K=1.4 (2,0)	120°	VK743	05133AJM	\$215.87
K=1.4 (2,0)	140°	VK744	05133AJN	\$215.87
<u>Model A2X</u>				
K=2.0 (2,9)	30°	VK750	05134AJJ	\$215.87
K=2.0 (2,9)	60°	VK751	05134AJK	\$215.87
K=2.0 (2,9)	90°	VK752	05134AJL	\$215.87
K=2.2 (3,2)	120°	VK753	05134AJM	\$215.87
K=2.2 (3,2)	140°	VK754	05134AJN	\$215.87
<u>Model B2</u>				
K=2.8 (4,0)	30°	VK760	05135AJJ	\$215.87
K=2.8 (4,0)	60°	VK761	05135AJK	\$215.87
K=2.8 (4,0)	90°	VK762	05135AJL	\$215.87
K=3.3 (4,8)	120°	VK763	05135AJM	\$215.87
K=3.3 (4,8)	140°	VK764	05135AJN	\$215.87
<u>Model C2</u>				
K=3.3 (4,9)	30°	VK770	19505JJ	\$321.81
K=3.3 (4,9)	60°	VK771	19505JK	\$326.53
K=3.8 (5,5)	90°	VK772	19505JL	\$322.84
K=3.7 (5,6)	120°	VK773	19505JM	\$322.59
K=3.7 (5,6)	140°	VK774	19505JN	\$325.50
<u>Model D2</u>				
K=4.3 (6,8)	30°	VK780	19506JJ	\$305.57
K=4.8 (6,8)	60°	VK781	19506JK	\$310.06
K=5.0 (7,2)	90°	VK782	19506JL	\$306.55
K=4.9 (7,5)	120°	VK783	19506JM	\$306.32
K=4.9 (7,5)	140°	VK784	19506JN	\$309.08

DESCRIPTION	SPRAY ANGLE	PART NUMBER	LIST PRICE (ea)	
			Brass	Black PTFE
Finish Suffix ³			A	N
FRAME STYLE SPRAY NOZZLE				
1/2" / 15mm	K=5.6 (81)			
	60°	21365	\$66.44	\$77.09
	90°	21366	\$66.44	\$77.09
	120°	21367	\$66.44	\$77.09
	150°	21368	\$66.44	\$77.09
7/16" / ---	K=4.2 (60)			
	60°	21369	\$70.42	\$81.73
	90°	21370	\$70.42	\$81.73
	120°	21371	\$70.42	\$81.73
	150°	21372	\$70.42	\$81.73
3/8" / 10mm	K=2.8 (40)			
	60°	21373	\$70.42	\$81.73
	90°	21374	\$70.42	\$81.73
	120°	21375	\$70.42	\$81.73
	150°	21376	\$70.42	\$81.73
5/16" / ---	K=1.9 (27)			
	60°	21377	\$70.42	\$81.73
	90°	21378	\$70.42	\$81.73
	120°	21379	\$70.42	\$81.73
	150°	21380	\$70.42	\$81.73
1/4" / ---	K=1.4 (20)			
	60°	21381	\$70.42	\$81.73
	90°	21382	\$70.42	\$81.73
	120°	21383	\$70.42	\$81.73
	150°	21384	\$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	LIST PRICE (each)	PART NUMBER	LIST PRICE (each)
IPG V219	A2	-	02409A \$2.47
	A2X	-	02409A \$2.47
	B2	-	02409A \$2.47
	C2	-	02410A \$2.47
	D2	-	02410A \$2.47

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.



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 K TotalPac®3 Systems

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Notes

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2. List prices effective January 20, 2020. Supersedes January 2019 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-D) 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.

NEW - TOTALPAC®3 Integrated Fire Protection Systems

Preaction Systems:

SYSTEM TYPE	STYLE	RELEASE	SYSTEM SIZE					
			1½"	2"	3"	4"	6"	8"
PREACTION NON INTERLOCK	Skid Mounted	Electric	T3PNELSK15 \$22,881	T3PNELSK20 \$25,637	T3PNELSK30 \$28,659	T3PNELSK40 \$34,020.80	T3PNELSK60 \$39,803	N/A
		Pneumatic	T3PNPNSK15 \$21,314	T3PNPNSK20 \$23,970	T3PNPNSK30 \$26,987	T3PNPNSK40 \$32,354	T3PNPNSK60 \$38,153	N/A
	Without Panel (Remote)	Electric	T3PNELNP15 \$31,325	T3PNELNP20 \$34,688	T3PNELNP30 \$37,675	T3PNELNP40 \$42,992	T3PNELNP60 \$48,727	T3PNELNP80 \$74,878
		Pneumatic	T3PNPNNP15 \$29,758	T3PNPNNP20 \$32,942	T3PNPNNP30 \$35,991	T3PNPNNP40 \$40,481	T3PNPNNP60 \$46,250	T3PNPNNP80 \$73,330
	With VFR-400 – 120V/60Hz	Electric	T3PNELWP15 \$38,436	T3PNELWP20 \$41,805	T3PNELWP30 \$44,797	T3PNELWP40 \$49,579	T3PNELWP60 \$55,242	T3PNELWP80 \$82,816
	Skid Mounted	Electric	T3PSELSK15 \$20,572	T3PSELSK20 \$23,380	T3PSELSK30 \$26,402	T3PSELSK40 \$31,770	T3PSELSK60 \$37,558	N/A
PREACTION SINGLE INTERLOCK		Pneumatic	T3PSPNSK15 \$20,412	T3PSPNSK20 \$23,481	T3PSPNSK30 \$26,492	T3PSPNSK40 \$31,871	T3PSPNSK60 \$37,659	N/A
Without Panel (Remote)	Electric	T3PSELNP15 \$29,074	T3PSELNP20 \$32,448	T3PSELNP30 \$35,435	T3PSELNP40 \$40,364	T3PSELNP60 \$46,156	T3PSELNP80 \$71,389	
	Pneumatic	T3PSPNNP15 \$29,158	T3PSPNNP20 \$32,482	T3PSPNNP30 \$35,536	T3PSPNNP40 \$40,031	T3PSPNNP60 \$46,600	T3PSPNNP80 \$71,839	
With VFR-400 – 120V/60Hz	Electric	T3PSELWP15 \$35,600	T3PSELWP20 \$38,901	T3PSELWP30 \$42,023	T3PSELWP40 \$45,770	T3PSELWP60 \$52,108	T3PSELWP80 \$79,322	
Skid Mounted	Elect-Pneulect.	T3PDEPSK15 \$20,629	T3PDEPSK20 \$23,379	T3PDEPSK30 \$26,401	T3PDEPSK40 \$31,768	T3PDEPSK60 \$37,562	N/A	
	Elect-Pneum.	T3PDPASK15 \$21,186	T3PDPASK20 \$24,160	T3PDPASK30 \$27,171	T3PDPASK40 \$32,544	T3PDPASK60 \$38,338	N/A	
	Pneum-Pneum.	T3PDPPSK15 \$20,732	T3PDPPSK20 \$24,079	T3PDPPSK30 \$27,084	T3PDPPSK40 \$32,468	T3PDPPSK60 \$38,251	N/A	
PREACTION DOUBLE INTERLOCK Note: NYFD Accepted & FM Approved for use in refrigerated areas only.	Without Panel (Remote)	Elect-Pneulect.	T3PDEPNP15 \$29,072	T3PDEPNP20 \$32,452	T3PDEPNP30 \$35,433	T3PDEPNP40 \$40,446	T3PDEPNP60 \$46,233	T3PDEPNP80 \$71,388
		Elect-Pneum.	T3PDPANP15 \$29,848	T3PDPANP20 \$33,217	T3PDPANP30 \$36,215	T3PDPANP40 \$40,609	T3PDPANP60 \$46,031	T3PDPANP80 \$73,075
		Pneum-Pneum.	T3PDPPNP15 \$29,175	T3PDPPNP20 \$32,128	T3PDPPNP30 \$35,309	T3PDPPNP40 \$39,423	T3PDPPNP60 \$45,582	T3PDPPNP80 \$73,444
	With VFR-400 – 120V/60Hz	Elect-Pneulect.	T3PDEPWP15 \$35,688	T3PDEPWP20 \$38,978	T3PDEPWP30 \$42,089	T3PDEPWP40 \$46,708	T3PDEPWP60 \$52,483	T3PDEPWP80 \$79,326
		Elect-Pneum.	T3PDPAWP15 \$36,148	T3PDPAWP20 \$39,247	T3PDPAWP30 \$42,211	T3PDPAWP40 \$46,493	T3PDPAWP60 \$52,485	T3PDPAWP80 \$80,563

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 \$19,722	T3DEELSK20 \$23,013	T3DEELSK30 \$25,850	T3DEELSK40 \$31,213	T3DEELSK60 \$35,915	N/A
		Pneumatic	T3DEPNSK15 \$19,734	T3DEPNSK20 \$23,108	T3DEPNSK30 \$25,939	T3DEPNSK40 \$31,308	T3DEPNSK60 \$36,010	N/A
		Hydraulic	T3DEHYSK15 \$17,758	T3DEHYSK20 \$20,622	T3DEHYSK30 \$23,453	T3DEHYSK40 \$28,816	T3DEHYSK60 \$33,524	N/A

SYSTEM TYPE	STYLE	RELEASE	SYSTEM SIZE					
			1½"	2"	3"	4"	6"	8"
DELUGE	Without Panel (Remote)	Electric	T3DEELNP15 \$28,746	T3DEELNP20 \$31,924	T3DEELNP30 \$34,804	T3DEELNP40 \$13	T3DEELNP60 \$44,113	T3DEELNP80 \$67,788
		Pneumatic	T3DEPNNP15 \$28,774	T3DEPNNP20 \$31,597	T3DEPNNP30 \$34,595	T3DEPNNP40 \$38,821	T3DEPNNP60 \$44,799	T3DEPNNP80 \$68,266
		Hydraulic	T3DEHYNP15 \$26,366	T3DEHYNP20 \$29,713	T3DEHYNP30 \$32,525	T3DEHYNP40 \$37,551	T3DEHYNP60 \$42,229	T3DEHYNP80 \$67,057
	With VFR-400 – 120V/60Hz	Electric	T3DEELWP15 \$35,339	T3DEELWP20 \$38,146	T3DEELWP30 \$41,026	T3DEELWP40 \$45,770	T3DEELWP60 \$50,448	T3DEELWP80 \$75,721

Wet Pipe Systems:

WET PIPE	Skid Mounted	N/A	N/A	N/A	T3WETESK30 \$13,135	T3WETESK40 \$16,195	T3WETESK60 \$18,266	N/A
	In Cabinet	N/A	N/A	N/A	T3WETENP30 \$22,031	T3WETENP40 \$25,058	T3WETENP60 \$27,106	T3WETENP80 \$34,450
System Options:	Constant Pressure Trim	T3CONPRESS POA			Excess Pressure Pump 1/3 HP (120V/60Hz)		T3WETEPP03 POA	
	Retard Chamber	T3WETRET00 POA			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 \$20,238	T3DRYESK60 \$23,539	N/A
	In Cabinet (Remote)	N/A	N/A	N/A	N/A	T3DRYENP40 \$29,057	T3DRYENP60 \$32,335	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 \$29,079	T3DHPENP20 \$32,838	T3DHPENP30 \$36,286	T3DHPENP40 \$41,367	T3DHPENP60 \$47,875	T3DHPENP80 \$69,119

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 \$28,881	T3FSINSK20 \$33,331	T3FSINSK30 \$36,964	T3FSINSK40 \$43,190	T3FSINSK60 \$50,202	N/A
	Without Panel (Remote)		T3FSINNP15 \$37,454	T3FSINNP20 \$42,298	T3FSINNP30 \$45,913	T3FSINNP40 \$52,082	T3FSINNP60 \$59,026	T3FSINNP80 \$78,845
	With VFR-400 – 120V/60Hz		T3FSINWP15 \$45,308	T3FSINWP20 \$50,366	T3FSINWP30 \$54,386	T3FSINWP40 \$59,846	T3FSINWP60 \$66,182	T3FSINWP80 \$86,359
PREACTION DOUBLE INTERLOCK	Skid Mounted	Firecycle III	T3FDOUSK15 \$28,881	T3FDOUSK20 \$33,331	T3FDOUSK30 \$36,964	T3FDOUSK40 \$43,190	T3FDOUSK60 \$50,202	N/A
	Without Panel (Remote)		T3FDOUNP15 \$37,454	T3FDOUNP20 \$42,298	T3FDOUNP30 \$45,913	T3FDOUNP40 \$52,082	T3FDOUNP60 \$59,026	T3FDOUNP80 \$78,845
	With VFR-400 – 120V/60Hz		T3FDOUWP15 \$45,308	T3FDOUWP20 \$50,366	T3FDOUWP30 \$54,386	T3FDOUWP40 \$59,846	T3FDOUWP60 \$66,182	T3FDOUWP80 \$86,416

SureFire® Fail Safe Preaction Systems:

SYSTEM TYPE	STYLE	RELEASE	SYSTEM SIZE					
			1½"	2"	3"	4"	6"	8"
PREACTION SINGLE INTERLOCK	Skid Mounted	Surefire	T3SFSISK15 \$26,814	T3SFSISK20 \$30,065	T3SFSISK30 \$33,329	T3SFSISK40 \$39,102	T3SFSISK60 \$45,323	N/A
	Without Panel (Remote)		T3SFSINP15 \$35,454	T3SFSINP20 \$39,076	T3SFSINP30 \$42,294	T3SFSINP40 \$48,022	T3SFSINP60 \$54,185	T3SFSINP80 \$76,851
	With VFR-400 - 120V/60Hz		T3SFSIWP15 \$42,588	T3SFSIWP20 \$46,205	T3SFSIWP30 \$49,422	T3SFSIWP40 \$54,784	T3SFSIWP60 \$60,998	T3SFSIWP80 \$83,856
PREACTION DOUBLE INTERLOCK <small>Note: NYFD & FM Approved for use in refrigerated areas only.</small>	Skid Mounted	Surefire	T3SF DOSK15 \$26,814	T3SF DOSK20 \$29,876	T3SF DOSK30 \$33,123	T3SF DOSK40 \$38,866	T3SF DOSK60 \$45,063	N/A
	Without Panel (Remote)		T3SF DONP15 \$35,263	T3SF DONP20 \$38,879	T3SF DONP30 \$42,094	T3SF DONP40 \$47,799	T3SF DONP60 \$52,899	T3SF DONP80 \$76,851
	With VFR-400 - 120V/60Hz		T3SF DOWP15 \$42,399	T3SF DOWP20 \$45,993	T3SF DOWP30 \$49,216	T3SF DOWP40 \$54,493	T3SF DOWP60 \$60,704	T3SF DOWP80 \$83,835

NEW - TOTALPAC®3 Integrated Fire Protection Systems

System Options:

Shut-off Valve & Sight Glass (Not available for Wet & Dry Pipe systems)	T3SHUTV015 \$1,650	T3SHUTV020 \$1,891	T3SHUTV030 \$2,120	T3SHUTV040 \$2,186	T3SHUTV060 \$2,606	N/A
Fire Department Connection (Always on right hand side)	T3FIRDPT15 \$535	T3FIRDPT20 \$562	T3FIRDPT30 \$629	T3FIRDPT40 \$722	T3FIRDPT60 \$902	N/A
Semi-Flanged Inlets & Outlet:	T3SEMFLG15 \$1,382	T3SEMFLG20 \$1,262	T3SEMFLG30 \$1,470	T3SEMFLG40 \$1,666	T3SEMFLG60 \$1,967	T3SEMFLG80 \$2,705
Full-Flanged Inlets & Outlet:	PRICE ON REQUEST ONLY					
Elevator Option	T3ELEVATOR			PRICE ON REQUEST ONLY SPECIAL CONDITIONS APPLY		
Anti Column device	T3ANTCOLD1			\$1,381		
Galvanized Main Inlet & Riser	T3GALVOPTI			\$1,288		
OSHPD Seismic Option	T3SISMIQ00			\$1,604.56		

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 \$284	12 AH (FM's 90 Hrs Stand-by) T3BAT02412 \$503
	Surefire & Firecycle III Systems:	12 AH (Included with unit, use for replacement only) T3BAT02412 \$503	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 \$393 (Class A Modules included do not duplicate)
	Rem. Announcer – T3VFRP4410 \$1,235		
	Class "A" Initiating Ccts – T3VFRPCA2Z \$485	Class "A" Indicating Ccts – T3VFRPCAM2 \$373	Relay Module – T3OPTARM44 \$1,386

NEW - TOTALPAC®3 Integrated Fire Protection Systems

Air Supplies:

Air Supplies for Skids (Trim only – NO compressor)	For Preaction – Surefire Firecycle III & HP Dry Pipe	Deluge Pneum. Release	Single Pneum. & Double Int'l'k Pneum-Pneum. Release
	T3ARTITSK1 \$1,196	T3ARTITSK2 \$1,010	T3ARTITSK3 \$1,887

Air Supplies for Cabinets	Style "A" (Tankless Air Compressor)						Style "B" Air Pressure Maintenance Device for Sprinkler Piping	Style "C" Air Pressure Maintenance Device for Pilot Line	Style "D" Air Shut-off Valve, Pressure Gauge, & Pressure Switch Only
	1/6 HP	1/3 HP	1/2 HP	1 HP	1 1/2 HP (8" unit only)	2 HP (8" unit only)			
120 V / 60 Hz:	T3AIRK0A02 \$5,004	T3AIRK0A03 \$5,954	T3AIRK0A05 \$6,718	T3AIRK0A10 \$8,044	T3AIRK0A15 \$10,948	T3AIRK0A20 POA	T3AIRK0B00 \$2,258	T3AIRK0C00 \$2,303	T3AIRK0D00 \$649
220V / 50 Hz	T3AIRK2A02 \$5,846	T3AIRK2A03 \$6,890	T3AIRK2A05 \$8,414	T3AIRK2A10 \$9,660	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 \$3,378	T3ACCELE1D \$4,699
Dehydrator	T3DEHYDRAT \$3,704	

NEW - TOTALPAC®3 Integrated Fire Protection Systems

Terms and Conditions

This price list should be used in conjunction with the VIKING TotalPac3 Configuration/Order Form (FM-08CD-0-17-D 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).



Section L
Wet Pipe Systems

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EasyPac® Riser Assemblies (L.2) – Residential, Commercial, & Floor Control	L-6 – L-17

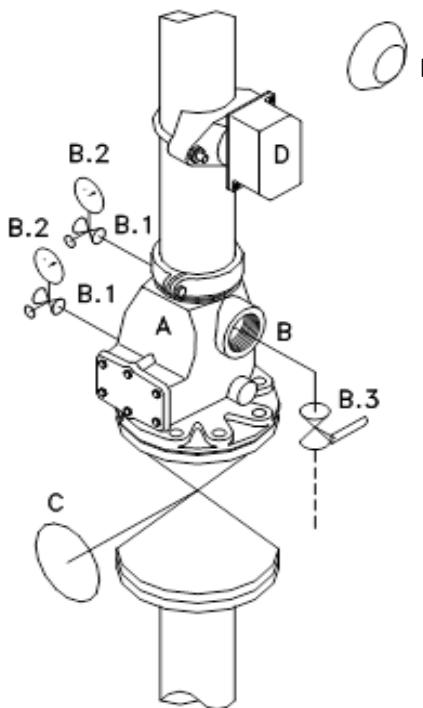
Notes

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 20, 2020. Supersedes January 2019 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 \$1,204.63	07236 \$593.68	08505PT \$2,208.15
4"	08508 \$1,241.21	07237 \$627.57	08508PT \$2,278.62
6"	08511 \$2,046.52	07237 \$627.57	08511PT \$3,083.95

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 \$1,021.65	07236 \$593.68	08506PT \$2,025.18
4"	08509 \$1,051.58	07237 \$627.57	08509PT \$2,088.99
6"	08512 \$1,740.35	07237 \$627.57	08512PT \$2,777.76
8"	08515 \$2,463.31	07237 \$627.57	08515PT \$4,321.80

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 \$868.53	07236 \$593.68	07929PT \$1,872.05
3"	08507 \$868.53	07236 \$593.68	08507PT \$1,872.05
4"	08510 \$868.53	07237 \$627.57	08510PT \$1,905.93
6"	08513 \$1,607.28	07237 \$627.57	08513PT \$2,644.70
8"	08516 \$2,276.15	07237 \$627.57	08516PT \$4,072.30

* 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	\$714.05
2"	10667	\$825.57

Model L-1 (grooved)

1½"	11054	\$714.05
2"	11059	\$825.57
<i>IPG V259</i>		

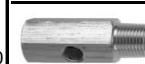
Model M-2 Swing Check Valve



SPRING LOADED

4" / DN100	IPG V220
22550	\$426.58

Automatic Ball Drip (Model B-1)



½" / DN15

IPG V226

04292B	\$59.39
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In-Line Check Valve Trim (1-1/2 & 2")

Model K-1 / L-1

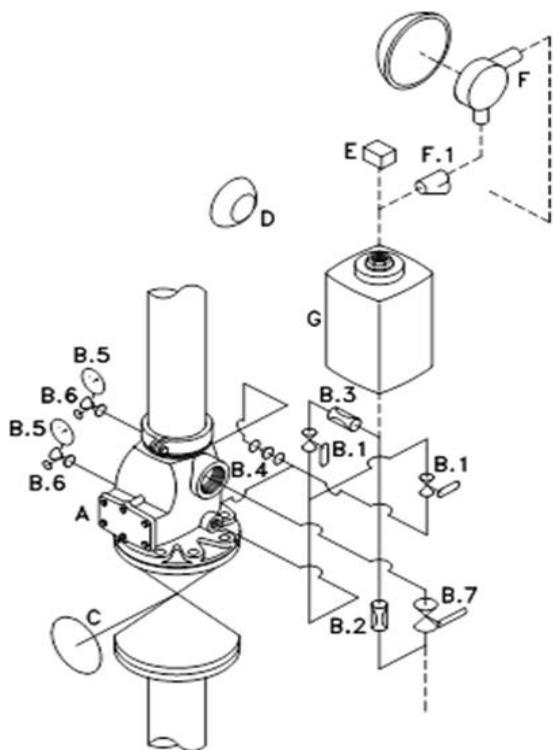
IPG V222
1½" and 2"

1½" and 2"

12960

\$236.98

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	\$1,986.11	08235PT \$3,569.88
4"	08238	\$1,986.11	08238PT \$3,641.70
6"	08241	\$2,482.66	08241PT \$4,138.27
8"	08244	\$3,433.25	08244PT \$5,088.88

Flange / Groove (Model J-1) - Alarm Check Valve

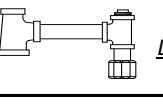
Size	Valve (only)	Loose Trim (galvanized)	Valve/Trim (pre-trimmed)
IPG	V223	V225	V224
3"	08236	\$1,986.11	08236PT \$3,569.88
4"	08239	\$1,986.11	08239PT \$3,641.70
6"	08242	\$2,482.66	08242PT \$4,138.27
8"	08245	\$3,433.25	08245PT \$5,088.88

Groove / Groove (Model J-1) - Alarm Check Valve

Size	Valve (only)	Loose Trim (galvanized)	Valve/Trim (pre-trimmed)
IPG	V223	V225	V224
3"	08237	\$1,875.07	08237PT \$3,458.84
4"	08240	\$1,875.07	08240PT \$3,530.70
6"	08243	\$2,218.02	08243PT \$3,873.66
8"	08246	\$3,060.85	08246PT \$4,716.48

* 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)	EPP Alarm Valve Trim	IPG V227	Circuit Closer Vent Trim	IPG V227
 Model C-1 IPG V226 05904B \$770.49	(for use with excess pressure pump)		 01973A \$158.55 <i>Domestic</i> 01973AUSA \$211.41	
Water Motor Alarm 	3" (DN80) 10854 \$1,336.14 4" (DN100) 10855 \$1,509.45 6" (DN150) 10856 \$1,509.45 8" (DN200) 10857 \$1,509.45			
Model F-2 IPG V226 07862 \$648.58				

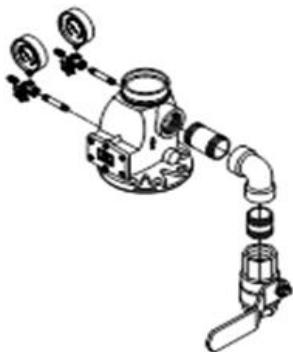
Special Valves and Trim

DOMESTIC¹ TRIM (Vertical/Galvanized) - Model J-1 Alarm Check Valve

Size	Trim (loose)
IPG	V225
3"	08633USA \$1,585.49
4"	08634USA \$1,682.29
6"	08635USA \$1,682.29
8"	08636USA \$1,682.29

(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 \$400.69
2"	12960-1 \$400.69
Model E-1/F-1 Easy Riser® Valve	
2-1/2"	07236-1 \$1,003.68
3"	07236-1 \$1,003.68
4"	07237-1 \$1,060.96
6"	07237-1 \$1,060.96
8"	07237-1 \$1,060.96

BRASS TRIM (Vertical) - Model J-1 Alarm Check Valve

Size	Trim (loose)
IPG	V227
3"	11428 \$2,100.60
4"	11429 \$2,451.22
6"	11430 \$2,572.25
8"	11431 \$2,572.25

*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 \$2,175.07
4"	11433 \$2,575.35
6"	11434 \$2,628.13
8"	11435 \$2,628.13

*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 \$1,292.02
4"	08765 \$1,325.40
6"	08767 \$1,391.02
8"	08769 \$1,391.02

*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



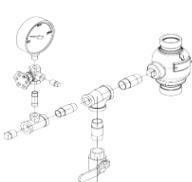
Size	Flange / Flange	Groove / Groove	
IPG	V220	V220	
2-1/2"		05497C	\$608.99
3"		08536	\$609.00
4"	08538	\$1,397.61	08539
6"	08542	\$2,286.13	08543
8"	08546	\$2,216.99	08547
			\$2,048.54

In-Line Check Valves (Threaded)



Model K-1 (threaded)		
1½"	10659	\$714.05
2"	10667	\$825.57
Model L-1 (grooved)		
1½"	11054	\$714.05
2"	11059	\$825.57
		IPG V259

In-Line Check Valve Trim (1-1/2" - 2")



Model L-1 / K-1	12960	\$236.98
		IPG V222

Model M-2 Swing Check Valve



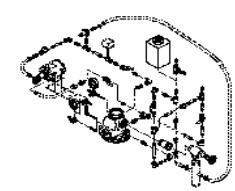
4" / DN100	IPG V220
22550	\$426.58
SPRING LOADED	

Automatic Ball Drip (Model B-1)



1/2" / DN15	IPG V226
04292B	\$59.39

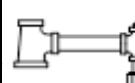
EPP Alarm Valve Trim



IPG V227

(for use with excess
pressure pump)

Circuit Closer Vent Trim



4" / DN100	IPG V227
Standard	
01973A	\$158.55
Domestic	
01973AUSA	\$189.95

Model C-1 Retard Chamber (not in trim)



Model C-1	IPG V226
05904B	\$770.49

3" (DN80)	10854	\$1,336.14
4" (DN100)	10855	\$1,509.45
6" (DN150)	10856	\$1,509.45
8" (DN200)	10857	\$1,509.45

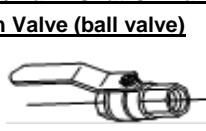
Accessories (Included in Alarm Valve Trim) - IPG V226

Water Gauge



0-300 psi	
1/4"	VWATERSF
	\$26.93

Alarm Test/Alarm Shut-Off Valve



Main Drain Valve (ball valve)



Restricted Orifice

1/8" / 3mm Restricted Orifice	
1/2" / DN15	06555A

\$33.59

Globe Valve for Gauges



Side Outlet	
1/4"	76V-25

size	part no.	list price
1/2"	10355	\$54.66
1"	10356	\$81.12

In-line Check Valve



3/4"	T480-75	\$115.79
1"	T480-0100	\$110.92

IPG SR140

7/32" / 5mm Restricted Orifice

1/2" / DN15 06980A \$21.32

3/8" / 9.5mm Restricted Orifice

3/4" / DN20 10912 \$29.79

7/16" / 11.1mm Restricted Orifice

3/4" CCC 12831 \$53.89

Alarm Devices

Alarm Pressure Switch - SR020

<u>Adjustable Range (4-20 psi)</u> <u>1/2" / DN50</u> Single SPDT PS101A \$232.62 Dual SPDT PS102A \$279.81  * Manufactured by Potter	<u>Explosion Proof</u> Dual SPDT PS10-EX \$1,460.48 Dual SPDT PS40EX \$1,460.48 * Cenelec approved  <u>Pressure Adj Access Key</u> 10600 \$28.54 <u>Cover Removal Key</u> 10601 \$28.54
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* Appropriate hex keys included with switches.

Pressure Supervisory Switch (Air, Nitrogen, Water) - IPG SR020

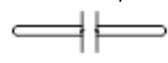
<u>Adjustable Range (10-175 psi)</u> <u>1/2" / DN50</u> Single SPDT PS401A \$232.62 Dual SPDT PS402A \$279.81  * Manufactured by Potter <u>Cover Tamper Switch Kit</u> 09601 \$145.95	<u>Explosion Proof</u> Dual SPDT 10379 \$1,880.32 * Cenelec approved  <u>Pressure Adj Access Key</u> 10600 \$28.54 <u>Cover Removal Key</u> 10601 \$28.54
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* Appropriate hex keys included with switches.

Flow Switch - SR010

<u>Waterflow Indicators</u> (adjustable retard up to 120 sec. - 2 SPDT contacts) Model VSR 1-2" / DN40 VSRF0100 \$332.34 2" / DN50 VSRF0200 \$360.22 2½" / DN65 VSRF0250 \$360.22 3" / DN80 VSRF0300 \$360.22 3½" / DN90 VSRF0350 \$360.22 4" / DN100 VSRF0400 \$360.22 5" / DN125 VSRF0500 \$360.22 6" / DN150 VSRF0600 \$360.22 8" / DN200 VSRF0800 \$403.10	
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Water Motor Alarm and Accessories - IPG V226

<u>Water Motor Alarm</u>  Model F-2 07862 \$648.58	<u>Closure Plate</u>  05820B \$132.37
<u>Adjustable Shaft</u> (wall thickness up to 30-1/4 in / 768 mm)  03312B \$127.01	<u>Alarm Line Y Strainer</u>  3/4 " (DN20) 01489A \$193.13
<u>Extension Cup</u>  05957B \$105.90	



Section L.2
EasyPac™ Riser Assemblies

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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 20, 2020. Supersedes January 2019 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



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	\$953.52
1-1/4"	14841	V263	\$913.82
1-1/2"	14843	V263	\$975.68
2"	14845	V263	\$993.82
Thread x Groove (schedule 40)			
1-1/4"	14905	V263	\$936.08
1-1/2"	14849	V263	\$983.56
2"	14846	V263	\$1,000.72
Thread x Thread (schedule 40)			
1"	15226	V263	\$914.78
1-1/4"	14840	V263	\$915.15
1-1/2"	14842	V263	\$978.12
2"	14844	V263	\$997.23

RESIDENTIAL (with TESTanDRAIN®)

Size	Orifice Size	Part #	IPG	List Price
Groove x Groove (schedule 10)				
1"	3/8" (2.8 K)	15244A	V263	\$1,511.26
1"	7/16" (4.2 K)	15244B	V263	\$1,511.26
1"	1/2" (5.6 K)	15244C	V263	\$1,511.26
1"	17/32" (8.0 K)	15244D	V263	\$1,511.26
1-1/4"	3/8" (2.8 K)	15231A	V263	\$1,540.85
1-1/4"	7/16" (4.2 K)	15231B	V263	\$1,540.85
1-1/4"	1/2" (5.6 K)	15231C	V263	\$1,540.85
1-1/4"	17/32" (8.0 K)	15231D	V263	\$1,540.85
1-1/2"	3/8" (2.8 K)	15237A	V263	\$1,543.05
1-1/2"	7/16" (4.2 K)	15237B	V263	\$1,543.05
1-1/2"	1/2" (5.6 K)	15237C	V263	\$1,543.05
1-1/2"	17/32" (8.0 K)	15237D	V263	\$1,543.05
2"	3/8" (2.8 K)	15242A	V263	\$1,403.87
2"	7/16" (4.2 K)	15242B	V263	\$1,403.87
2"	1/2" (5.6 K)	15242C	V263	\$1,403.87
2"	17/32" (8.0 K)	15242D	V263	\$1,403.87
Thread x Thread (schedule 40)				
1"	3/8" (2.8 K)	15227A	V263	\$1,472.95
1"	7/16" (4.2 K)	15227B	V263	\$1,472.95
1"	1/2" (5.6 K)	15227C	V263	\$1,472.95
1"	17/32" (8.0 K)	15227D	V263	\$1,472.95
1-1/4"	3/8" (2.8 K)	15229A	V263	\$1,542.17
1-1/4"	7/16" (4.2 K)	15229B	V263	\$1,542.17
1-1/4"	1/2" (5.6 K)	15229C	V263	\$1,542.17
1-1/4"	17/32" (8.0 K)	15229D	V263	\$1,542.17
1-1/2"	3/8" (2.8 K)	15235A	V263	\$1,545.51
1-1/2"	7/16" (4.2 K)	15235B	V263	\$1,545.51
1-1/2"	1/2" (5.6 K)	15235C	V263	\$1,545.51
1-1/2"	17/32" (8.0 K)	15235D	V263	\$1,545.51
2"	3/8" (2.8 K)	15241A	V263	\$1,407.26
2"	7/16" (4.2 K)	15241B	V263	\$1,407.26
2"	1/2" (5.6 K)	15241C	V263	\$1,407.26
2"	17/32" (8.0 K)	15241D	V263	\$1,407.26

Size	Orifice Size	Part #	IPG	List Price
Thread x Groove (schedule 40)				
1-1/4"	3/8" (2.8 K)	15233A	V263	\$1,563.58
1-1/4"	7/16" (4.2 K)	15233B	V263	\$1,563.58
1-1/4"	1/2" (5.6 K)	15233C	V263	\$1,563.58
1-1/4"	17/32" (8.0 K)	15233D	V263	\$1,563.58
1-1/2"	3/8" (2.8 K)	15239A	V263	\$1,550.92
1-1/2"	7/16" (4.2 K)	15239B	V263	\$1,550.92
1-1/2"	1/2" (5.6 K)	15239C	V263	\$1,550.92
1-1/2"	17/32" (8.0 K)	15239D	V263	\$1,550.92
2"	3/8" (2.8 K)	15246A	V263	\$1,413.10
2"	7/16" (4.2 K)	15246B	V263	\$1,413.10
2"	1/2" (5.6 K)	15246C	V263	\$1,413.10
2"	17/32" (8.0 K)	15246D	V263	\$1,413.10

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RESIDENTIAL (with TESTanDRAIN® and PRV)						
Size	Orifice Size	PRV ¹	Part #	IPG	List Price	
Groove x Groove (schedule 10)						
1"	3/8" (2.8 K)	175	15245A175	V263	\$1,682.69	
1"	3/8" (2.8 K)	205	15245A205	V263	\$1,682.69	
1"	3/8" (2.8 K)	250	15245A250	V263	\$1,682.69	
1"	7/16" (4.2 K)	175	15245B175	V263	\$1,682.69	
1"	7/16" (4.2 K)	205	15245B205	V263	\$1,682.69	
1"	7/16" (4.2 K)	250	15245B250	V263	\$1,682.69	
1"	1/2" (5.6 K)	175	15245C175	V263	\$1,682.69	
1"	1/2" (5.6 K)	205	15245C205	V263	\$1,682.69	
1"	1/2" (5.6 K)	250	15245C250	V263	\$1,682.69	
1"	17/32" (8.0 K)	175	15245D175	V263	\$1,682.69	
1"	17/32" (8.0 K)	205	15245D205	V263	\$1,682.69	
1"	17/32" (8.0 K)	250	15245D250	V263	\$1,682.69	
1-1/4"	3/8" (2.8 K)	175	15232A175	V263	\$1,711.86	
1-1/4"	3/8" (2.8 K)	205	15232A205	V263	\$1,711.86	
1-1/4"	3/8" (2.8 K)	250	15232A250	V263	\$1,711.86	
1-1/4"	7/16" (4.2 K)	175	15232B175	V263	\$1,711.86	
1-1/4"	7/16" (4.2 K)	205	15232B205	V263	\$1,711.86	
1-1/4"	7/16" (4.2 K)	250	15232B250	V263	\$1,711.86	
1-1/4"	1/2" (5.6 K)	175	15232C175	V263	\$1,711.86	
1-1/4"	1/2" (5.6 K)	205	15232C205	V263	\$1,711.86	
1-1/4"	1/2" (5.6 K)	250	15232C250	V263	\$1,711.86	
1-1/4"	17/32" (8.0 K)	175	15232D175	V263	\$1,711.86	
1-1/4"	17/32" (8.0 K)	205	15232D205	V263	\$1,711.86	
1-1/4"	17/32" (8.0 K)	250	15232D250	V263	\$1,711.86	
1-1/2"	3/8" (2.8 K)	175	15238A175	V263	\$1,714.06	
1-1/2"	3/8" (2.8 K)	205	15238A205	V263	\$1,714.06	
1-1/2"	3/8" (2.8 K)	250	15238A250	V263	\$1,714.06	
1-1/2"	7/16" (4.2 K)	175	15238B175	V263	\$1,714.06	
1-1/2"	7/16" (4.2 K)	205	15238B205	V263	\$1,714.06	
1-1/2"	7/16" (4.2 K)	250	15238B250	V263	\$1,714.06	
1-1/2"	1/2" (5.6 K)	175	15238C175	V263	\$1,714.06	
1-1/2"	1/2" (5.6 K)	205	15238C205	V263	\$1,714.06	
1-1/2"	1/2" (5.6 K)	250	15238C250	V263	\$1,714.06	
1-1/2"	17/32" (8.0 K)	175	15238D175	V263	\$1,714.06	
1-1/2"	17/32" (8.0 K)	205	15238D205	V263	\$1,714.06	
1-1/2"	17/32" (8.0 K)	250	15238D250	V263	\$1,714.06	
2"	3/8" (2.8 K)	175	14900A175	V263	\$1,751.78	
2"	3/8" (2.8 K)	205	14900A205	V263	\$1,751.78	
2"	3/8" (2.8 K)	250	14900A250	V263	\$1,751.78	
2"	7/16" (4.2 K)	175	14900B175	V263	\$1,751.78	
2"	7/16" (4.2 K)	205	14900B205	V263	\$1,751.78	
2"	7/16" (4.2 K)	250	14900B250	V263	\$1,751.78	
2"	1/2" (5.6 K)	175	14900C175	V263	\$1,751.78	
2"	1/2" (5.6 K)	205	14900C205	V263	\$1,751.78	
2"	1/2" (5.6 K)	250	14900C250	V263	\$1,751.78	
2"	17/32" (8.0 K)	175	14900D175	V263	\$1,751.78	
2"	17/32" (8.0 K)	205	14900D205	V263	\$1,751.78	
2"	17/32" (8.0 K)	250	14900D250	V263	\$1,751.78	
Thread x Groove (schedule 10)						
						N/A

(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	\$1,643.95
1"	3/8" (2.8 K)	205	15228A205	V263	\$1,643.95
1"	3/8" (2.8 K)	250	15228A250	V263	\$1,643.95
1"	7/16" (4.2 K)	175	15228B175	V263	\$1,643.95
1"	7/16" (4.2 K)	205	15228B205	V263	\$1,643.95
1"	7/16" (4.2 K)	250	15228B250	V263	\$1,643.95
1"	1/2" (5.6 K)	175	15228C175	V263	\$1,643.95
1"	1/2" (5.6 K)	205	15228C205	V263	\$1,643.95
1"	1/2" (5.6 K)	250	15228C250	V263	\$1,643.95
1"	17/32" (8.0 K)	175	15228D175	V263	\$1,643.95
1"	17/32" (8.0 K)	205	15228D205	V263	\$1,643.95
1"	17/32" (8.0 K)	250	15228D250	V263	\$1,643.95
1-1/4"	3/8" (2.8 K)	175	15230A175	V263	\$1,713.17
1-1/4"	3/8" (2.8 K)	205	15230A205	V263	\$1,713.17
1-1/4"	3/8" (2.8 K)	250	15230A250	V263	\$1,713.17
1-1/4"	7/16" (4.2 K)	175	15230B175	V263	\$1,713.17
1-1/4"	7/16" (4.2 K)	205	15230B205	V263	\$1,713.17
1-1/4"	7/16" (4.2 K)	250	15230B250	V263	\$1,713.17
1-1/4"	1/2" (5.6 K)	175	15230C175	V263	\$1,713.17
1-1/4"	1/2" (5.6 K)	205	15230C205	V263	\$1,713.17
1-1/4"	1/2" (5.6 K)	250	15230C250	V263	\$1,713.17
1-1/4"	17/32" (8.0 K)	175	15230D175	V263	\$1,713.17
1-1/4"	17/32" (8.0 K)	205	15230D205	V263	\$1,713.17
1-1/4"	17/32" (8.0 K)	250	15230D250	V263	\$1,713.17
1-1/2"	3/8" (2.8 K)	175	15236A175	V263	\$1,716.49
1-1/2"	3/8" (2.8 K)	205	15236A205	V263	\$1,716.49
1-1/2"	3/8" (2.8 K)	250	15236A250	V263	\$1,716.49
1-1/2"	7/16" (4.2 K)	175	15236B175	V263	\$1,716.49
1-1/2"	7/16" (4.2 K)	205	15236B205	V263	\$1,716.49
1-1/2"	7/16" (4.2 K)	250	15236B250	V263	\$1,716.49
1-1/2"	1/2" (5.6 K)	175	15236C175	V263	\$1,716.49
1-1/2"	1/2" (5.6 K)	205	15236C205	V263	\$1,716.49
1-1/2"	1/2" (5.6 K)	250	15236C250	V263	\$1,716.49
1-1/2"	17/32" (8.0 K)	175	15236D175	V263	\$1,716.49
1-1/2"	17/32" (8.0 K)	205	15236D205	V263	\$1,716.49
1-1/2"	17/32" (8.0 K)	250	15236D250	V263	\$1,716.49
2"	3/8" (2.8 K)	175	14901A175	V263	\$1,763.50
2"	3/8" (2.8 K)	205	14901A205	V263	\$1,763.50
2"	3/8" (2.8 K)	250	14901A250	V263	\$1,763.50
2"	7/16" (4.2 K)	175	14901B175	V263	\$1,763.50
2"	7/16" (4.2 K)	205	14901B205	V263	\$1,763.50
2"	7/16" (4.2 K)	250	14901B250	V263	\$1,763.50
2"	1/2" (5.6 K)	175	14901C175	V263	\$1,763.50
2"	1/2" (5.6 K)	205	14901C205	V263	\$1,763.50
2"	1/2" (5.6 K)	250	14901C250	V263	\$1,763.50
2"	17/32" (8.0 K)	175	14901D175	V263	\$1,763.50
2"	17/32" (8.0 K)	205	14901D205	V263	\$1,763.50
2"	17/32" (8.0 K)	250	14901D250	V263	\$1,763.50

(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	\$1,470.99
1-1/2"	15254	V261	\$1,087.34
2"	14848	V261	\$971.55
2-1/2"	14852	V261	\$999.49
3"	14855	V261	\$1,121.64
4"	14858	V261	\$1,310.01
6"	14861	V261	\$1,464.73
8"	15264	V261	\$2,064.74
Thread x Groove (schedule 40)			
1-1/4"	15250	V261	\$1,500.77
1-1/2"	15255	V261	\$1,096.07
2"	15258	V261	\$1,174.66
Thread x Thread (schedule 40)			
1-1/4"	15248	V261	\$1,472.72
1-1/2"	15253	V261	\$1,090.05
2"	14899	V261	\$1,002.43

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	\$1,717.14	
1-1/4"	7/16" (4.2 K)	14872B	V261	\$1,717.14	
1-1/4"	1/2" (5.6 K)	14872C	V261	\$1,717.14	
1-1/4"	17/32" (8.0 K)	14872D	V261	\$1,717.14	
1-1/4"	ELO (11.2 K)	14872E	V261	\$1,717.14	
1-1/2"	3/8" (2.8 K)	14876A	V261	\$1,719.61	
1-1/2"	7/16" (4.2 K)	14876B	V261	\$1,719.61	
1-1/2"	1/2" (5.6 K)	14876C	V261	\$1,719.61	
1-1/2"	17/32" (8.0 K)	14876D	V261	\$1,719.61	
1-1/2"	ELO (11.2 K)	14876E	V261	\$1,719.61	
2"	3/8" (2.8 K)	14850A	V261	\$1,689.33	
2"	7/16" (4.2 K)	14850B	V261	\$1,689.33	
2"	1/2" (5.6 K)	14850C	V261	\$1,689.33	
2"	17/32" (8.0 K)	14850D	V261	\$1,689.33	
2"	ELO (11.2 K)	14850E	V261	\$1,689.33	
2-1/2"	3/8" (2.8 K)	14853A	V261	\$1,720.70	
2-1/2"	7/16" (4.2 K)	14853B	V261	\$1,720.70	
2-1/2"	1/2" (5.6 K)	14853C	V261	\$1,720.70	
2-1/2"	17/32" (8.0 K)	14853D	V261	\$1,720.70	
2-1/2"	ELO (11.2 K)	14853E	V261	\$1,720.70	
2-1/2"	ESFR (14.0 K)	14853F	V261	\$1,720.70	
2-1/2"	ESFR (25.2 K)	14853G	V261	P.O.A.	
Groove x Groove (schedule 10)					
3"	3/8" (2.8 K)	14856A	V261	\$1,842.86	
3"	7/16" (4.2 K)	14856B	V261	\$1,842.86	
3"	1/2" (5.6 K)	14856C	V261	\$1,842.86	
3"	17/32" (8.0 K)	14856D	V261	\$1,842.86	
3"	ELO (11.2 K)	14856E	V261	\$1,842.86	
3"	ESFR (14.0 K)	14856F	V261	\$1,842.86	
3"	ESFR (25.2 K)	14856G	V261	P.O.A.	
4"	3/8" (2.8 K)	14859A	V261	\$2,426.06	
4"	7/16" (4.2 K)	14859B	V261	\$2,426.06	
4"	1/2" (5.6 K)	14859C	V261	\$2,426.06	
4"	17/32" (8.0 K)	14859D	V261	\$2,426.06	
4"	ELO (11.2 K)	14859E	V261	\$2,426.06	
4"	ESFR (14.0 K)	14859F	V261	\$2,426.06	
4"	ESFR (25.2 K)	14859G	V261	\$2,523.75	
6"	3/8" (2.8 K)	14862A	V261	\$2,624.77	
6"	7/16" (4.2 K)	14862B	V261	\$2,624.77	
6"	1/2" (5.6 K)	14862C	V261	\$2,624.77	
6"	17/32" (8.0 K)	14862D	V261	\$2,624.77	
6"	ELO (11.2 K)	14862E	V261	\$2,624.77	
6"	ESFR (14.0 K)	14862F	V261	\$2,624.77	
6"	ESFR (25.2 K)	14862G	V261	\$2,654.31	
8"	3/8" (2.8 K)	15265A	V261	\$3,552.08	
8"	7/16" (4.2 K)	15265B	V261	\$3,552.08	
8"	1/2" (5.6 K)	15265C	V261	\$3,552.08	
8"	17/32" (8.0 K)	15265D	V261	\$3,552.08	
8"	ELO (11.2 K)	15265E	V261	\$3,552.08	
8"	ESFR (14.0 K)	15265F	V261	\$3,552.08	
8"	ESFR (25.2 K)	15265G	V261	\$3,552.08	

TESTanDRAIN® is a registered trademark of AGF Manufacturing, Inc.

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	\$1,742.50	
1-1/4"	7/16" (4.2 K)	15251B	V261	\$1,742.50	
1-1/4"	1/2" (5.6 K)	15251C	V261	\$1,742.50	
1-1/4"	17/32" (8.0 K)	15251D	V261	\$1,742.50	
1-1/4"	17/32" (8.0 K)	15251E	V261	\$1,742.50	
1-1/2"	3/8" (2.8 K)	15256A	V261	\$1,728.35	
1-1/2"	7/16" (4.2 K)	15256B	V261	\$1,728.35	
1-1/2"	1/2" (5.6 K)	15256C	V261	\$1,728.35	
1-1/2"	17/32" (8.0 K)	15256D	V261	\$1,728.35	
1-1/2"	17/32" (8.0 K)	15256E	V261	\$1,728.35	
2"	3/8" (2.8 K)	15259A	V261	\$2,018.69	
2"	7/16" (4.2 K)	15259B	V261	\$2,018.69	
2"	1/2" (5.6 K)	15259C	V261	\$2,018.69	
2"	17/32" (8.0 K)	15259D	V261	\$2,018.69	
2"	ELO (11.2 K)	15259E	V261	\$2,018.69	
Thread x Thread (schedule 40)					
1-1/4"	3/8" (2.8 K)	14871A	V261	\$1,718.64	
1-1/4"	7/16" (4.2 K)	14871B	V261	\$1,718.64	
1-1/4"	1/2" (5.6 K)	14871C	V261	\$1,718.64	
1-1/4"	17/32" (8.0 K)	14871D	V261	\$1,718.64	
1-1/4"	17/32" (8.0 K)	14871E	V261	\$1,718.64	
1-1/2"	3/8" (2.8 K)	14875A	V261	\$1,722.35	
1-1/2"	7/16" (4.2 K)	14875B	V261	\$1,722.35	
1-1/2"	1/2" (5.6 K)	14875C	V261	\$1,722.35	
1-1/2"	17/32" (8.0 K)	14875D	V261	\$1,722.35	
1-1/2"	17/32" (8.0 K)	14875E	V261	\$1,722.35	
2"	3/8" (2.8 K)	14935A	V261	\$1,720.70	
2"	7/16" (4.2 K)	14935B	V261	\$1,720.70	
2"	1/2" (5.6 K)	14935C	V261	\$1,720.70	
2"	17/32" (8.0 K)	14935D	V261	\$1,720.70	
2"	ELO (11.2 K)	14935E	V261	\$1,720.70	

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	\$1,907.73
1-1/4"	3/8" (2.8 K)	205	14874A205	V261	\$1,907.73
1-1/4"	3/8" (2.8 K)	250	14874A250	V261	\$1,907.73
1-1/4"	7/16" (4.2 K)	175	14874B175	V261	\$1,907.73
1-1/4"	7/16" (4.2 K)	205	14874B205	V261	\$1,907.73
1-1/4"	7/16" (4.2 K)	250	14874B250	V261	\$1,907.73
1-1/4"	1/2" (5.6 K)	175	14874C175	V261	\$1,907.73
1-1/4"	1/2" (5.6 K)	205	14874C205	V261	\$1,907.73
1-1/4"	1/2" (5.6 K)	250	14874C250	V261	\$1,907.73
1-1/4"	17/32" (8.0 K)	175	14874D175	V261	\$1,907.73
1-1/4"	17/32" (8.0 K)	205	14874D205	V261	\$1,907.73
1-1/4"	17/32" (8.0 K)	250	14874D250	V261	\$1,907.73
1-1/4"	ELO (11.2 K)	175	14874E175	V261	\$1,907.73
1-1/4"	ELO (11.2 K)	205	14874E205	V261	\$1,907.73
1-1/4"	ELO (11.2 K)	250	14874E250	V261	\$1,907.73
1-1/2"	3/8" (2.8 K)	175	14878A175	V261	\$1,910.20
1-1/2"	3/8" (2.8 K)	205	14878A205	V261	\$1,910.20
1-1/2"	3/8" (2.8 K)	250	14878A250	V261	\$1,910.20
1-1/2"	7/16" (4.2 K)	175	14878B175	V261	\$1,910.20
1-1/2"	7/16" (4.2 K)	205	14878B205	V261	\$1,910.20
1-1/2"	7/16" (4.2 K)	250	14878B250	V261	\$1,910.20
1-1/2"	1/2" (5.6 K)	175	14878C175	V261	\$1,910.20
1-1/2"	1/2" (5.6 K)	205	14878C205	V261	\$1,910.20
1-1/2"	1/2" (5.6 K)	250	14878C250	V261	\$1,910.20
1-1/2"	17/32" (8.0 K)	175	14878D175	V261	\$1,910.20
1-1/2"	17/32" (8.0 K)	205	14878D205	V261	\$1,910.20
1-1/2"	17/32" (8.0 K)	250	14878D250	V261	\$1,910.20
1-1/2"	ELO (11.2 K)	175	14878E175	V261	\$1,910.20
1-1/2"	ELO (11.2 K)	205	14878E205	V261	\$1,910.20
1-1/2"	ELO (11.2 K)	250	14878E250	V261	\$1,910.20
Groove x Groove (schedule 10)					
2"	3/8" (2.8 K)	175	14851A175	V261	\$1,883.31
2"	3/8" (2.8 K)	205	14851A205	V261	\$1,883.31
2"	3/8" (2.8 K)	250	14851A250	V261	\$1,883.31
2"	7/16" (4.2 K)	175	14851B175	V261	\$1,883.31
2"	7/16" (4.2 K)	205	14851B205	V261	\$1,883.31
2"	7/16" (4.2 K)	250	14851B250	V261	\$1,883.31
2"	1/2" (5.6 K)	175	14851C175	V261	\$1,883.31
2"	1/2" (5.6 K)	205	14851C205	V261	\$1,883.31
2"	1/2" (5.6 K)	250	14851C250	V261	\$1,883.31
2"	17/32" (8.0 K)	175	14851D175	V261	\$1,883.31
2"	17/32" (8.0 K)	205	14851D205	V261	\$1,883.31
2"	17/32" (8.0 K)	250	14851D250	V261	\$1,883.31
2"	ELO (11.2 K)	175	14851E175	V261	\$1,883.31
2"	ELO (11.2 K)	205	14851E205	V261	\$1,883.31
2"	ELO (11.2 K)	250	14851E250	V261	\$1,883.31
2-1/2"	3/8" (2.8 K)	175	14854A175	V261	\$1,914.71
2-1/2"	3/8" (2.8 K)	205	14854A205	V261	\$1,914.71
2-1/2"	3/8" (2.8 K)	250	14854A250	V261	\$1,914.71
2-1/2"	7/16" (4.2 K)	175	14854B175	V261	\$1,914.71
2-1/2"	7/16" (4.2 K)	205	14854B205	V261	\$1,914.71
2-1/2"	7/16" (4.2 K)	250	14854B250	V261	\$1,914.71
2-1/2"	1/2" (5.6 K)	175	14854C175	V261	\$1,914.71
2-1/2"	1/2" (5.6 K)	205	14854C205	V261	\$1,914.71
2-1/2"	1/2" (5.6 K)	250	14854C250	V261	\$1,914.71
2-1/2"	17/32" (8.0 K)	175	14854D175	V261	\$1,914.71
2-1/2"	17/32" (8.0 K)	205	14854D205	V261	\$1,914.71
2-1/2"	17/32" (8.0 K)	250	14854D250	V261	\$1,914.71
2-1/2"	ELO (11.2 K)	175	14854E175	V261	\$1,914.71
2-1/2"	ELO (11.2 K)	205	14854E205	V261	\$1,914.71
2-1/2"	ELO (11.2 K)	250	14854E250	V261	\$1,914.71
2-1/2"	ESFR (14.0 K)	175	14854F175	V261	\$1,914.71
2-1/2"	ESFR (14.0 K)	205	14854F205	V261	\$1,914.71
2-1/2"	ESFR (14.0 K)	250	14854F250	V261	\$1,914.71

(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					
Groove x Groove (schedule 10)						Orifice Size					
3"	3/8" (2.8 K)	175	14857A175	V261	\$2,036.83	6"	3/8" (2.8 K)	175	14863A175	V261	\$2,815.33
3"	3/8" (2.8 K)	205	14857A205	V261	\$2,036.83	6"	3/8" (2.8 K)	205	14863A205	V261	\$2,815.33
3"	3/8" (2.8 K)	250	14857A250	V261	\$2,036.83	6"	3/8" (2.8 K)	250	14863A250	V261	\$2,815.33
3"	7/16" (4.2 K)	175	14857B175	V261	\$2,036.83	6"	7/16" (4.2 K)	175	14863B175	V261	\$2,815.33
3"	7/16" (4.2 K)	205	14857B205	V261	\$2,036.83	6"	7/16" (4.2 K)	205	14863B205	V261	\$2,815.33
3"	7/16" (4.2 K)	250	14857B250	V261	\$2,036.83	6"	7/16" (4.2 K)	250	14863B250	V261	\$2,815.33
3"	1/2" (5.6 K)	175	14857C175	V261	\$2,036.83	6"	1/2" (5.6 K)	175	14863C175	V261	\$2,815.33
3"	1/2" (5.6 K)	205	14857C205	V261	\$2,036.83	6"	1/2" (5.6 K)	205	14863C205	V261	\$2,815.33
3"	1/2" (5.6 K)	250	14857C250	V261	\$2,036.83	6"	1/2" (5.6 K)	250	14863C250	V261	\$2,815.33
3"	17/32" (8.0 K)	175	14857D175	V261	\$2,036.83	6"	17/32" (8.0 K)	175	14863D175	V261	\$2,815.33
3"	17/32" (8.0 K)	205	14857D205	V261	\$2,036.83	6"	17/32" (8.0 K)	205	14863D205	V261	\$2,815.33
3"	17/32" (8.0 K)	250	14857D250	V261	\$2,036.83	6"	17/32" (8.0 K)	250	14863D250	V261	\$2,815.33
3"	ELO (11.2 K)	175	14857E175	V261	\$2,036.83	6"	ELO (11.2 K)	175	14863E175	V261	\$2,815.33
3"	ELO (11.2 K)	205	14857E205	V261	\$2,036.83	6"	ELO (11.2 K)	205	14863E205	V261	\$2,815.33
3"	ELO (11.2 K)	250	14857E250	V261	\$2,036.83	6"	ELO (11.2 K)	250	14863E250	V261	\$2,815.33
3"	ESFR - 14.0 K	175	14857F175	V261	\$2,036.83	6"	ESFR - 14.0 K	175	14863F175	V261	\$2,815.33
3"	ESFR - 14.0 K	205	14857F205	V261	\$2,036.83	6"	ESFR - 14.0 K	205	14863F205	V261	\$2,815.33
3"	ESFR - 14.0 K	250	14857F250	V261	\$2,036.83	6"	ESFR - 14.0 K	250	14863F250	V261	\$2,815.33
3"	ESFR - 25.2 K	175	14857G175	V261	P.O.A.	6"	ESFR - 25.2 K	175	14863G175	V261	\$2,844.78
3"	ESFR - 25.2 K	205	14857G205	V261	P.O.A.	6"	ESFR - 25.2 K	205	14863G205	V261	\$2,844.78
3"	ESFR - 25.2 K	250	14857G250	V261	P.O.A.	6"	ESFR - 25.2 K	250	14863G250	V261	\$2,844.78
4"	3/8" (2.8 K)	175	14860A175	V261	\$2,616.65	8"	3/8" (2.8 K)	175	15266A175	V261	\$3,806.03
4"	3/8" (2.8 K)	205	14860A205	V261	\$2,616.65	8"	3/8" (2.8 K)	205	15266A205	V261	\$3,806.03
4"	3/8" (2.8 K)	250	14860A250	V261	\$2,616.65	8"	3/8" (2.8 K)	250	15266A250	V261	\$3,806.03
4"	7/16" (4.2 K)	175	14860B175	V261	\$2,616.65	8"	7/16" (4.2 K)	175	15266B175	V261	\$3,806.03
4"	7/16" (4.2 K)	205	14860B205	V261	\$2,616.65	8"	7/16" (4.2 K)	205	15266B205	V261	\$3,806.03
4"	7/16" (4.2 K)	250	14860B250	V261	\$2,616.65	8"	7/16" (4.2 K)	250	15266B250	V261	\$3,806.03
4"	1/2" (5.6 K)	175	14860C175	V261	\$2,616.65	8"	1/2" (5.6 K)	175	15266C175	V261	\$3,806.03
4"	1/2" (5.6 K)	205	14860C205	V261	\$2,616.65	8"	1/2" (5.6 K)	205	15266C205	V261	\$3,806.03
4"	1/2" (5.6 K)	250	14860C250	V261	\$2,616.65	8"	1/2" (5.6 K)	250	15266C250	V261	\$3,806.03
4"	17/32" (8.0 K)	175	14860D175	V261	\$2,616.65	8"	17/32" (8.0 K)	175	15266D175	V261	\$3,806.03
4"	17/32" (8.0 K)	205	14860D205	V261	\$2,616.65	8"	17/32" (8.0 K)	205	15266D205	V261	\$3,806.03
4"	17/32" (8.0 K)	250	14860D250	V261	\$2,616.65	8"	17/32" (8.0 K)	250	15266D250	V261	\$3,806.03
4"	ELO (11.2 K)	175	14860E175	V261	\$2,616.65	8"	ELO (11.2 K)	175	15266E175	V261	\$3,806.03
4"	ELO (11.2 K)	205	14860E205	V261	\$2,616.65	8"	ELO (11.2 K)	205	15266E205	V261	\$3,806.03
4"	ELO (11.2 K)	250	14860E250	V261	\$2,616.65	8"	ELO (11.2 K)	250	15266E250	V261	\$3,806.03
4"	ESFR (14.0 K)	175	14860F175	V261	\$2,616.65	8"	ESFR (14.0 K)	175	15266F175	V261	\$3,806.03
4"	ESFR (14.0 K)	205	14860F205	V261	\$2,616.65	8"	ESFR (14.0 K)	205	15266F205	V261	\$3,806.03
4"	ESFR (14.0 K)	250	14860F250	V261	\$2,616.65	8"	ESFR (14.0 K)	250	15266F250	V261	\$3,806.03
4"	ESFR (25.2 K)	175	14860G175	V261	\$2,714.23	8"	ESFR (25.2 K)	175	15266G175	V261	\$3,806.03
4"	ESFR (25.2 K)	205	14860G205	V261	\$2,714.23	8"	ESFR (25.2 K)	205	15266G205	V261	\$3,806.03
4"	ESFR (25.2 K)	250	14860G250	V261	\$2,714.23	8"	ESFR (25.2 K)	250	15266G250	V261	\$3,806.03

(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
Thread x Groove (schedule 40)						Orifice Size
1-1/4"	3/8" (2.8 K)	175	15252A175	V261	\$1,933.04	1-1/4"
1-1/4"	3/8" (2.8 K)	205	15252A205	V261	\$1,933.04	3/8" (2.8 K)
1-1/4"	3/8" (2.8 K)	250	15252A250	V261	\$1,933.04	250
1-1/4"	7/16" (4.2 K)	175	15252B175	V261	\$1,933.04	1-1/4"
1-1/4"	7/16" (4.2 K)	205	15252B205	V261	\$1,933.04	3/8" (2.8 K)
1-1/4"	7/16" (4.2 K)	250	15252B250	V261	\$1,933.04	250
1-1/4"	1/2" (5.6 K)	175	15252C175	V261	\$1,933.04	1-1/4"
1-1/4"	1/2" (5.6 K)	205	15252C205	V261	\$1,933.04	3/8" (2.8 K)
1-1/4"	1/2" (5.6 K)	250	15252C250	V261	\$1,933.04	250
1-1/4"	17/32" (8.0 K)	175	15252D175	V261	\$1,933.04	1-1/4"
1-1/4"	17/32" (8.0 K)	205	15252D205	V261	\$1,933.04	3/8" (2.8 K)
1-1/4"	17/32" (8.0 K)	250	15252D250	V261	\$1,933.04	250
1-1/4"	ELO (11.2 K)	175	15252E175	V261	\$1,933.04	1-1/4"
1-1/4"	ELO (11.2 K)	205	15252E205	V261	\$1,933.04	3/8" (2.8 K)
1-1/4"	ELO (11.2 K)	250	15252E250	V261	\$1,933.04	250
1-1/2"	3/8" (2.8 K)	175	15257A175	V261	\$1,918.92	1-1/2"
1-1/2"	3/8" (2.8 K)	205	15257A205	V261	\$1,918.92	3/8" (2.8 K)
1-1/2"	3/8" (2.8 K)	250	15257A250	V261	\$1,918.92	250
1-1/2"	7/16" (4.2 K)	175	15257B175	V261	\$1,918.92	1-1/2"
1-1/2"	7/16" (4.2 K)	205	15257B205	V261	\$1,918.92	3/8" (2.8 K)
1-1/2"	7/16" (4.2 K)	250	15257B250	V261	\$1,918.92	250
1-1/2"	1/2" (5.6 K)	175	15257C175	V261	\$1,918.92	1-1/2"
1-1/2"	1/2" (5.6 K)	205	15257C205	V261	\$1,918.92	3/8" (2.8 K)
1-1/2"	1/2" (5.6 K)	250	15257C250	V261	\$1,918.92	250
1-1/2"	17/32" (8.0 K)	175	15257D175	V261	\$1,918.92	1-1/2"
1-1/2"	17/32" (8.0 K)	205	15257D205	V261	\$1,918.92	3/8" (2.8 K)
1-1/2"	17/32" (8.0 K)	250	15257D250	V261	\$1,918.92	250
1-1/2"	ELO (11.2 K)	175	15257E175	V261	\$1,918.92	1-1/2"
1-1/2"	ELO (11.2 K)	205	15257E205	V261	\$1,918.92	3/8" (2.8 K)
1-1/2"	ELO (11.2 K)	250	15257E250	V261	\$1,918.92	250
2"	3/8" (2.8 K)	175	15260A175	V261	\$2,246.78	2"
2"	3/8" (2.8 K)	205	15260A205	V261	\$2,246.78	3/8" (2.8 K)
2"	3/8" (2.8 K)	250	15260A250	V261	\$2,246.78	250
2"	7/16" (4.2 K)	175	15260B175	V261	\$2,246.78	1-1/2"
2"	7/16" (4.2 K)	205	15260B205	V261	\$2,246.78	3/8" (2.8 K)
2"	7/16" (4.2 K)	250	15260B250	V261	\$2,246.78	250
2"	1/2" (5.6 K)	175	15260C175	V261	\$2,246.78	1-1/2"
2"	1/2" (5.6 K)	205	15260C205	V261	\$2,246.78	3/8" (2.8 K)
2"	1/2" (5.6 K)	250	15260C250	V261	\$2,246.78	250
2"	17/32" (8.0 K)	175	15260D175	V261	\$2,246.78	1-1/2"
2"	17/32" (8.0 K)	205	15260D205	V261	\$2,246.78	3/8" (2.8 K)
2"	17/32" (8.0 K)	250	15260D250	V261	\$2,246.78	250
2"	ELO (11.2 K)	175	15260E175	V261	\$2,246.78	1-1/2"
2"	ELO (11.2 K)	205	15260E205	V261	\$2,246.78	3/8" (2.8 K)
2"	ELO (11.2 K)	250	15260E250	V261	\$2,246.78	250
2"	3/8" (2.8 K)	175	14873A175	V261	\$1,909.21	1-1/4"
2"	3/8" (2.8 K)	205	14873A205	V261	\$1,909.21	3/8" (2.8 K)
2"	3/8" (2.8 K)	250	14873A250	V261	\$1,909.21	250
2"	7/16" (4.2 K)	175	14873B175	V261	\$1,909.21	1-1/4"
2"	7/16" (4.2 K)	205	14873B205	V261	\$1,909.21	3/8" (2.8 K)
2"	7/16" (4.2 K)	250	14873B250	V261	\$1,909.21	250
2"	1/2" (5.6 K)	175	14873C175	V261	\$1,909.21	1-1/4"
2"	1/2" (5.6 K)	205	14873C205	V261	\$1,909.21	3/8" (2.8 K)
2"	1/2" (5.6 K)	250	14873C250	V261	\$1,909.21	250
2"	17/32" (8.0 K)	175	14873D175	V261	\$1,909.21	1-1/4"
2"	17/32" (8.0 K)	205	14873D205	V261	\$1,909.21	3/8" (2.8 K)
2"	17/32" (8.0 K)	250	14873D250	V261	\$1,909.21	250
2"	ELO (11.2 K)	175	14873E175	V261	\$1,909.21	1-1/4"
2"	ELO (11.2 K)	205	14873E205	V261	\$1,909.21	3/8" (2.8 K)
2"	ELO (11.2 K)	250	14873E250	V261	\$1,909.21	250
2"	3/8" (2.8 K)	175	14877A175	V261	\$1,912.88	1-1/2"
2"	3/8" (2.8 K)	205	14877A205	V261	\$1,912.88	3/8" (2.8 K)
2"	3/8" (2.8 K)	250	14877A250	V261	\$1,912.88	250
2"	7/16" (4.2 K)	175	14877B175	V261	\$1,912.88	1-1/2"
2"	7/16" (4.2 K)	205	14877B205	V261	\$1,912.88	3/8" (2.8 K)
2"	7/16" (4.2 K)	250	14877B250	V261	\$1,912.88	250
2"	1/2" (5.6 K)	175	14877C175	V261	\$1,912.88	1-1/2"
2"	1/2" (5.6 K)	205	14877C205	V261	\$1,912.88	3/8" (2.8 K)
2"	1/2" (5.6 K)	250	14877C250	V261	\$1,912.88	250
2"	17/32" (8.0 K)	175	14877D175	V261	\$1,912.88	1-1/2"
2"	17/32" (8.0 K)	205	14877D205	V261	\$1,912.88	3/8" (2.8 K)
2"	17/32" (8.0 K)	250	14877D250	V261	\$1,912.88	250
2"	ELO (11.2 K)	175	14877E175	V261	\$1,912.88	1-1/2"
2"	ELO (11.2 K)	205	14877E205	V261	\$1,912.88	3/8" (2.8 K)
2"	ELO (11.2 K)	250	14877E250	V261	\$1,912.88	250
2"	3/8" (2.8 K)	175	14847A175	V261	\$1,914.71	2"
2"	3/8" (2.8 K)	205	14847A205	V261	\$1,914.71	3/8" (2.8 K)
2"	3/8" (2.8 K)	250	14847A250	V261	\$1,914.71	250
2"	7/16" (4.2 K)	175	14847B175	V261	\$1,914.71	1-1/2"
2"	7/16" (4.2 K)	205	14847B205	V261	\$1,914.71	3/8" (2.8 K)
2"	7/16" (4.2 K)	250	14847B250	V261	\$1,914.71	250
2"	1/2" (5.6 K)	175	14847C175	V261	\$1,914.71	1-1/2"
2"	1/2" (5.6 K)	205	14847C205	V261	\$1,914.71	3/8" (2.8 K)
2"	1/2" (5.6 K)	250	14847C250	V261	\$1,914.71	250
2"	17/32" (8.0 K)	175	14847D175	V261	\$1,914.71	1-1/2"
2"	17/32" (8.0 K)	205	14847D205	V261	\$1,914.71	3/8" (2.8 K)
2"	17/32" (8.0 K)	250	14847D250	V261	\$1,914.71	250
2"	ELO (11.2 K)	175	14874E175	V261	\$1,907.73	2"
2"	ELO (11.2 K)	205	14874E205	V261	\$1,907.73	3/8" (2.8 K)
2"	ELO (11.2 K)	250	14874E250	V261	\$1,907.73	250

(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™ 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	\$1,063.61
1-1/2"	15279	V262	\$1,135.66
2"	15288	V262	\$1,018.98
2-1/2"	15297	V262	\$1,029.71
3"	15300	V262	\$1,174.79
4"	15303	V262	\$1,369.52
6"	15294	V262	\$1,460.00
8"	15261	V262	\$1,719.33
Thread x Groove (schedule 40)			
1-1/4"	15273	V262	\$1,090.08
1-1/2"	15282	V262	\$1,144.80
2"	15291	V262	\$1,043.34
Thread x Thread (schedule 40)			
1-1/4"	15267	V262	\$1,065.17
1-1/2"	15276	V262	\$1,137.96
2"	15285	V262	\$1,052.07

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	\$1,793.48	
1-1/4"	7/16" (4.2 K)	15271B	V262	\$1,793.48	
1-1/4"	1/2" (5.6 K)	15271C	V262	\$1,793.48	
1-1/4"	17/32" (8.0 K)	15271D	V262	\$1,793.48	
1-1/4"	ELO (11.2 K)	15271E	V262	\$1,793.48	
1-1/2"	3/8" (2.8 K)	15280A	V262	\$1,796.04	
1-1/2"	7/16" (4.2 K)	15280B	V262	\$1,796.04	
1-1/2"	1/2" (5.6 K)	15280C	V262	\$1,796.04	
1-1/2"	17/32" (8.0 K)	15280D	V262	\$1,796.04	
1-1/2"	ELO (11.2 K)	15280E	V262	\$1,796.04	
2"	3/8" (2.8 K)	15289A	V262	\$1,768.66	
2"	7/16" (4.2 K)	15289B	V262	\$1,768.66	
2"	1/2" (5.6 K)	15289C	V262	\$1,768.66	
2"	17/32" (8.0 K)	15289D	V262	\$1,768.66	
2"	ELO (11.2 K)	15289E	V262	\$1,768.66	
2-1/2"	3/8" (2.8 K)	15298A	V262	\$1,782.68	
2-1/2"	7/16" (4.2 K)	15298B	V262	\$1,782.68	
2-1/2"	1/2" (5.6 K)	15298C	V262	\$1,782.68	
2-1/2"	17/32" (8.0 K)	15298D	V262	\$1,782.68	
2-1/2"	ELO (11.2 K)	15298E	V262	\$1,782.68	
2-1/2"	ESFR (14.0 K)	15298F	V262	\$1,782.68	
2-1/2"	ESFR (25.2 K)	15298G	V262	P.O.A.	
3"	3/8" (2.8 K)	15301A	V262	\$1,858.62	
3"	7/16" (4.2 K)	15301B	V262	\$1,858.62	
3"	1/2" (5.6 K)	15301C	V262	\$1,858.62	
3"	17/32" (8.0 K)	15301D	V262	\$1,858.62	
3"	ELO (11.2 K)	15301E	V262	\$1,858.62	
3"	ESFR (14.0 K)	15301F	V262	\$1,858.62	
3"	ESFR (25.2 K)	15301G	V262	P.O.A.	
4"	3/8" (2.8 K)	15304A	V262	\$2,535.16	
4"	7/16" (4.2 K)	15304B	V262	\$2,535.16	
4"	1/2" (5.6 K)	15304C	V262	\$2,535.16	
4"	17/32" (8.0 K)	15304D	V262	\$2,535.16	
4"	ELO (11.2 K)	15304E	V262	\$2,535.16	
4"	ESFR (14.0 K)	15304F	V262	\$2,535.16	
4"	ESFR (25.2 K)	15304G	V262	P.O.A.	
6"	3/8" (2.8 K)	15295A	V262	\$2,671.59	
6"	7/16" (4.2 K)	15295B	V262	\$2,671.59	
6"	1/2" (5.6 K)	15295C	V262	\$2,671.59	
6"	17/32" (8.0 K)	15295D	V262	\$2,671.59	
6"	ELO (11.2 K)	15295E	V262	\$2,671.59	
6"	ESFR (14.0 K)	15295F	V262	\$2,671.59	
6"	ESFR (25.2 K)	15295G	V262	P.O.A.	
8"	3/8" (2.8 K)	15262A	V262	\$2,957.82	
8"	7/16" (4.2 K)	15262B	V262	\$2,957.82	
8"	1/2" (5.6 K)	15262C	V262	\$2,957.82	
8"	17/32" (8.0 K)	15262D	V262	\$2,957.82	
8"	ELO (11.2 K)	15262E	V262	\$2,957.82	
8"	ESFR (14.0 K)	15262F	V262	\$2,957.82	
8"	ESFR (25.2 K)	15262G	V262	\$3,066.31	

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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	\$1,819.94	
1-1/4"	7/16" (4.2 K)	15274B	V262	\$1,819.94	
1-1/4"	1/2" (5.6 K)	15274C	V262	\$1,819.94	
1-1/4"	17/32" (8.0 K)	15274D	V262	\$1,819.94	
1-1/4"	17/32" (8.0 K)	15274E	V262	\$1,819.94	
1-1/2"	3/8" (2.8 K)	15283A	V262	\$1,805.19	
1-1/2"	7/16" (4.2 K)	15283B	V262	\$1,805.19	
1-1/2"	1/2" (5.6 K)	15283C	V262	\$1,805.19	
1-1/2"	17/32" (8.0 K)	15283D	V262	\$1,805.19	
1-1/2"	17/32" (8.0 K)	15283E	V262	\$1,805.19	
2"	3/8" (2.8 K)	15292A	V262	\$1,793.06	
2"	7/16" (4.2 K)	15292B	V262	\$1,793.06	
2"	1/2" (5.6 K)	15292C	V262	\$1,793.06	
2"	17/32" (8.0 K)	15292D	V262	\$1,793.06	
2"	ELO (11.2 K)	15292E	V262	\$1,793.06	
Thread x Thread (schedule 40)					
1-1/4"	3/8" (2.8 K)	15268A	V262	\$1,795.02	
1-1/4"	7/16" (4.2 K)	15268B	V262	\$1,795.02	
1-1/4"	1/2" (5.6 K)	15268C	V262	\$1,795.02	
1-1/4"	17/32" (8.0 K)	15268D	V262	\$1,795.02	
1-1/4"	17/32" (8.0 K)	15268E	V262	\$1,795.02	
1-1/2"	3/8" (2.8 K)	15277A	V262	\$1,798.89	
1-1/2"	7/16" (4.2 K)	15277B	V262	\$1,798.89	
1-1/2"	1/2" (5.6 K)	15277C	V262	\$1,798.89	
1-1/2"	17/32" (8.0 K)	15277D	V262	\$1,798.89	
1-1/2"	17/32" (8.0 K)	15277E	V262	\$1,798.89	
2"	3/8" (2.8 K)	15286A	V262	\$1,801.77	
2"	7/16" (4.2 K)	15286B	V262	\$1,801.77	
2"	1/2" (5.6 K)	15286C	V262	\$1,801.77	
2"	17/32" (8.0 K)	15286D	V262	\$1,801.77	
2"	ELO (11.2 K)	15286E	V262	\$1,801.77	

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	\$1,992.49
1-1/4"	3/8" (2.8 K)	205	15272A205	V262	\$1,992.49
1-1/4"	3/8" (2.8 K)	250	15272A250	V262	\$1,992.49
1-1/4"	7/16" (4.2 K)	175	15272B175	V262	\$1,992.49
1-1/4"	7/16" (4.2 K)	205	15272B205	V262	\$1,992.49
1-1/4"	7/16" (4.2 K)	250	15272B250	V262	\$1,992.49
1-1/4"	1/2" (5.6 K)	175	15272C175	V262	\$1,992.49
1-1/4"	1/2" (5.6 K)	205	15272C205	V262	\$1,992.49
1-1/4"	1/2" (5.6 K)	250	15272C250	V262	\$1,992.49
1-1/4"	17/32" (8.0 K)	175	15272D175	V262	\$1,992.49
1-1/4"	17/32" (8.0 K)	205	15272D205	V262	\$1,992.49
1-1/4"	17/32" (8.0 K)	250	15272D250	V262	\$1,992.49
1-1/4"	ELO (11.2 K)	175	15272E175	V261	\$1,992.49
1-1/4"	ELO (11.2 K)	205	15272E205	V261	\$1,992.49
1-1/4"	ELO (11.2 K)	250	15272E250	V261	\$1,992.49
1-1/2"	3/8" (2.8 K)	175	15281A175	V262	\$1,995.10
1-1/2"	3/8" (2.8 K)	205	15281A205	V262	\$1,995.10
1-1/2"	3/8" (2.8 K)	250	15281A250	V262	\$1,995.10
1-1/2"	7/16" (4.2 K)	175	15281B175	V262	\$1,995.10
1-1/2"	7/16" (4.2 K)	205	15281B205	V262	\$1,995.10
1-1/2"	7/16" (4.2 K)	250	15281B250	V262	\$1,995.10
1-1/2"	1/2" (5.6 K)	175	15281C175	V262	\$1,995.10
1-1/2"	1/2" (5.6 K)	205	15281C205	V262	\$1,995.10
1-1/2"	1/2" (5.6 K)	250	15281C250	V262	\$1,995.10
1-1/2"	17/32" (8.0 K)	175	15281D175	V262	\$1,995.10
1-1/2"	17/32" (8.0 K)	205	15281D205	V262	\$1,995.10
1-1/2"	17/32" (8.0 K)	250	15281D250	V262	\$1,995.10
1-1/2"	ELO (11.2 K)	175	15281E175	V261	\$1,995.10
1-1/2"	ELO (11.2 K)	205	15281E205	V261	\$1,995.10
1-1/2"	ELO (11.2 K)	250	15281E250	V261	\$1,995.10
Groove x Groove (schedule 10)					
2"	3/8" (2.8 K)	175	15290A175	V262	\$1,971.25
2"	3/8" (2.8 K)	205	15290A205	V262	\$1,971.25
2"	3/8" (2.8 K)	250	15290A250	V262	\$1,971.25
2"	7/16" (4.2 K)	175	15290B175	V262	\$1,971.25
2"	7/16" (4.2 K)	205	15290B205	V262	\$1,971.25
2"	7/16" (4.2 K)	250	15290B250	V262	\$1,971.25
2"	1/2" (5.6 K)	175	15290C175	V262	\$1,971.25
2"	1/2" (5.6 K)	205	15290C205	V262	\$1,971.25
2"	1/2" (5.6 K)	250	15290C250	V262	\$1,971.25
2"	17/32" (8.0 K)	175	15290D175	V262	\$1,971.25
2"	17/32" (8.0 K)	205	15290D205	V262	\$1,971.25
2"	17/32" (8.0 K)	250	15290D250	V262	\$1,971.25
2"	ELO (11.2 K)	175	15290E175	V261	\$1,971.25
2"	ELO (11.2 K)	205	15290E205	V261	\$1,971.25
2"	ELO (11.2 K)	250	15290E250	V261	\$1,971.25
2-1/2"	3/8" (2.8 K)	175	15299A175	V262	\$1,985.59
2-1/2"	3/8" (2.8 K)	205	15299A205	V262	\$1,985.59
2-1/2"	3/8" (2.8 K)	250	15299A250	V262	\$1,985.59
2-1/2"	7/16" (4.2 K)	175	15299B175	V262	\$1,985.59
2-1/2"	7/16" (4.2 K)	205	15299B205	V262	\$1,985.59
2-1/2"	7/16" (4.2 K)	250	15299B250	V262	\$1,985.59
2-1/2"	1/2" (5.6 K)	175	15299C175	V262	\$1,985.59
2-1/2"	1/2" (5.6 K)	205	15299C205	V262	\$1,985.59
2-1/2"	1/2" (5.6 K)	250	15299C250	V262	\$1,985.59
2-1/2"	17/32" (8.0 K)	175	15299D175	V262	\$1,985.59
2-1/2"	17/32" (8.0 K)	205	15299D205	V262	\$1,985.59
2-1/2"	17/32" (8.0 K)	250	15299D250	V262	\$1,985.59
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	\$1,985.59
2-1/2"	ESFR (14.0 K)	205	15299F205	V262	\$1,985.59
2-1/2"	ESFR (14.0 K)	250	15299F250	V262	\$1,985.59

(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	Size	Orifice Size	PRV ¹	Part #	IPG	List Price
Groove x Groove (schedule 10)											
3"	3/8" (2.8 K)	175	15302A175	V262	\$2,130.68	6"	3/8" (2.8 K)	175	15296A175	V262	\$2,870.63
3"	3/8" (2.8 K)	205	15302A205	V262	\$2,130.68	6"	3/8" (2.8 K)	205	15296A205	V262	\$2,870.63
3"	3/8" (2.8 K)	250	15302A250	V262	\$2,130.68	6"	3/8" (2.8 K)	250	15296A250	V262	\$2,870.63
3"	7/16" (4.2 K)	175	15302B175	V262	\$2,130.68	6"	7/16" (4.2 K)	175	15296B175	V262	\$2,870.63
3"	7/16" (4.2 K)	205	15302B205	V262	\$2,130.68	6"	7/16" (4.2 K)	205	15296B205	V262	\$2,870.63
3"	7/16" (4.2 K)	250	15302B250	V262	\$2,130.68	6"	7/16" (4.2 K)	250	15296B250	V262	\$2,870.63
3"	1/2" (5.6 K)	175	15302C175	V262	\$2,130.68	6"	1/2" (5.6 K)	175	15296C175	V262	\$2,870.63
3"	1/2" (5.6 K)	205	15302C205	V262	\$2,130.68	6"	1/2" (5.6 K)	205	15296C205	V262	\$2,870.63
3"	1/2" (5.6 K)	250	15302C250	V262	\$2,130.68	6"	1/2" (5.6 K)	250	15296C250	V262	\$2,870.63
3"	17/32" (8.0 K)	175	15302D175	V262	\$2,130.68	6"	17/32" (8.0 K)	175	15296D175	V262	\$2,870.63
3"	17/32" (8.0 K)	205	15302D205	V262	\$2,130.68	6"	17/32" (8.0 K)	205	15296D205	V262	\$2,870.63
3"	17/32" (8.0 K)	250	15302D250	V262	\$2,130.68	6"	17/32" (8.0 K)	250	15296D250	V262	\$2,870.63
3"	ELO (11.2 K)	175	15302E175	V261	\$2,130.68	6"	ELO (11.2 K)	175	15296E175	V261	\$2,870.63
3"	ELO (11.2 K)	205	15302E205	V261	\$2,130.68	6"	ELO (11.2 K)	205	15296E205	V261	\$2,870.63
3"	ELO (11.2 K)	250	15302E250	V261	\$2,130.68	6"	ELO (11.2 K)	250	15296E250	V261	\$2,870.63
3"	ESFR (14.0 K)	175	15302F175	V262	\$2,130.68	6"	ESFR (14.0 K)	175	15296F175	V262	\$2,870.63
3"	ESFR (14.0 K)	205	15302F205	V262	\$2,130.68	6"	ESFR (14.0 K)	205	15296F205	V262	\$2,870.63
3"	ESFR (14.0 K)	250	15302F250	V262	\$2,130.68	6"	ESFR (14.0 K)	250	15296F250	V262	\$2,870.63
3"	ESFR (25.2 K)	175	15302G175	V262	P.O.A.	6"	ESFR (25.2 K)	175	15296G175	V262	\$2,870.63
3"	ESFR (25.2 K)	205	15302G205	V262	P.O.A.	6"	ESFR (25.2 K)	205	15296G205	V262	P.O.A.
3"	ESFR (25.2 K)	250	15302G250	V262	P.O.A.	6"	ESFR (25.2 K)	250	15296G250	V262	P.O.A.
4"	3/8" (2.8 K)	175	15305A175	V262	\$2,734.19	8"	3/8" (2.8 K)	175	15263A175	V262	\$3,169.31
4"	3/8" (2.8 K)	205	15305A205	V262	\$2,734.19	8"	3/8" (2.8 K)	205	15263A205	V262	\$3,169.31
4"	3/8" (2.8 K)	250	15305A250	V262	\$2,734.19	8"	3/8" (2.8 K)	250	15263A250	V262	\$3,169.31
4"	7/16" (4.2 K)	175	15305B175	V262	\$2,734.19	8"	7/16" (4.2 K)	175	15263B175	V262	\$3,169.31
4"	7/16" (4.2 K)	205	15305B205	V262	\$2,734.19	8"	7/16" (4.2 K)	205	15263B205	V262	\$3,169.31
4"	7/16" (4.2 K)	250	15305B250	V262	\$2,734.19	8"	7/16" (4.2 K)	250	15263B250	V262	\$3,169.31
4"	1/2" (5.6 K)	175	15305C175	V262	\$2,734.19	8"	1/2" (5.6 K)	175	15263C175	V262	\$3,169.31
4"	1/2" (5.6 K)	205	15305C205	V262	\$2,734.19	8"	1/2" (5.6 K)	205	15263C205	V262	\$3,169.31
4"	1/2" (5.6 K)	250	15305C250	V262	\$2,734.19	8"	1/2" (5.6 K)	250	15263C250	V262	\$3,169.31
4"	17/32" (8.0 K)	175	15305D175	V262	\$2,734.19	8"	17/32" (8.0 K)	175	15263D175	V262	\$3,169.31
4"	17/32" (8.0 K)	205	15305D205	V262	\$2,734.19	8"	17/32" (8.0 K)	205	15263D205	V262	\$3,169.31
4"	17/32" (8.0 K)	250	15305D250	V262	\$2,734.19	8"	17/32" (8.0 K)	250	15263D250	V262	\$3,169.31
4"	ELO (11.2 K)	175	15305E175	V261	\$2,734.19	8"	ELO (11.2 K)	175	15263E175	V261	\$3,169.31
4"	ELO (11.2 K)	205	15305E205	V261	\$2,734.19	8"	ELO (11.2 K)	205	15263E205	V261	\$3,169.31
4"	ELO (11.2 K)	250	15305E250	V261	\$2,734.19	8"	ELO (11.2 K)	250	15263E250	V261	\$3,169.31
4"	ESFR (14.0 K)	175	15305F175	V262	\$2,734.19	8"	ESFR (14.0 K)	175	15263F175	V262	\$3,169.31
4"	ESFR (14.0 K)	205	15305F205	V262	\$2,734.19	8"	ESFR (14.0 K)	205	15263F205	V262	\$3,169.31
4"	ESFR (14.0 K)	250	15305F250	V262	\$2,734.19	8"	ESFR (14.0 K)	250	15263F250	V262	\$3,169.31
4"	ESFR (25.2 K)	175	15305G175	V262	P.O.A.	8"	ESFR (25.2 K)	175	15263G175	V262	\$3,277.77
4"	ESFR (25.2 K)	205	15305G205	V262	P.O.A.	8"	ESFR (25.2 K)	205	15263G205	V262	\$3,277.77
4"	ESFR (25.2 K)	250	15305G250	V262	P.O.A.	8"	ESFR (25.2 K)	250	15263G250	V262	\$3,277.77

(1) Refers to factory pressure setting (psi) of pressure relief valve (PRV). See technical data page # 31 a-e for details.

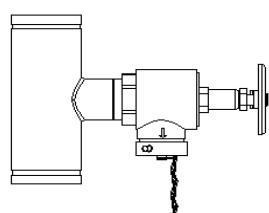
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FLOOR CONTROL (with TESTanDRAIN® and PRV)											
Size	Orifice Size	PRV ¹	Part #	IPG	List Price	Size	Orifice Size	PRV ¹	Part #	IPG	List Price
Thread x Groove (schedule 40)							Thread x Thread (schedule 40)				
1-1/4"	3/8" (2.8 K)	175	15275A175	V262	\$2,018.96	1-1/4"	3/8" (2.8 K)	175	15269A175	V262	\$1,994.05
1-1/4"	3/8" (2.8 K)	205	15275A205	V262	\$2,018.96	1-1/4"	3/8" (2.8 K)	205	15269A205	V262	\$1,994.05
1-1/4"	3/8" (2.8 K)	250	15275A250	V262	\$2,018.96	1-1/4"	3/8" (2.8 K)	250	15269A250	V262	\$1,994.05
1-1/4"	7/16" (4.2 K)	175	15275B175	V262	\$2,018.96	1-1/4"	7/16" (4.2 K)	175	15269B175	V262	\$1,994.05
1-1/4"	7/16" (4.2 K)	205	15275B205	V262	\$2,018.96	1-1/4"	7/16" (4.2 K)	205	15269B205	V262	\$1,994.05
1-1/4"	7/16" (4.2 K)	250	15275B250	V262	\$2,018.96	1-1/4"	7/16" (4.2 K)	250	15269B250	V262	\$1,994.05
1-1/4"	1/2" (5.6 K)	175	15275C175	V262	\$2,018.96	1-1/4"	1/2" (5.6 K)	175	15269C175	V262	\$1,994.05
1-1/4"	1/2" (5.6 K)	205	15275C205	V262	\$2,018.96	1-1/4"	1/2" (5.6 K)	205	15269C205	V262	\$1,994.05
1-1/4"	1/2" (5.6 K)	250	15275C250	V262	\$2,018.96	1-1/4"	1/2" (5.6 K)	250	15269C250	V262	\$1,994.05
1-1/4"	17/32" (8.0 K)	175	15275D175	V262	\$2,018.96	1-1/4"	17/32" (8.0 K)	175	15269D175	V262	\$1,994.05
1-1/4"	17/32" (8.0 K)	205	15275D205	V262	\$2,018.96	1-1/4"	17/32" (8.0 K)	205	15269D205	V262	\$1,994.05
1-1/4"	17/32" (8.0 K)	250	15275D250	V262	\$2,018.96	1-1/4"	17/32" (8.0 K)	250	15269D250	V262	\$1,994.05
1-1/4"	ELO (11.2 K)	175	15275E175	V261	\$2,018.96	1-1/4"	ELO (11.2 K)	175	15269E175	V261	\$1,994.05
1-1/4"	ELO (11.2 K)	205	15275E205	V261	\$2,018.96	1-1/4"	ELO (11.2 K)	205	15269E205	V261	\$1,994.05
1-1/4"	ELO (11.2 K)	250	15275E250	V261	\$2,018.96	1-1/4"	ELO (11.2 K)	250	15269E250	V261	\$1,994.05
1-1/2"	3/8" (2.8 K)	175	15284A175	V262	\$2,004.22	1-1/2"	3/8" (2.8 K)	175	15278A175	V262	\$1,997.91
1-1/2"	3/8" (2.8 K)	205	15284A205	V262	\$2,004.22	1-1/2"	3/8" (2.8 K)	205	15278A205	V262	\$1,997.91
1-1/2"	3/8" (2.8 K)	250	15284A250	V262	\$2,004.22	1-1/2"	3/8" (2.8 K)	250	15278A250	V262	\$1,997.91
1-1/2"	7/16" (4.2 K)	175	15284B175	V262	\$2,004.22	1-1/2"	7/16" (4.2 K)	175	15278B175	V262	\$1,997.91
1-1/2"	7/16" (4.2 K)	205	15284B205	V262	\$2,004.22	1-1/2"	7/16" (4.2 K)	205	15278B205	V262	\$1,997.91
1-1/2"	7/16" (4.2 K)	250	15284B250	V262	\$2,004.22	1-1/2"	7/16" (4.2 K)	250	15278B250	V262	\$1,997.91
1-1/2"	1/2" (5.6 K)	175	15284C175	V262	\$2,004.22	1-1/2"	1/2" (5.6 K)	175	15278C175	V262	\$1,997.91
1-1/2"	1/2" (5.6 K)	205	15284C205	V262	\$2,004.22	1-1/2"	1/2" (5.6 K)	205	15278C205	V262	\$1,997.91
1-1/2"	1/2" (5.6 K)	250	15284C250	V262	\$2,004.22	1-1/2"	1/2" (5.6 K)	250	15278C250	V262	\$1,997.91
1-1/2"	17/32" (8.0 K)	175	15284D175	V262	\$2,004.22	1-1/2"	17/32" (8.0 K)	175	15278D175	V262	\$1,997.91
1-1/2"	17/32" (8.0 K)	205	15284D205	V262	\$2,004.22	1-1/2"	17/32" (8.0 K)	205	15278D205	V262	\$1,997.91
1-1/2"	17/32" (8.0 K)	250	15284D250	V262	\$2,004.22	1-1/2"	17/32" (8.0 K)	250	15278D250	V262	\$1,997.91
1-1/2"	ELO (11.2 K)	175	15284E175	V261	\$2,004.22	1-1/2"	ELO (11.2 K)	175	15278E175	V261	\$1,997.91
1-1/2"	ELO (11.2 K)	205	15284E205	V261	\$2,004.22	1-1/2"	ELO (11.2 K)	205	15278E205	V261	\$1,997.91
1-1/2"	ELO (11.2 K)	250	15284E250	V261	\$2,004.22	1-1/2"	ELO (11.2 K)	250	15278E250	V261	\$1,997.91
2"	3/8" (2.8 K)	175	15293A175	V262	\$1,995.64	2"	3/8" (2.8 K)	175	15287A175	V262	\$2,004.35
2"	3/8" (2.8 K)	205	15293A205	V262	\$1,995.64	2"	3/8" (2.8 K)	205	15287A205	V262	\$2,004.35
2"	3/8" (2.8 K)	250	15293A250	V262	\$1,995.64	2"	3/8" (2.8 K)	250	15287A250	V262	\$2,004.35
2"	7/16" (4.2 K)	175	15293B175	V262	\$1,995.64	2"	7/16" (4.2 K)	175	15287B175	V262	\$2,004.35
2"	7/16" (4.2 K)	205	15293B205	V262	\$1,995.64	2"	7/16" (4.2 K)	205	15287B205	V262	\$2,004.35
2"	7/16" (4.2 K)	250	15293B250	V262	\$1,995.64	2"	7/16" (4.2 K)	250	15287B250	V262	\$2,004.35
2"	1/2" (5.6 K)	175	15293C175	V262	\$1,995.64	2"	1/2" (5.6 K)	175	15287C175	V262	\$2,004.35
2"	1/2" (5.6 K)	205	15293C205	V262	\$1,995.64	2"	1/2" (5.6 K)	205	15287C205	V262	\$2,004.35
2"	1/2" (5.6 K)	250	15293C250	V262	\$1,995.64	2"	1/2" (5.6 K)	250	15287C250	V262	\$2,004.35
2"	17/32" (8.0 K)	175	15293D175	V262	\$1,995.64	2"	17/32" (8.0 K)	175	15287D175	V262	\$2,004.35
2"	17/32" (8.0 K)	205	15293D205	V262	\$1,995.64	2"	17/32" (8.0 K)	205	15287D205	V262	\$2,004.35
2"	17/32" (8.0 K)	250	15293D250	V262	\$1,995.64	2"	17/32" (8.0 K)	250	15287D250	V262	\$2,004.35
2"	ELO (11.2 K)	175	15293E175	V261	\$1,995.64	2"	ELO (11.2 K)	175	15287E175	V261	\$2,004.35
2"	ELO (11.2 K)	205	15293E205	V261	\$1,995.64	2"	ELO (11.2 K)	205	15287E205	V261	\$2,004.35
2"	ELO (11.2 K)	250	15293E250	V261	\$1,995.64	2"	ELO (11.2 K)	250	15287E250	V261	\$2,004.35

(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™ 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	\$1,191.51
4"	15577	V253	\$1,201.46
6"	15578	V253	\$1,272.57
DOMESTIC¹			
3"	15573	V253	\$2,288.41
4"	15574	V253	\$2,298.35
6"	15575	V253	\$2,369.51

- (1) Domestic part numbers include
100% US made components.



Valve Configurator | Dynamic System Renderings

Viking's "Valve and System Configurator" allows users to interactively build a complete system riser for Viking's wet, dry, deluge and preaction systems.

The complex process of identifying and ordering the proper valve and trim combination for virtually any fire protection challenge has never been easier — and the ability to configure your own system is now at your fingertips.

Visit webtools.vikingcorp.com/valveconfig to build your system now.



Section M
Dry Pipe Systems

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Dry Pipe System (Model G)	M-1
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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 20, 2020. Supersedes January 2019 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	\$8,674.53	V232
G-3000	3"	16150-1	\$9,520.06	V232
G-4000	4"	15647-1	\$10,178.60	V232
G-6000	6"	17048-1	\$11,974.82	V232

Model G Dry System - Optional Drain Manifold Assembly

Model	Size	Part Number	List Price	Item Price Group
G-2000	2"	16211	\$474.19	V232
G-3000	3"	16212	\$610.02	V232
G-4000	4"	15588	\$684.37	V232
G-6000	6"	17056	\$684.37	V232

Model G Dry Systems - DOMESTIC USA OPTION

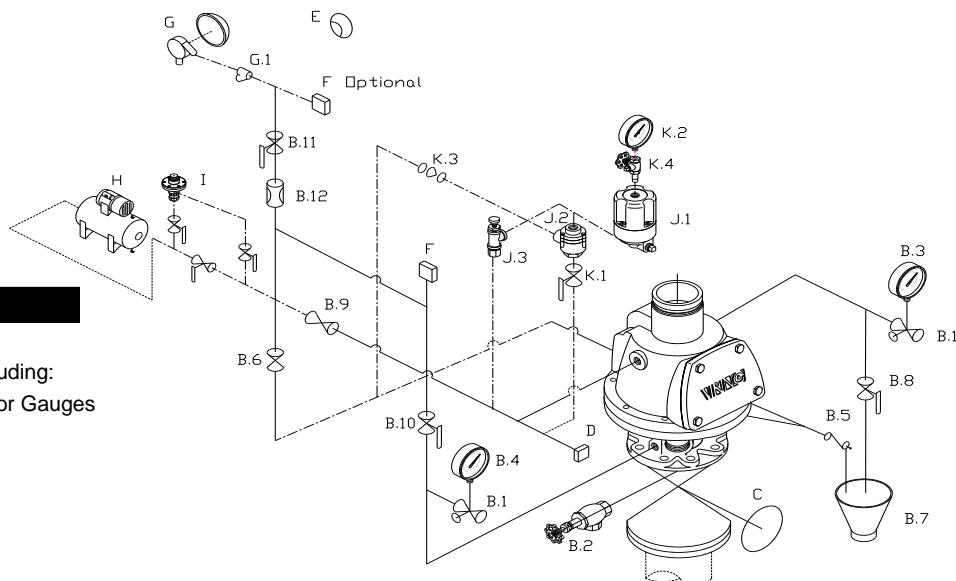
Model	Size	Part Number	List Price	Item Price Group
G-2000	2"	16149-1USA	\$9,103.21	V232
G-3000	3"	16150-1USA	\$13,600.06	V232
G-4000	4"	15647-1USA	\$14,540.86	V232
G-6000	6"	17048-1USA	\$17,106.88	V232

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	\$4,396.36	10158	\$1,694.30
4"	07628	\$4,927.33	08395	\$1,731.13
6"	08464	\$6,160.80	09456	\$1,731.13

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	\$4,396.36	10158	\$1,694.30
4"	07627	\$4,927.33	08395	\$1,731.13
6"	08491	\$6,160.80	09456	\$1,731.13

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	\$4,396.36	10158	\$1,694.30
4"	13765	\$4,927.33	08395	\$1,731.13
6"	13766	\$6,160.80	09456	\$1,731.13

(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 \$2,420.40
4"	08395USA \$2,473.08
6"	09456USA \$2,473.08

(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 09881	List Price \$1,911.50		Accelerator Trim (Model D-2) (Galvanized)
	V226				Model D-2 09730
					DOMESTIC¹
					Model D-2 09730USA
					List Price \$444.41
					\$592.55
				V222	
Accelerator (E-1) / Anti-Flood Device (B-1)		E-1 Accelerator (only) 08055	List Price \$1,592.32	Accelerator / Anti-Flood Trim (galvanized)	
	V226			STANDARD	DOMESTIC¹
				Part #	List Price
				08264	\$638.94
				08264USA	\$851.91
				Includes:	
				- Air Gauge	
				- ½" / 15mm Anti-Flood Isolation Vlv	
				- ½" / 15mm Swing Check Valve	
				- Nipples, Fittings, Plugs	
				- Float Check Valve	
				V222	
Accelerator/Anti-Flood Package (include E-1 and B-1)	08116	\$1,885.06	Use only with tank-mounted air compressor and listed air maintenance device	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 1/4" / DN8	Part # 02280C	List Price \$760.27	Model D-2 - Air Pressure Maintenance Device	Size 1/2" / DN15	Part # 07459	List Price \$1,336.01
	V226				DOMESTIC¹	Size 1/2" / DN15	Part # 07459USA	List Price \$1,781.34
	V226				Filter Kit	Part #	List Price	
	V249				03007A		\$47.43	

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	\$3,695.03
230V single phase, 60 Cycle AC - Service Factor Amperage: 3.7, Factory Wired 230 V	19192	\$3,709.97
230V single phase, 50 Cycle AC - Service Factor Amperage: 2.6, Factory Wired 230 V	19193	\$3,538.17

(1) Meets sourcing requirements of Buy American Act, American Reinvestment and Recovery Act, and Buy American Law.

Accessories (Included with standard dry valve trim)

<u>Model G Optional Drain Manifold Assembly</u>				<u>Dry Valve Accessory Package</u>								
				<u>Includes:</u> <ul style="list-style-type: none"> - 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 								
V232				IPG V226								
Model	Size	Part Number	List Price	Part Number	List Price							
G-2000	2"	16211	\$474.19	08397	\$627.89							
G-3000	3"	16212	\$610.02									
G-4000	4"	15588	\$684.37									
G-6000	6"	17056	\$684.37									
<u>Water Gauge</u>				<u>Air Gauge</u>								
0-300 psi (2,068 kPa)				0-80 psi (554 kPa)								
 <u>1/4" / DN8</u> VWATERSF \$26.93 SR295				 <u>1/4" / DN8</u> VAIRSF \$26.93 SR295								
<u>Alarm Test/Alarm Shut-Off Valve</u>				<u>Globe Valve for Gauges (side outlet)</u>								
<u>(1/2" Ball Valve)</u> <u>1/2" / DN15</u> 10355 \$54.66 V226				 <u>1/4" / DN8</u> 76V-25 \$21.58 SR140								
<u>Drip Check Valve - Model D-3</u>				<u>Drain Cup</u>								
<u>Velocity Check</u> <u>3/4" / DN20</u> 10732 \$178.87 V226				 <u>1 1/2" / DN40</u> 01019B \$19.27 V226								
<u>Restricted Orifice</u>				<u>Dry Valve Wrench & Reset Bar</u>								
<u>1/16" / 1.5mm</u> <u>1/4" / DN8</u> 10110 \$38.92 V226				 <u>02977BWB</u> \$244.35 V226								
<u>Angle Valve</u>				<u>Swing Check Valve</u>								
<u>1 1/2" / DN40</u> Use with 3" <u>2" / DN50</u> Use with 4" Use with 6" 				 <u>1/2" / DN15</u> KT403W-50 \$85.65 SR140								
<u>Anti-Column Device (Model LD-1)</u>				<u>Restricted Orifice</u>								
 <u>14800</u> \$511.69 *install in vertical position V226				 <u>7/32" / 5mm</u> 06980A \$21.32 V226								
<u>Anti-Column Device Trim</u>												
				 14816 \$195.87 V226								
<u>Float Check Valve (Model B-1/B-2)</u>												
<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>Brass - 1/2" / DN15 (B-1)</td><td>Corrosion Resistant (B-2)</td></tr> <tr> <td>12116</td><td>\$330.79</td></tr> <tr> <td>12084</td><td>\$809.94</td></tr> </table>				Brass - 1/2" / DN15 (B-1)	Corrosion Resistant (B-2)	12116	\$330.79	12084	\$809.94			
Brass - 1/2" / DN15 (B-1)	Corrosion Resistant (B-2)											
12116	\$330.79											
12084	\$809.94											
				V226								

Accessories (NOT included with standard dry valve trim)

<u>Dry Valve Wrench & Reset Bar</u>	<u>Glass Strut Head</u> (for Model B-1 accelerator)	<u>Drip Check Valve (Model D-2)</u> (for Model B-1 accelerator)
 <u>02977BWB</u> \$244.35 V226	 03226C \$71.24 V249	 10731 \$279.70 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

Notes



Section N
Deluge Systems

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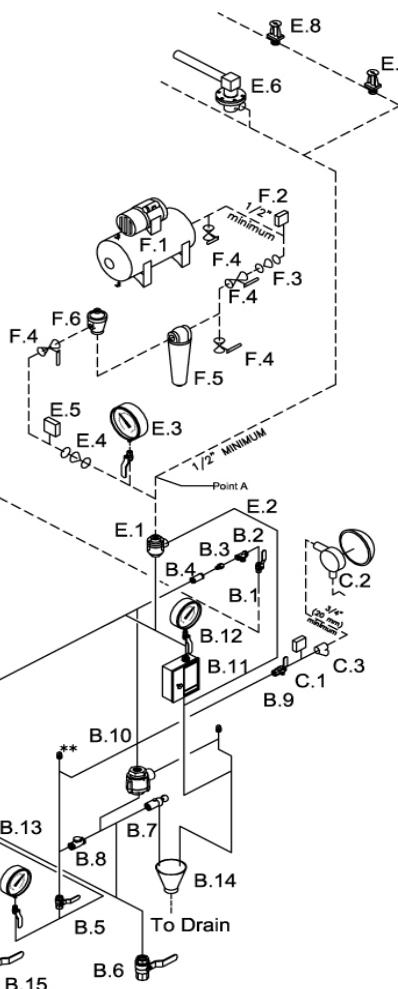
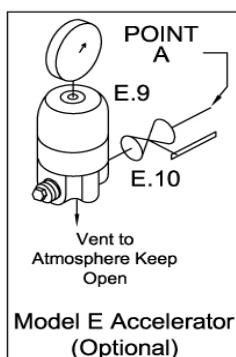
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Notes

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 20, 2020. Supersedes January 2019 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)
 - 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-Interruptible Alarm Pressure Switch (Optional)

Above components are included in QuikPik packages as customized by user. See page N-2

Model F Deluge / Preation Valve* - STRAIGHT THROUGH

V233	1-1/2"	2"	2-1/2"	3"	4"	6"	8"
Thread X Thread	12126 \$3,008.59	12059 \$3,109.63	12401 \$4,106.31	N/A	N/A	N/A	N/A
Flange X Flange	N/A	N/A	N/A	12014 \$4,106.31	11953 \$5,348.85	11955 \$7,316.26	11991 \$16,572.21
Flange X Groove	N/A	N/A	N/A	12018 \$4,106.31	11952 \$5,348.85	11954 \$7,316.26	N/A
Groove X Groove	12125 \$3,008.59	12057 \$3,109.63	12403 \$4,106.31	12022 \$4,106.31	11513 \$5,348.85	11524 \$7,316.26	11018 \$16,572.21

Model E Deluge / Preation Valve* - ANGLE STYLE

V233.1	1-1/2"	2"	3"	4"	6"
Thread X Thread	09889 \$1,559.56	05852C \$3,477.61	N/A	N/A	N/A
Flange X Flange	N/A	N/A	05912C \$4,592.20	05909C \$5,981.81	05906C \$8,182.05
Flange X Groove	N/A	N/A	05835C \$4,592.20	05839C \$5,981.81	05456C \$8,182.05
Groove X Groove	N/A	22027 \$3,477.62	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		<u>13788B-2</u> \$5,315.49						

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)	<u>11894-1</u> \$548.37	<u>11894-2</u> \$443.55	<u>11894-3</u> \$502.66	<u>11894-3</u> \$502.66	<u>11894-4</u> \$645.13	<u>11894-4</u> \$645.13	<u>11894-4</u> \$645.13
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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)	<u>14634-1</u> \$3,353.17	<u>14634-1</u> \$3,353.17	<u>14636-1</u> \$3,281.51	<u>14636-1</u> \$3,281.51	<u>14639-1</u> \$3,433.76	<u>14641-1</u> \$3,441.82	<u>14642-1</u> \$4,985.62
Modular Trim (incl. accessory pkg-09316)	<u>14634-1P</u> \$3,655.92	<u>14634-1P</u> \$3,655.92	<u>14636-1P</u> \$3,584.22	<u>14636-1P</u> \$3,584.22	<u>14639-1P</u> \$3,737.92	<u>14641-1P</u> \$3,745.94	<u>14642-1P</u> \$5,289.75

Trim (Vertical - Angle Style Valve) - Galvanized (IPG V236)

Loose Trim (incl. accessory pkg-09316)	<u>14629-1</u> \$3,511.34	<u>14630-1</u> \$3,379.78	N/A	<u>14631-1</u> \$3,436.29	<u>14632-1</u> \$3,595.77	<u>14633-1</u> \$3,604.16	N/A
Modular Trim (incl. accessory pkg-09316)	<u>14629-1P</u> \$3,814.07	<u>14630-1P</u> \$3,682.53	N/A	<u>14631-1P</u> \$3,739.03	<u>14632-1P</u> \$3,898.48	<u>14633-1P</u> \$3,906.91	N/A

1-1/2"	2"	2-1/2"	3"	4"	6"	8"
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Releasing Devices (IPG V226)

Pneumatic Actuator	<u>06459B</u> \$643.93						
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Releasing Trim - Galvanized (IPG V238)

Loose Trim (releasing device not incl.)	<u>10809</u> \$100.89						
Modular Trim (releasing device not incl.)	<u>10809P</u> \$449.63						
Loose Trim-DOMESTIC ¹ (releasing device not incl.)	<u>10809USA</u> \$134.52						

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

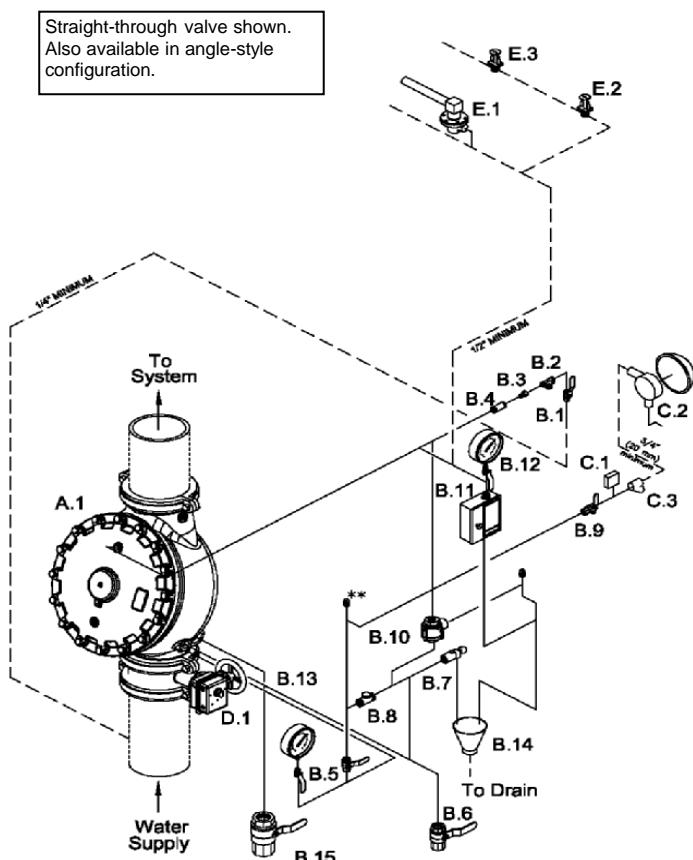
Viking's exclusive Quik Pik packages allow you to customize the components needed in your deluge or preaction system. Contact your customer service center today to see how quick & easy ordering a deluge or preaction system can be.

SQP00010 (1 1/2" - 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



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-interruptible 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	<u>12126</u> \$3,008.59	<u>12059</u> \$3,109.63	<u>12401</u> \$4,106.31	N/A	N/A	N/A	N/A
Flange X Flange	N/A	N/A	N/A	<u>12014</u> \$4,106.31	<u>11953</u> \$5,348.85	<u>11955</u> \$7,316.26	<u>11991</u> \$16,572.21
Flange X Groove	N/A	N/A	N/A	<u>12018</u> \$4,106.31	<u>11952</u> \$5,348.85	<u>11954</u> \$7,316.26	N/A
Groove X Groove	<u>12125</u> \$3,008.59	<u>12057</u> \$3,109.63	<u>12403</u> \$4,106.31	<u>12022</u> \$4,106.31	<u>11513</u> \$5,348.85	<u>11524</u> \$7,316.26	<u>11018</u> \$16,572.21

Model E Deluge / Preaction Valve* - ANGLE STYLE

V233.1	1-1/2"	2"	3"	4"	6"
Thread X Thread	<u>09889</u> \$1,559.56	<u>05852C</u> \$3,477.61	N/A	N/A	N/A
Flange X Flange	N/A	N/A	<u>05912C</u> \$4,592.20	<u>05909C</u> \$5,981.81	<u>05906C</u> \$8,182.05
Flange X Groove	N/A	N/A	<u>05835C</u> \$4,592.20	<u>05839C</u> \$5,981.81	<u>05456C</u> \$8,182.05
Groove X Groove	N/A	<u>22027</u> \$3,477.62	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 (incl. accessory pkg-09316)	<u>14634-1</u> \$3,353.17	<u>14634-1</u> \$3,353.17	<u>14636-1</u> \$3,281.51	<u>14636-1</u> \$3,281.51	<u>14639-1</u> \$3,433.76	<u>14641-1</u> \$3,441.82	<u>14642-1</u> \$4,985.62
Modular Trim (incl. accessory pkg-09316)	<u>14634-1P</u> \$3,655.92	<u>14634-1P</u> \$3,655.92	<u>14636-1P</u> \$3,584.22	<u>14636-1P</u> \$3,584.22	<u>14639-1P</u> \$3,737.92	<u>14641-1P</u> \$3,745.94	<u>14642-1P</u> \$5,289.75

Trim (Vertical - Angle Style Valve) - Galvanized (IPG V236)

Loose Trim (incl. accessory pkg-09316)	<u>14629-1</u> \$3,511.34	<u>14630-1</u> \$3,379.78	N/A	<u>14631-1</u> \$3,436.29	<u>14632-1</u> \$3,595.77	<u>14633-1</u> \$3,604.16	N/A
Modular Trim (incl. accessory pkg-09316)	<u>14629-1P</u> \$3,814.07	<u>14630-1P</u> \$3,682.53	N/A	<u>14631-1P</u> \$3,739.03	<u>14632-1P</u> \$3,898.48	<u>14633-1P</u> \$3,906.91	N/A

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

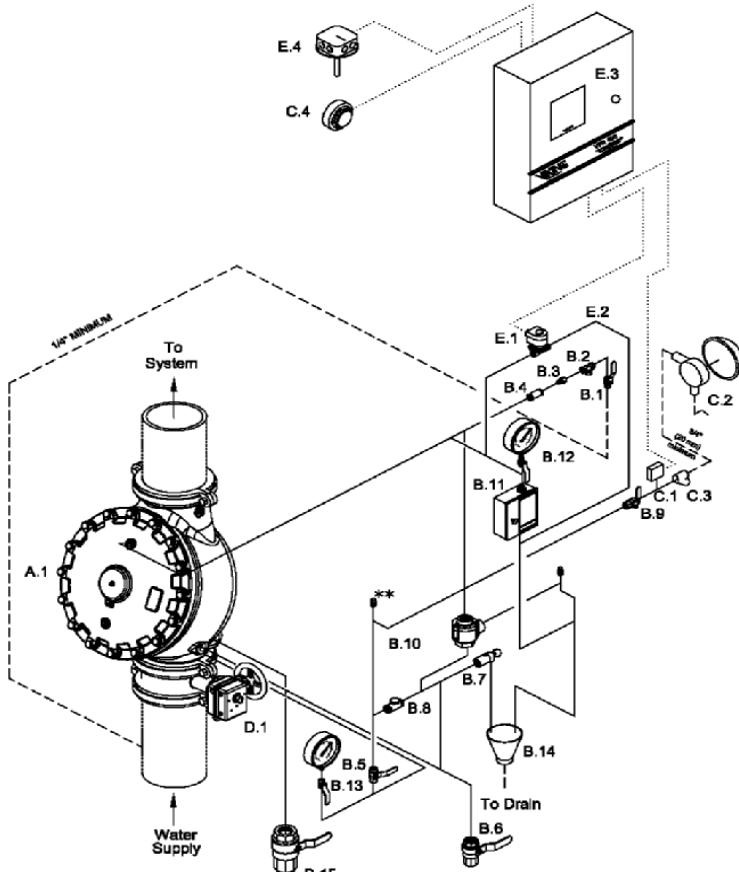
Viking's exclusive Quik Pik packages allow you to customize the components needed in your deluge or preaction system. Contact your customer service center today to see how quick & easy ordering a deluge or preaction system can be.

SQP00090 (1 1/2" - 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	<u>12126</u> \$3,008.59	<u>12059</u> \$3,109.63	<u>12401</u> \$4,106.31	N/A	N/A	N/A	N/A
Flange X Flange	N/A	N/A	N/A	<u>12014</u> \$4,106.31	<u>11953</u> \$5,348.85	<u>11955</u> \$7,316.26	<u>11991</u> \$16,572.21
Flange X Groove	N/A	N/A	N/A	<u>12018</u> \$4,106.31	<u>11952</u> \$5,348.85	<u>11954</u> \$7,316.26	N/A
Groove X Groove	<u>12125</u> \$3,008.59	<u>12057</u> \$3,109.63	<u>12403</u> \$4,106.31	<u>12022</u> \$4,106.31	<u>11513</u> \$5,348.85	<u>11524</u> \$7,316.26	<u>11018</u> \$16,572.21

Model E Deluge / Preaction Valve* - ANGLE STYLE

V233	1-1/2"	2"	3"	4"	6"
Thread X Thread	<u>09889</u> \$1,559.56	<u>05852C</u> \$3,477.61	N/A	N/A	N/A
Flange X Flange	N/A	N/A	<u>05912C</u> \$4,592.20	<u>05909C</u> \$5,981.81	<u>05906C</u> \$8,182.05
Flange X Groove	N/A	N/A	<u>05835C</u> \$4,592.20	<u>05839C</u> \$5,981.81	<u>05456C</u> \$8,182.05
Groove X Groove	N/A	<u>22027</u> \$3,477.62	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		<u>13787B-1</u>						
		\$5,413.12	\$5,413.12	\$5,413.12	\$5,413.12	\$5,413.12	\$5,413.12	\$5,413.12

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)	<u>11894-1</u> \$548.37	<u>11894-2</u> \$443.55	<u>11894-3</u> \$502.66	<u>11894-3</u> \$502.66	<u>11894-4</u> \$645.13	<u>11894-4</u> \$645.13	<u>11894-4</u> \$645.13
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1-1/2"	2"	2-1/2"	3"	4"	6"	8"
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Trim (Vertical - Straight Through Valve) - Galvanized (IPG V236)

Loose Trim (incl. accessory pkg-09316)	<u>14634-1</u> \$3,353.17	<u>14634-1</u> \$3,353.17	<u>14636-1</u> \$3,281.51	<u>14636-1</u> \$3,281.51	<u>14639-1</u> \$3,433.76	<u>14641-1</u> \$3,441.82	<u>14642-1</u> \$4,985.62
Modular Trim (incl. accessory pkg-09316)	<u>14634-1P</u> \$3,655.92	<u>14634-1P</u> \$3,655.92	<u>14636-1P</u> \$3,584.22	<u>14636-1P</u> \$3,584.22	<u>14639-1P</u> \$3,737.92	<u>14641-1P</u> \$3,745.94	<u>14642-1P</u> \$5,289.75

Trim (Vertical - Angle Style Valve) - Galvanized (IPG V236)

Loose Trim (incl. accessory pkg-09316)	<u>14629-1</u> \$3,511.34	<u>14630-1</u> \$3,379.78	N/A	<u>14631-1</u> \$3,436.29	<u>14632-1</u> \$3,595.77	<u>14633-1</u> \$3,604.16	N/A
Modular Trim (incl. accessory pkg-09316)	<u>14629-1P</u> \$3,814.07	<u>14630-1P</u> \$3,682.53	N/A	<u>14631-1P</u> \$3,739.03	<u>14632-1P</u> \$3,898.48	<u>14633-1P</u> \$3,906.91	N/A

1-1/2"	2"	2-1/2"	3"	4"	6"	8"
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Releasing Devices (IPG V240)

Solenoid Valve	<u>11601</u> \$999.44						
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Releasing Trim - Galvanized (IPG V238)

Loose Trim (releasing device not incl.)	<u>10830</u> \$104.16						
Modular Trim (releasing device not incl.)	<u>10830P</u> \$449.63						
Loose Trim-DOMESTIC ¹ (releasing device not incl.)	<u>10830USA</u> \$138.86						

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

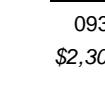
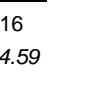
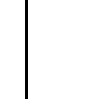
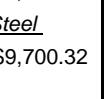
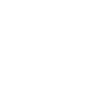
Viking's exclusive Quik Pik packages allow you to customize the components needed in your deluge or preaction system. Contact your customer service center today to see how quick & easy ordering a deluge or preaction system can be.

SQP00170 (1 1/2" - 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)	Speed Control Assembly (use with trim to control speed of valve opening)
(included with deluge/preaction trim)	
Includes:	
- 1/16" Restricted Orifice	<u>Galvanized</u>
- Emergency Release	09316
- Drip Check	\$2,304.59
- 1/4" / 8mm Check Valve	
- 1/4" / 8mm Strainer	<u>Stainless Steel *</u>
- Drain Cup	09743
- PORV	\$3,214.28
- Drain Check	* Does not include PORV
- 1/2" Ball Valve	IPG V226
Pressure Operated Relief Valve (PORV) - Model D-3	Pressure Operated Relief Valve (PORV) - Model D-4
 <u>1/2" / DN15</u> <u>Brass</u> 16970 \$1,503.36 IPG V242	 <u>1/2" / DN15</u> <u>Corrosion Resistant</u> 16971 \$2,312.86 IPG V242
Globe Valve for Gauges (side outlet)	Restricted Orifice
 <u>1/4" / DN8</u> 76V-25 \$21.58 IPG V226	 <u>1/4" (DN8)</u> 1/16" (1.6mm) 10110 \$38.92 <u>Corrosion Resistant</u> 1/16" (1.6mm) 10110J \$90.73 IPG V226
Drain Check Valve	Ball Valve
 <u>1/2" / DN15</u> 05781A \$100.12 <u>Corrosion Resistant</u> 05781AJ \$209.45 IPG V226	 <u>Brass</u> 1/4" 10354 \$32.17 1/2" 10355 \$54.66 1" 10356 \$81.12 <u>Stainless Steel</u> 10644 \$276.67 10645 \$278.24 10646 \$443.81 10647 \$537.96 10648 \$1,025.44 10649 \$1,391.91 IPG V226
Drain Cup	Emergency Release
 <u>1 1/2" / DN40</u> 01019B \$19.27 IPG V226	 <u>1/2" (Galvanized)</u> Model C-1 01553C \$384.59 <u>Brass</u> Model C-2 09387 \$641.52 <u>Corrosion Resistant</u> Model C-3 09734 \$787.05 IPG V226
Prime Shut-Off Valve	Drip Check Valve - Model D-1
 <u>1/2" / DN15</u> 10723 \$851.81 <u>Corrosion Resistant</u> 10724 \$1,522.56 IPG V226	 <u>Velocity Check</u> <u>3/4" / DN20</u> IPG V25.1 10730 \$196.74 <u>Corrosion Resistant</u> 10733 \$296.76 IPG V226
In-Line Check Valve	Water Gauge
 <u>1/4" / DN8</u> 04947A \$93.13 IPG V226	 <u>0-300 psi</u> 1/4" VWATERSF \$26.93 IPG V226
Y Strainer	Restricted Orifice
 <u>1/4" / DN15</u> 14BYS \$45.90 IPG SR260	 <u>5/64" / 2mm</u> <u>1/2" / DN15</u> 11706 \$80.40 IPG V226

Accessories for TrimPac®

<u>Air Line Trim</u> <i>(not for use with Deluge TrimPac System)</i>	<u>Replacement Hose</u>	<u>Riser Mounting Kit</u> <i>(when mounting TrimPac to riser)</i>	
<u>Tank Mounted</u> 13770 \$1,869.64	PVC drain hose	12071	\$148.90
<u>Tankless</u> 13771 \$659.19		<u>Vertical</u> 11900 \$1,034.04	
	IPG V234	<u>Horizontal</u> 11901 \$1,421.88	IPG V234

Accessories for Old Style Trim

<u>Model A-2 Strainer Orifice Check Vlv</u>	<u>Alarm Test/Alarm Shut-Off Valve</u>	<u>Spring Loaded Check Valve</u>
 1/4" (DN8) 06579B \$365.65 IPG V226	 1/2" (DN15) 06174A \$393.71 IPG V226	 (with viton disc) 1/2" (DN15) 12WILC \$114.81 SR140

Accessories for Pneumatic Release Systems

Pneumatic Actuator



1/2" (DN15)

Model H-1

06459B \$643.93

Corrosion Resistant (Model R-1)

09733 \$1,452.69

[IPG V226](#)

Accelerator (Model E-1)



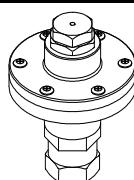
Model E-1

List

08055 \$1,592.32

[IPG V226](#)

Model D-2 - Air Pressure Maintenance Device



Size

Part #

List Price

1/4" / DN8 02280C \$760.27

[IPG V226](#)

Model D-2 - Air Pressure Maintenance Device



Size

Part #

List Price

1/2" / DN15 07459 \$1,336.01

DOMESTIC



Size

Part #

List Price

1/2" / DN15 07459USA \$1,781.34

Dehydrator Package

Includes:

- Desiccant 1/4" (DN8)
- Mounting Brackets 16854 \$1,798.84
- Nipples 16855 \$407.29

[IPG V226](#)

Extra Desiccant*

16855 \$407.29

*one unit fills dehydrator

Replacement Restriction

Release Line Air Supply



Part #

List Price

02902B \$184.20

[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 \$1,703.21

Nitrogen Tested

05006A \$1,834.78

[IPG V226](#)

Thermostatic Release (Model C-2)

(Includes 155°F/68°C fixed temperature release)

- indoor and outdoor use Standard

03991C-18 \$2,026.78

- corrosion resistant

Nitrogen Tested

10367 \$2,158.36

[IPG V226](#)

Fixed Temperature Release (Model M HP - VK800)

1/2" (15 mm) - RATED TO 250 PSI (1724 kPa)

[IPG V226](#)



Brass 07848AB \$54.03

Chrome 07848FA \$57.92

White 07848MA/W \$57.92

Replacement Fixed Temperature Release

155°F/68°C



Model C-1

07848FB \$57.92

Model C-2

07848CB \$69.06

[IPG V226](#)

Operation Indicator

Includes:

1/2" (DN15)

- indoor and outdoor use 02944A \$66.82

- corrosion resistant

[IPG V226](#)

Adjustment Kit

Includes:



- indoor and outdoor use

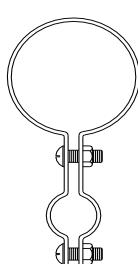
- corrosion resistant

Model C-1 and C-2

01714A \$203.64

[IPG V226](#)

Release Line Hangers



- includes two screws/nuts

1" / DN25 09574 \$22.75

1 1/4" / DN32 09575 \$22.75

1 1/2" / DN40 09576 \$22.75

2" / DN50 09577 \$22.75

2 1/2" / DN65 09578 \$22.75

3" / DN80 09579 \$22.75

3 1/2" / DN90 09580 \$22.75

4" / DN100 09581 \$33.27

5" / DN125 09582 \$33.27

6" / DN150 09583 \$33.27

8" / DN200 09584 \$33.27

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
<u>Normally Closed (rated to 250 psi (1724 kPa))</u>					
	<u>Deluge & Preaction, SureFire</u> NEMA 1,2,3,3S,4,4X <u>Explosion Proof</u> NEMA 3,3S,4,4X,6,6P,7,9	24 VDC	Part No. 11601	List Price \$999.44	
		24 VDC	11602	\$1,670.31	
<u>Normally Closed (rated to 300 psi (2068 kPa))</u>					
	<u>Firecycle III, TotalPac & Special Application</u> NEMA 2,3,3S,4,4X NEMA 1,2,3,3S,4,4X NEMA 1,2,3,3S,4,4X <u>Explosion Proof</u> NEMA 3,3S,4,4X,6,6P,7,9 NEMA 3,3S,4,4X,6,6P,7,9 NEMA 3,3S,4,4X,6,6P,7,9 ATEX, EEx, mll, T4/T5 ATEX, EEx, mll, T4/T5	24 VDC 110 VAC/50 HZ 120 VAC/60 HZ 24 VDC 110 VAC/50 HZ 120 VAC/60 HZ 24 VDC	11591 11593 11594 11592 11594 11594 12359 12360	\$1,276.06 \$1,085.84 \$1,476.63 \$1,670.31 \$1,476.63 \$1,476.63 \$1,753.24 \$1,946.93	
<u>Normally Open (rated to 300 psi (2068 kPa))</u>					
	<u>Firecycle III</u> NEMA 2,3,3S,4,4X <u>Surefire & TrimPac</u> NEMA 2,3,3S,4,4X <u>Explosion Proof</u> NEMA 3,3S,4,4X,6,6P,7,9 ATEX, EEx, mll, T4/T5	24 VDC 24 VDC 24 VDC 24 VDC 24 VDC	11595 13215 11596 12358	\$2,123.32 \$2,123.32 \$2,960.17 \$3,236.75	

RELEASE CONTROL PANEL (VFR-400)					IPG V241
<u>VFR-400 Release Control Panel</u>					
<ul style="list-style-type: none"> - 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. 14152-1	List Price \$4,160.38			
* see below for accessories and optional modules					
<u>Optional Modules / Accessories</u>	Part No.	List Price	<u>Batteries</u>	(two required per panel)	
CA2Z Module (class A initiating device circuit):	14155	\$248.38	8 Amp	Part No. 07920	List Price \$95.43
CAM2 Module (class A indicating appliance circuit):	14156	\$285.63	12 Amp	07921	P.O.A.
ARM-1/ARM-2 Module (auxiliary relay module):	14157	\$360.15	18 Amp	09867	P.O.A.
RA-4410-RC (remote annunciator):	14154	\$1,303.98			
	Part No.	List Price			
MR-101/T SPDT Relay Module:	14159	\$145.95			
MR-201 DPDT Relay Module:	14160	\$183.17			
MR801/T SPDT Relay w/Led Indicator:	14161	\$77.62			
ELOD Resistor/Diode:	14162	\$37.26			
ELOR Resistor:	14163	\$3.12			
<u>Battery Cabinet (for 18 amp hr battery)</u>					
	Part No. 09866	List Price \$727.01			

Alarm Devices

Alarm Pressure Switch - SR020

Adjustable Range (4-20 psi)	Explosion Proof
1/2" / DN50	Dual SPDT PS10-EX \$1,460.48
Single SPDT PS101A \$232.62	Dual SPDT PS40EX \$1,460.48
Dual SPDT PS102A \$279.81	* Cenelec approved
	
* Manufactured by Potter	<u>Pressure Adj Access Key</u> 10600 \$28.54
	<u>Cover Removal Key</u> 10601 \$28.54

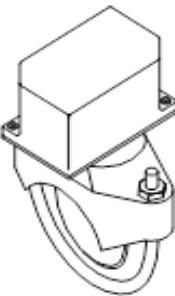
* Appropriate hex keys included with switches.

Pressure Supervisory Switch (Air, Nitrogen, Water) - IPG SR020

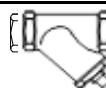
Adjustable Range (10-175 psi)	Explosion Proof
1/2" / DN50	Dual SPDT 10379 \$1,880.32
Single SPDT PS401A \$232.62	* Cenelec approved
Dual SPDT PS402A \$279.81	<u>Pressure Adj Access Key</u> 10600 \$28.54
	
* Manufactured by Potter	<u>Cover Tamper Switch Kit</u> 09601 \$145.95
	<u>Cover Removal Key</u> 10601 \$28.54

* 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 \$332.34	
2" / DN50 VSRF0200 \$360.22	
2½" / DN65 VSRF0250 \$360.22	
3" / DN80 VSRF0300 \$360.22	
3½" / DN90 VSRF0350 \$360.22	
4" / DN100 VSRF0400 \$360.22	
5" / DN125 VSRF0500 \$360.22	
6" / DN150 VSRF0600 \$360.22	
8" / DN200 VSRF0800 \$403.10	

Water Motor Alarm and Accessories - IPG V226

Water Motor Alarm	Closure Plate
	
Model F-2 07862 \$648.58	05820B \$132.37
Adjustable Shaft	Alarm Line Y Strainer
(wall thickness up to 30-1/4 in / 768 mm) 	
03312B \$127.01	3/4 " (DN20) 01489A \$193.13
Extension Cup	
	
05957B \$105.90	

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	<u>12402Q/B</u> \$6,433.28	N/A	N/A	N/A	N/A
Flange X Flange	N/A	N/A	N/A	<u>12015Q/B</u> \$6,433.28	<u>11960Q/B</u> \$8,607.19	<u>11962Q/B</u> \$11,517.71	<u>11992Q/B</u> \$24,111.59
Flange X Groove	N/A	N/A	N/A	<u>12019Q/B</u> \$6,433.28	<u>11959Q/B</u> \$8,607.19	<u>11961Q/B</u> \$11,517.71	N/A
Groove X Groove	<u>12127Q/B</u> \$4,766.38	<u>12058Q/B</u> \$4,779.35	<u>12404Q/B</u> \$6,433.28	<u>12023Q/B</u> \$6,433.28	<u>11514Q/B</u> \$8,607.19	<u>11525Q/B</u> \$11,517.71	<u>11118Q/B</u> \$22,946.78

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	<u>08362Q/B</u> \$7,194.59	<u>08363Q/B</u> \$9,358.37	<u>08364Q/B</u> \$12,522.88	N/A
Flange X Groove	N/A	N/A	N/A	<u>11064Q/B</u> \$7,194.59	<u>11065Q/B</u> \$9,625.75	<u>11001Q/B</u> \$12,880.69	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)	<u>14635-1</u> \$3,353.17	<u>14635-1</u> \$3,353.17	<u>14637-1</u> \$3,281.51	<u>14637-1</u> \$3,281.51	<u>14638-1</u> \$3,433.76	<u>14640-1</u> \$3,441.82	<u>14643-1</u> \$4,985.62
Modular Trim (incl. accessory pkg-09316)	<u>14635-1P</u> \$3,655.92	<u>14635-1P</u> \$3,655.92	<u>14637-1P</u> \$3,584.22	<u>14637-1P</u> \$3,584.22	<u>14638-1P</u> \$3,737.92	<u>14640-1P</u> \$3,745.94	<u>14643-1P</u> \$5,289.75

* 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)	<u>14629-2</u> \$5,926.04	<u>14630-2</u> \$5,495.93	N/A	<u>14631-2</u> \$5,628.25	<u>14632-2</u> \$6,013.86	<u>14633-2</u> \$6,083.26	N/A
Modular Trim (incl. accessory pkg-09316)	<u>14629-2P</u> P.O.A.	<u>14630-2P</u> \$5,813.38	N/A	<u>14631-2P</u> P.O.A.	<u>14632-2P</u> \$6,331.30	<u>14633-2P</u> \$6,400.78	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)	<u>14634-2</u> \$5,659.12	<u>14634-2</u> \$5,659.12	<u>14636-2</u> \$5,374.73	<u>14636-2</u> \$5,374.73	<u>14639-2</u> \$5,742.96	<u>14641-2</u> \$5,809.24	<u>14642-2</u> \$7,238.40
Modular Trim (incl. accessory pkg-09316)	<u>14634-2P</u> \$5,976.63	<u>14634-2P</u> \$5,976.63	<u>14636-2P</u> \$5,692.24	<u>14636-2P</u> \$5,692.24	<u>14639-2P</u> \$6,060.47	<u>14641-2P</u> \$6,126.74	<u>14642-2P</u> 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)	<u>14635-2</u> \$5,659.12	<u>14635-2</u> \$5,659.12	<u>14637-2</u> \$5,374.73	<u>14637-2</u> \$5,374.73	<u>14638-2</u> \$5,742.96	<u>14640-2</u> \$5,809.24	<u>14643-2</u> \$7,238.40
Modular Trim (incl. accessory pkg-09316)	<u>14635-2P</u> \$5,976.63	<u>14635-2P</u> \$5,976.63	<u>14637-2P</u> P.O.A.	<u>14637-2P</u> P.O.A.	<u>14638-2P</u> P.O.A.	<u>14640-2P</u> \$6,126.74	<u>14643-2P</u> P.O.A.

Special Valves and Trim

BRASS - Releasing Trims

V239	Pneumatic	Electric Pneumatic	Electric	Pneumatic Pneumatic	DOMESTIC ¹ Electric
Loose Trim (releasing device not incl.)	<u>10811</u> \$280.12	<u>12661-2</u> \$233.83	<u>10832</u> \$315.20	<u>12662-2</u> \$1,491.94	<u>10832USA</u> \$420.26
Modular Trim (releasing device not incl.)	<u>10811P</u> \$612.91	<u>126612P</u> P.O.A.	<u>10832P</u> P.O.A.	<u>126622P</u> P.O.A.	<u>10832USA-P</u> 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	<u>14649</u> \$9,955.26	<u>14649</u> \$9,955.26	<u>14651</u> \$10,673.95	<u>14651</u> \$10,673.95	<u>14654</u> \$11,666.22	<u>14656</u> \$11,714.16	<u>14657</u> \$11,755.11
Modular Trim	<u>14649P</u> \$10,281.84	<u>14649P</u> \$10,281.84	<u>14651P</u> \$11,000.46	<u>14651P</u> \$11,000.46	<u>14654P</u> \$11,992.79	<u>14656P</u> \$12,040.73	<u>14657P</u> 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	<u>14646</u> \$10,206.20	<u>14647</u> \$11,404.45	<u>14648</u> \$11,633.92	N/A

DOMESTIC TRIM¹ - Model F - Galvanized

Straight Through Valves - VERTICAL

V236	1-1/2"	2"	2-1/2"	3"	4"	6"	8"
Loose Trim	<u>14634-1USA</u> \$4,470.89	<u>14634-1USA</u> \$4,470.89	<u>14636-1USA</u> \$4,375.35	<u>14636-1USA</u> \$4,375.35	<u>14639-1USA</u> \$4,578.37	<u>14641-1USA</u> \$4,589.08	<u>14642-1USA</u> \$6,647.49

(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

Notes



Section O
Preaction Systems

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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 20, 2020. Supersedes January 2019 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

Model G (Complete, Factory Assembled Preaction Systems)



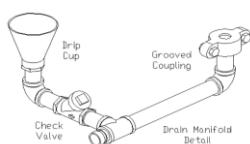
Model G preaction systems include the following:

- 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	\$10,623.55
G-3000P	Single Interlock, Electric Release	3"	16190-1	V243	\$11,084.20
G-4000P	Single Interlock, Electric Release	4"	15651-1	V243	\$11,783.91
G-6000P	Single Interlock, Electric Release	6"	17049-1	V243	\$13,862.47
G-2000P	Double Interlock, Electric/Pneu-lectric Release	2"	16187-1	V243	\$10,623.55
G-3000P	Double Interlock, Electric/Pneu-lectric Release	3"	16190-1	V243	\$11,084.20
G-4000P	Double Interlock, Electric/Pneu-lectric Release	4"	15651-1	V243	\$11,783.91
G-6000P	Double Interlock, Electric/Pneu-lectric Release	6"	17049-1	V243	\$13,862.47
G-2000P	Double Interlock, Electric/Pneumatic Release	2"	16188-1	V243	\$11,933.90
G-3000P	Double Interlock, Electric/Pneumatic Release	3"	16191-1	V243	\$13,467.49
G-4000P	Double Interlock, Electric/Pneumatic Release	4"	15653-1	V243	\$14,644.83
G-6000P	Double Interlock, Electric/Pneumatic Release	6"	17050-1	V243	\$17,458.48
G-2000P	SureFire® Fail Safe Preaction System	2"	16189-1	V243	\$13,726.51
G-3000P	SureFire® Fail Safe Preaction System	3"	16192-1	V243	\$15,422.76
G-4000P	SureFire® Fail Safe Preaction System	4"	15648-1	V243	\$16,556.38
G-6000P	SureFire® Fail Safe Preaction System	6"	17051-1	V243	\$19,478.11

Optional Accessories - Model G Preaction Systems

Model G Optional Drain Manifold Assembly *



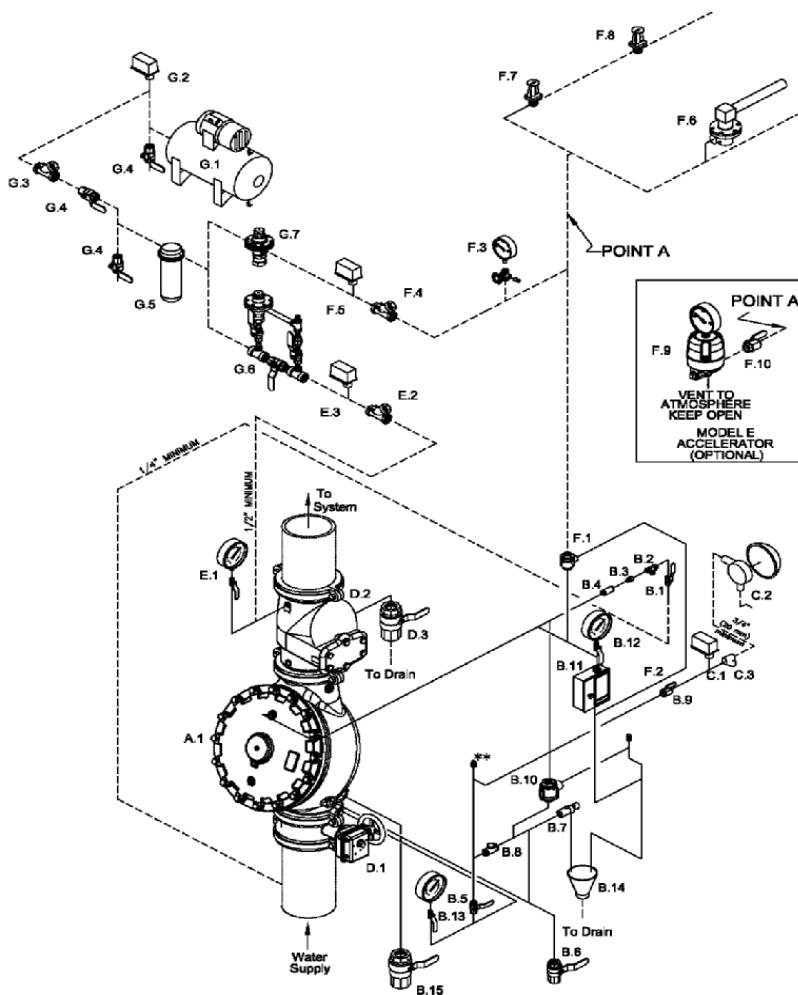
Model	Size	Part Number	List Price
G-2000	2"	16211	\$474.19
G-3000	3"	16212	\$610.02
G-4000	4"	15588	\$684.37
G-6000	6"	17056	\$684.37

* 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	<u>12126</u> \$3,008.59	<u>12059</u> \$3,109.63	<u>12401</u> \$4,106.31	N/A	N/A	N/A	N/A
Flange X Flange	N/A	N/A	N/A	<u>12014</u> \$4,106.31	<u>11953</u> \$5,348.85	<u>11955</u> \$7,316.26	<u>11991</u> \$16,572.21
Flange X Groove	N/A	N/A	N/A	<u>12018</u> \$4,106.31	<u>11952</u> \$5,348.85	<u>11954</u> \$7,316.26	N/A
Groove X Groove	<u>12125</u> \$3,008.59	<u>12057</u> \$3,109.63	<u>12403</u> \$4,106.31	<u>12022</u> \$4,106.31	<u>11513</u> \$5,348.85	<u>11524</u> \$7,316.26	<u>11018</u> \$16,572.21

Model E Deluge / Preaction Valve* - ANGLE STYLE

V233	1-1/2"	2"	3"	4"	6"
Thread X Thread	<u>09889</u> \$1,559.56	<u>05852C</u> \$3,477.61	N/A	N/A	N/A
Flange X Flange	N/A	N/A	<u>05912C</u> \$4,592.20	<u>05909C</u> \$5,981.81	<u>05906C</u> \$8,182.05
Flange X Groove	N/A	N/A	<u>05835C</u> \$4,592.20	<u>05839C</u> \$5,981.81	<u>05456C</u> \$8,182.05

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		<u>13793B-4</u>						
		\$5,315.49	\$5,315.49	\$5,315.49	\$5,315.49	\$5,315.49	\$5,315.49	\$5,315.49

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®	<u>11894-1</u>	<u>11894-2</u>	<u>11894-3</u>	<u>11894-3</u>	<u>11894-4</u>	<u>11894-4</u>	<u>11894-4</u>
(order separately)	\$548.37	\$443.55	\$502.66	\$502.66	\$645.13	\$645.13	\$645.13

1-1/2"	2"	2-1/2"	3"	4"	6"	8"
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Trim (Vertical - Straight Through Valve) - Galvanized (IPG 236)

Loose Trim	<u>14634-1</u>	<u>14634-1</u>	<u>14636-1</u>	<u>14636-1</u>	<u>14639-1</u>	<u>14641-1</u>	<u>14642-1</u>
(incl. accessory pkg-09316)	\$3,353.17	\$3,353.17	\$3,281.51	\$3,281.51	\$3,433.76	\$3,441.82	\$4,985.62
Modular Trim	<u>14634-1P</u>	<u>14634-1P</u>	<u>14636-1P</u>	<u>14636-1P</u>	<u>14639-1P</u>	<u>14641-1P</u>	<u>14642-1P</u>
(incl. accessory pkg-09316)	\$3,655.92	\$3,655.92	\$3,584.22	\$3,584.22	\$3,737.92	\$3,745.94	\$5,289.75

Trim (Vertical - Angle Style Valve) - Galvanized (IPG 236)

Loose Trim	<u>14629-1</u>	<u>14630-1</u>	N/A	<u>14631-1</u>	<u>14632-1</u>	<u>14633-1</u>	N/A
(incl. accessory pkg-09316)	\$3,511.34	\$3,379.78		\$3,436.29	\$3,595.77	\$3,604.16	
Modular Trim	<u>14629-1P</u>	<u>14630-1P</u>	N/A	<u>14631-1P</u>	<u>14632-1P</u>	<u>14633-1P</u>	N/A
(incl. accessory pkg-09316)	\$3,814.07	\$3,682.53		\$3,739.03	\$3,898.48	\$3,906.91	

1-1/2"	2"	2-1/2"	3"	4"	6"	8"
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Releasing Devices (IPG V226)

Pneumatic Actuator	<u>06459B</u>						
	\$643.93	\$643.93	\$643.93	\$643.93	\$643.93	\$643.93	\$643.93

Releasing Trim - Galvanized (IPG V238)

Loose Trim	<u>10809</u>						
(releasing device not incl.)	\$100.89	\$100.89	\$100.89	\$100.89	\$100.89	\$100.89	\$100.89
Modular Trim	<u>10809P</u>						
(releasing device not incl.)	\$449.63	\$449.63	\$449.63	\$449.63	\$449.63	\$449.63	\$449.63

Loose Trim-DOMESTIC ¹	<u>10809USA</u>						
(releasing device not incl.)	\$134.52	\$134.52	\$134.52	\$134.52	\$134.52	\$134.52	\$134.52

1-1/2"	2"	2-1/2"	3"	4"	6"	8"
--------	----	--------	----	----	----	----

Riser Check Valve and Trim (IPG V259 / V222)

Riser Check Valve	<u>10659</u>	<u>10667</u>	N/A	N/A	N/A	N/A	N/A
Threaded	\$714.05	\$825.57					
Riser Check Valve	N/A	N/A	N/A	<u>08505</u>	<u>08508</u>	<u>08511</u>	N/A
Flange / Flange				\$1,204.63	\$1,241.21	\$2,046.52	
Riser Check Valve	N/A	N/A	N/A	<u>08506</u>	<u>08509</u>	<u>08512</u>	<u>08515</u>
Flange / Groove				\$1,021.65	\$1,051.58	\$1,740.35	\$2,463.31
Riser Check Valve	<u>11054</u>	<u>11059</u>	<u>07929</u>	<u>08507</u>	<u>08510</u>	<u>08513</u>	<u>08516</u>
Groove / Groove	\$714.05	\$825.57	\$868.53	\$868.53	\$868.53	\$1,607.28	\$2,276.15
Riser Check Valve Trim	<u>12960</u>	<u>12960</u>	<u>13776</u>	<u>13776</u>	<u>13777</u>	<u>13777</u>	<u>13777</u>
(For Preaction)	\$236.98	\$236.98	\$593.68	\$593.68	\$627.57	\$627.57	\$627.57

Riser check valve trim includes system main drain valve and air pressure gauge.

Viking Quik Pik Packages - Complete packages customized to fit your requirements

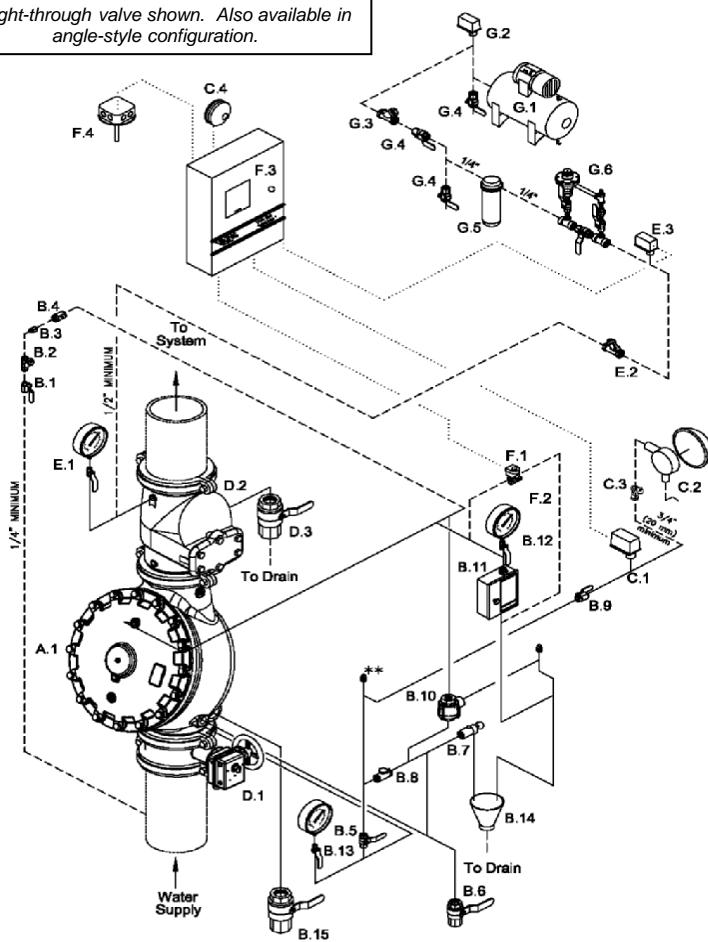
Viking's exclusive Quik Pik packages allow you to customize the components needed in your deluge or preaction system. Contact your customer service center today to see how quick & easy ordering a deluge or preaction system can be.

SQP00490 (1 1/2" - Thread)	SQP00530 (4" - F x G)
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)

See pgs 0-14-17
for available
accessories &
related equipment

Preaction System - Single Interlocked - Electric Release

Straight-through valve shown. Also available in angle-style configuration.



----- 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	<u>12126</u> \$3,008.59	<u>12059</u> \$3,109.63	<u>12401</u> \$4,106.31	N/A	N/A	N/A	N/A
Flange X Flange	N/A	N/A	N/A	<u>12014</u> \$4,106.31	<u>11953</u> \$5,348.85	<u>11955</u> \$7,316.26	<u>11991</u> \$16,572.21
Flange X Groove	N/A	N/A	N/A	<u>12018</u> \$4,106.31	<u>11952</u> \$5,348.85	<u>11954</u> \$7,316.26	N/A
Groove X Groove	<u>12125</u> \$3,008.59	<u>12057</u> \$3,109.63	<u>12403</u> \$4,106.31	<u>12022</u> \$4,106.31	<u>11513</u> \$5,348.85	<u>11524</u> \$7,316.26	<u>11018</u> \$16,572.21

Model E Deluge / Preaction Valve* - ANGLE STYLE

V233	1-1/2"	2"	3"	4"	6"
Thread X Thread	<u>09889</u> \$1,559.56	<u>05852C</u> \$3,477.61	N/A	N/A	N/A
Flange X Flange	N/A	N/A	<u>05912C</u> \$4,592.20	<u>05909C</u> \$5,981.81	<u>05906C</u> \$8,182.05
Flange X Groove	N/A	N/A	<u>05835C</u> \$4,592.20	<u>05839C</u> \$5,981.81	<u>05456C</u> \$8,182.05

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		<u>13792B-3</u>						
		\$5,413.12	\$5,413.12	\$5,413.12	\$5,413.12	\$5,413.12	\$5,413.12	\$5,413.12

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®	<u>11894-1</u>	<u>11894-2</u>	<u>11894-3</u>	<u>11894-3</u>	<u>11894-4</u>	<u>11894-4</u>	<u>11894-4</u>
(order separately)	\$548.37	\$443.55	\$502.66	\$502.66	\$645.13	\$645.13	\$645.13

1-1/2"	2"	2-1/2"	3"	4"	6"	8"
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Trim (Vertical - Straight Through Valve) - Galvanized (IPG V236)

Loose Trim	<u>14634-1</u>	<u>14634-1</u>	<u>14636-1</u>	<u>14636-1</u>	<u>14639-1</u>	<u>14641-1</u>	<u>14642-1</u>
(incl. accessory pkg-09316)	\$3,353.17	\$3,353.17	\$3,281.51	\$3,281.51	\$3,433.76	\$3,441.82	\$4,985.62
Modular Trim	<u>14634-1P</u>	<u>14634-1P</u>	<u>14636-1P</u>	<u>14636-1P</u>	<u>14639-1P</u>	<u>14641-1P</u>	<u>14642-1P</u>
(incl. accessory pkg-09316)	\$3,655.92	\$3,655.92	\$3,584.22	\$3,584.22	\$3,737.92	\$3,745.94	\$5,289.75

Trim (Vertical - Angle Style Valve) - Galvanized (IPG V236)

Loose Trim	<u>14629-1</u>	<u>14630-1</u>	N/A	<u>14631-1</u>	<u>14632-1</u>	<u>14633-1</u>	N/A
(incl. accessory pkg-09316)	\$3,511.34	\$3,379.78		\$3,436.29	\$3,595.77	\$3,604.16	
Modular Trim	<u>14629-1P</u>	<u>14630-1P</u>	N/A	<u>14631-1P</u>	<u>14632-1P</u>	<u>14633-1P</u>	N/A
(incl. accessory pkg-09316)	\$3,814.07	\$3,682.53		\$3,739.03	\$3,898.48	\$3,906.91	

1-1/2"	2"	2-1/2"	3"	4"	6"	8"
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Releasing Devices (IPG V240)

Solenoid Valve	<u>11601</u>						
	\$999.44	\$999.44	\$999.44	\$999.44	\$999.44	\$999.44	\$999.44

Releasing Trim - Galvanized (IPG V238)

Loose Trim	<u>10830</u>						
(releasing device not incl.)	\$104.16	\$104.16	\$104.16	\$104.16	\$104.16	\$104.16	\$104.16
Modular Trim	<u>10830P</u>						
(releasing device not incl.)	\$449.63	\$449.63	\$449.63	\$449.63	\$449.63	\$449.63	\$449.63

Loose Trim - DOMESTIC	<u>10830USA</u>						
(releasing device not incl.)	\$138.86	\$138.86	\$138.86	\$138.86	\$138.86	\$138.86	\$138.86

1-1/2"	2"	2-1/2"	3"	4"	6"	8"
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Riser Check Valve and Trim (IPG V259 / V222)

Riser Check Valve	<u>10659</u>	<u>10667</u>	N/A	N/A	N/A	N/A	N/A
Threaded	\$714.05	\$825.57					
Riser Check Valve	N/A	N/A	N/A	<u>08505</u>	<u>08508</u>	<u>08511</u>	N/A
Flange / Flange				\$1,204.63	\$1,241.21	\$2,046.52	
Riser Check Valve	N/A	N/A	N/A	<u>08506</u>	<u>08509</u>	<u>08512</u>	<u>08515</u>
Flange / Groove				\$1,021.65	\$1,051.58	\$1,740.35	\$2,463.31
Riser Check Valve	<u>11054</u>	<u>11059</u>	<u>07929</u>	<u>08507</u>	<u>08510</u>	<u>08513</u>	<u>08516</u>
Groove / Groove	\$714.05	\$825.57	\$868.53	\$868.53	\$868.53	\$1,607.28	\$2,276.15
Riser Check Valve Trim	<u>12960</u>	<u>12960</u>	<u>13776</u>	<u>13776</u>	<u>13777</u>	<u>13777</u>	<u>13777</u>
(For Preaction)	\$236.98	\$236.98	\$593.68	\$593.68	\$627.57	\$627.57	\$627.57

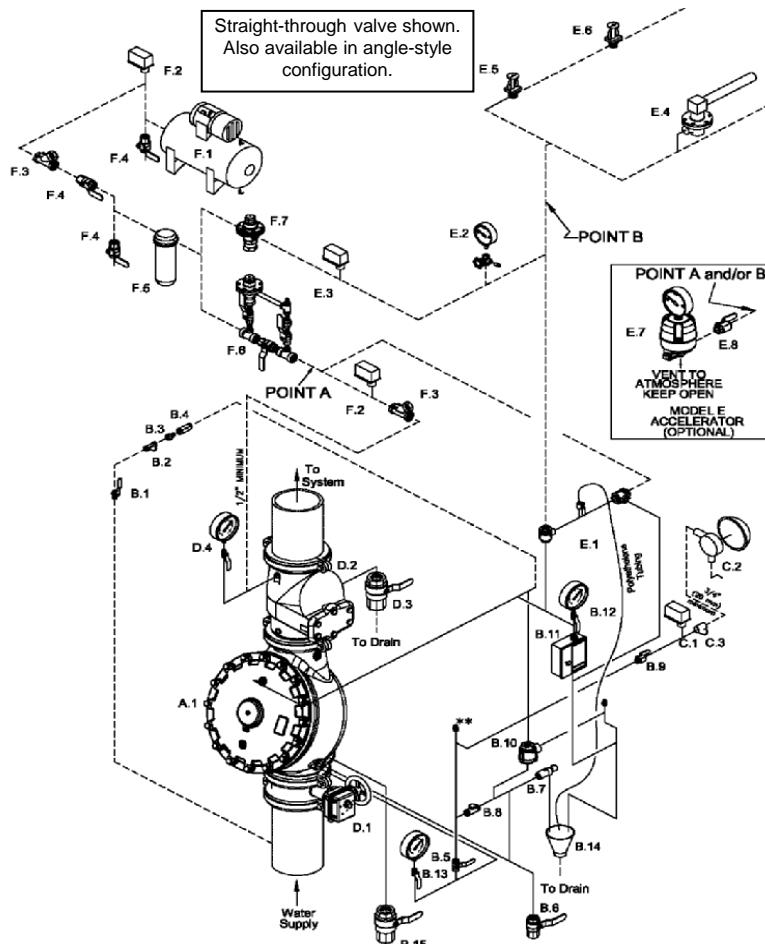
Riser check valve trim includes system main drain valve and air pressure gauge.

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 1/2" - 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 / Preation Valve* - STRAIGHT THROUGH

V233	1-1/2"	2"	2-1/2"	3"	4"	6"	8"
Thread X Thread	<u>12126</u> \$3,008.59	<u>12059</u> \$3,109.63	<u>12401</u> \$4,106.31	N/A	N/A	N/A	N/A
Flange X Flange	N/A	N/A	N/A	<u>12014</u> \$4,106.31	<u>11953</u> \$5,348.85	<u>11955</u> \$7,316.26	<u>11991</u> \$16,572.21
Flange X Groove	N/A	N/A	N/A	<u>12018</u> \$4,106.31	<u>11952</u> \$5,348.85	<u>11954</u> \$7,316.26	N/A
Groove X Groove	<u>12125</u> \$3,008.59	<u>12057</u> \$3,109.63	<u>12403</u> \$4,106.31	<u>12022</u> \$4,106.31	<u>11513</u> \$5,348.85	<u>11524</u> \$7,316.26	<u>11018</u> \$16,572.21

Model E Deluge / Preation Valve* - ANGLE STYLE

V233	1-1/2"	2"	3"	4"	6"
Thread X Thread	<u>09889</u> \$1,559.56	<u>05852C</u> \$3,477.61	N/A	N/A	N/A
Flange X Flange	N/A	N/A	<u>05912C</u> \$4,592.20	<u>05909C</u> \$5,981.81	<u>05906C</u> \$8,182.05
Flange X Groove	N/A	N/A	<u>05835C</u> \$4,592.20	<u>05839C</u> \$5,981.81	<u>05456C</u> \$8,182.05

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"
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Trim (Vertical - Straight Through Valve) - Galvanized (IPG V236)

Loose Trim (incl. accessory pkg-09316)	<u>14634-1</u> \$3,353.17	<u>14634-1</u> \$3,353.17	<u>14636-1</u> \$3,281.51	<u>14636-1</u> \$3,281.51	<u>14639-1</u> \$3,433.76	<u>14641-1</u> \$3,441.82	<u>14642-1</u> \$4,985.62
Modular Trim (incl. accessory pkg-09316)	<u>14634-1P</u> \$3,655.92	<u>14634-1P</u> \$3,655.92	<u>14636-1P</u> \$3,584.22	<u>14636-1P</u> \$3,584.22	<u>14639-1P</u> \$3,737.92	<u>14641-1P</u> \$3,745.94	<u>14642-1P</u> \$5,289.75

Trim (Vertical - Angle Style Valve) - Galvanized (IPG V236)

Loose Trim (incl. accessory pkg-09316)	<u>14629-1</u> \$3,511.34	<u>14630-1</u> \$3,379.78	N/A	<u>14631-1</u> \$3,436.29	<u>14632-1</u> \$3,595.77	<u>14633-1</u> \$3,604.16	N/A
Modular Trim (incl. accessory pkg-09316)	<u>14629-1P</u> \$3,814.07	<u>14630-1P</u> \$3,682.53	N/A	<u>14631-1P</u> \$3,739.03	<u>14632-1P</u> \$3,898.48	<u>14633-1P</u> \$3,906.91	N/A

1-1/2"	2"	2-1/2"	3"	4"	6"	8"
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Releasing Devices (IPG V226)

Pneumatic Actuator	<u>06459B</u> \$643.93						
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On pneumatic/pneumatic preaction systems only, releasing devices (pneumatic actuators) are included in releasing trim.

Releasing Trim - Galvanized (IPG V238)

Loose Trim	<u>12662-1</u> \$1,733.75						
Modular Trim	<u>12662-1P</u> 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"
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Riser Check Valve and Trim (IPG V259 / V222)

Riser Check Valve Threaded	<u>10659</u> \$714.05	<u>10667</u> \$825.57	N/A	N/A	N/A	N/A	N/A
Riser Check Valve Flange / Flange	N/A	N/A	N/A	<u>08505</u> \$1,204.63	<u>08508</u> \$1,241.21	<u>08511</u> \$2,046.52	N/A
Riser Check Valve Flange / Groove	N/A	N/A	N/A	<u>08506</u> \$1,021.65	<u>08509</u> \$1,051.58	<u>08512</u> \$1,740.35	<u>08515</u> \$2,463.31
Riser Check Valve Groove / Groove	<u>11054</u> \$714.05	<u>11059</u> \$825.57	<u>07929</u> \$868.53	<u>08507</u> \$868.53	<u>08510</u> \$868.53	<u>08513</u> \$1,607.28	<u>08516</u> \$2,276.15
Riser Check Valve Trim (For Preaction)	<u>12960</u> \$236.98	<u>12960</u> \$236.98	<u>13776</u> \$593.68	<u>13776</u> \$593.68	<u>13777</u> \$627.57	<u>13777</u> \$627.57	<u>13777</u> \$627.57

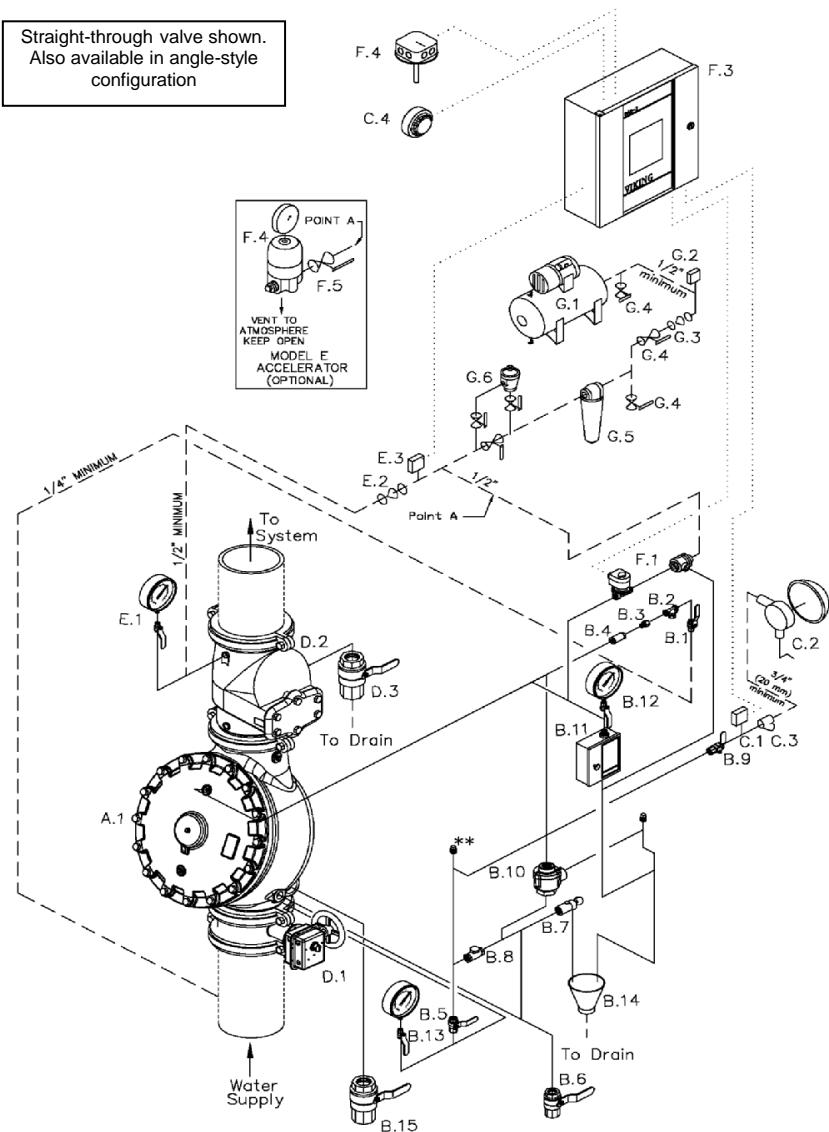
Riser check valve trim includes system main drain valve and air pressure gauge.

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 1/2" - 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



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

Components shown above are included in QuikPik packages as customized by user. See page O-9.

Model F Deluge / Preaction Valve* - STRAIGHT THROUGH

V233	1-1/2"	2"	2-1/2"	3"	4"	6"	8"
Thread X Thread	<u>12126</u> \$3,008.59	<u>12059</u> \$3,109.63	<u>12401</u> \$4,106.31	N/A	N/A	N/A	N/A
Flange X Flange	N/A	N/A	N/A	<u>12014</u> \$4,106.31	<u>11953</u> \$5,348.85	<u>11955</u> \$7,316.26	<u>11991</u> \$16,572.21
Flange X Groove	N/A	N/A	N/A	<u>12018</u> \$4,106.31	<u>11952</u> \$5,348.85	<u>11954</u> \$7,316.26	N/A
Groove X Groove	<u>12125</u> \$3,008.59	<u>12057</u> \$3,109.63	<u>12403</u> \$4,106.31	<u>12022</u> \$4,106.31	<u>11513</u> \$5,348.85	<u>11524</u> \$7,316.26	<u>11018</u> \$16,572.21

Model E Deluge / Preaction Valve* - ANGLE STYLE

V233	1-1/2"	2"	3"	4"	6"
Thread X Thread	<u>09889</u> \$1,559.56	<u>05852C</u> \$3,477.61	N/A	N/A	N/A
Flange X Flange	N/A	N/A	<u>05912C</u> \$4,592.20	<u>05909C</u> \$5,981.81	<u>05906C</u> \$8,182.05
Flange X Groove	N/A	N/A	<u>05835C</u> \$4,592.20	<u>05839C</u> \$5,981.81	<u>05456C</u> \$8,182.05

* 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		<u>13794B-5</u>						

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®	<u>11894-1</u> (order separately)	<u>11894-2</u> \$548.37	<u>11894-3</u> \$443.55	<u>11894-3</u> \$502.66	<u>11894-4</u> \$502.66	<u>11894-4</u> \$645.13	<u>11894-4</u> \$645.13
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1-1/2"	2"	2-1/2"	3"	4"	6"	8"
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Trim (Vertical - Straight Through Valve) - Galvanized (IPG V236)

Loose Trim (incl. accessory pkg-09316)	<u>14634-1</u> \$3,353.17	<u>14634-1</u> \$3,353.17	<u>14636-1</u> \$3,281.51	<u>14636-1</u> \$3,281.51	<u>14639-1</u> \$3,433.76	<u>14641-1</u> \$3,441.82	<u>14642-1</u> \$4,985.62
Modular Trim (incl. accessory pkg-09316)	<u>14634-1P</u> \$3,655.92	<u>14634-1P</u> \$3,655.92	<u>14636-1P</u> \$3,584.22	<u>14636-1P</u> \$3,584.22	<u>14639-1P</u> \$3,737.92	<u>14641-1P</u> \$3,745.94	<u>14642-1P</u> \$5,289.75

Trim (Vertical - Angle Style Valve) - Galvanized (IPG V236)

Loose Trim (incl. accessory pkg-09316)	<u>14629-1</u> \$3,511.34	<u>14630-1</u> \$3,379.78	N/A	<u>14631-1</u> \$3,436.29	<u>14632-1</u> \$3,595.77	<u>14633-1</u> \$3,604.16	N/A
Modular Trim (incl. accessory pkg-09316)	<u>14629-1P</u> \$3,814.07	<u>14630-1P</u> \$3,682.53	N/A	<u>14631-1P</u> \$3,739.03	<u>14632-1P</u> \$3,898.48	<u>14633-1P</u> \$3,906.91	N/A

1-1/2"	2"	2-1/2"	3"	4"	6"	8"
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Releasing Devices

Solenoid Valve IPG V240	<u>11601</u> \$999.44						
Pneumatic Actuator IPG V226	<u>06459B</u> \$643.93						

Releasing Trim - Galvanized (IPG V238)

Loose Trim (releasing device not incl.)	<u>12661-1</u> \$108.09						
Modular Trim (releasing device not incl.)	<u>12661-1P</u> \$431.64						
Loose Trim - DOMESTIC (releasing device not incl.)	<u>12661-1USA</u> \$144.12						

1-1/2"	2"	2-1/2"	3"	4"	6"	8"
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Riser Check Valve and Trim (IPG V259 / V222)

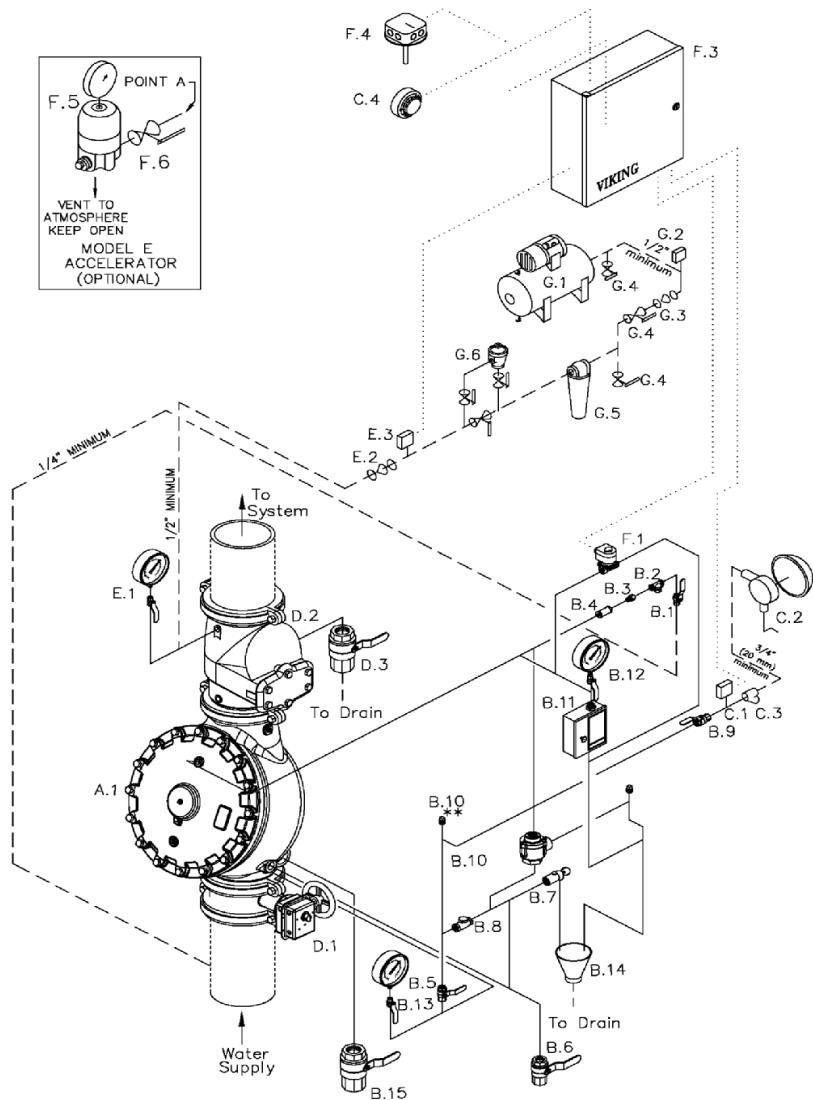
Riser Check Valve Threaded	<u>10659</u> \$714.05	<u>10667</u> \$825.57	N/A	N/A	N/A	N/A	N/A
Riser Check Valve Flange / Flange	N/A	N/A	N/A	<u>08505</u> \$1,204.63	<u>08508</u> \$1,241.21	<u>08511</u> \$2,046.52	N/A
Riser Check Valve Flange / Groove	N/A	N/A	N/A	<u>08506</u> \$1,021.65	<u>08509</u> \$1,051.58	<u>08512</u> \$1,740.35	<u>08515</u> \$2,463.31
Riser Check Valve Groove / Groove	<u>11054</u> \$714.05	<u>11059</u> \$825.57	<u>07929</u> \$868.53	<u>08507</u> \$868.53	<u>08510</u> \$868.53	<u>08513</u> \$1,607.28	<u>08516</u> \$2,276.15
Riser Check Valve Trim (For Preaction)	<u>12960</u> \$236.98	<u>12960</u> \$236.98	<u>13776</u> \$593.68	<u>13776</u> \$593.68	<u>13777</u> \$627.57	<u>13777</u> \$627.57	<u>13777</u> \$627.57

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 1/2" - 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



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

Components shown above are included in Quik Pik packages as customized by user. See page O-11.

Model F Deluge / Preaction Valve* - STRAIGHT THROUGH

V233	1-1/2"	2"	2-1/2"	3"	4"	6"	8"
Thread X Thread	<u>12126</u> \$3,008.59	<u>12059</u> \$3,109.63	<u>12401</u> \$4,106.31	N/A	N/A	N/A	N/A
Flange X Flange	N/A	N/A	N/A	<u>12014</u> \$4,106.31	<u>11953</u> \$5,348.85	<u>11955</u> \$7,316.26	<u>11991</u> \$16,572.21
Flange X Groove	N/A	N/A	N/A	<u>12018</u> \$4,106.31	<u>11952</u> \$5,348.85	<u>11954</u> \$7,316.26	N/A
Groove X Groove	<u>12125</u> \$3,008.59	<u>12057</u> \$3,109.63	<u>12403</u> \$4,106.31	<u>12022</u> \$4,106.31	<u>11513</u> \$5,348.85	<u>11524</u> \$7,316.26	<u>11018</u> \$16,572.21

Model E Deluge / Preaction Valve* - ANGLE STYLE

V233	1-1/2"	2"	3"	4"	6"
Thread X Thread	<u>09889</u> \$1,559.56	<u>05852C</u> \$3,477.61	N/A	N/A	N/A
Flange X Flange	N/A	N/A	<u>05912C</u> \$4,592.20	<u>05909C</u> \$5,981.81	<u>05906C</u> \$8,182.05
Flange X Groove	N/A	N/A	<u>05835C</u> \$4,592.20	<u>05839C</u> \$5,981.81	<u>05456C</u> \$8,182.05

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		<u>13796B-6</u>						
		\$5,413.12	\$5,413.12	\$5,413.12	\$5,413.12	\$5,413.12	\$5,413.12	\$5,413.12

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)	<u>11894-1</u> \$548.37	<u>11894-2</u> \$443.55	<u>11894-3</u> \$502.66	<u>11894-3</u> \$502.66	<u>11894-4</u> \$645.13	<u>11894-4</u> \$645.13	<u>11894-4</u> \$645.13
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1-1/2"	2"	2-1/2"	3"	4"	6"	8"
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Trim (Vertical - Straight Through Valve) - Galvanized (IPG V236)

Loose Trim (incl. accessory pkg-09316)	<u>14634-1</u> \$3,353.17	<u>14634-1</u> \$3,353.17	<u>14636-1</u> \$3,281.51	<u>14636-1</u> \$3,281.51	<u>14639-1</u> \$3,433.76	<u>14641-1</u> \$3,441.82	<u>14642-1</u> \$4,985.62
Modular Trim (incl. accessory pkg-09316)	<u>14634-1P</u> \$3,655.92	<u>14634-1P</u> \$3,655.92	<u>14636-1P</u> \$3,584.22	<u>14636-1P</u> \$3,584.22	<u>14639-1P</u> \$3,737.92	<u>14641-1P</u> \$3,745.94	<u>14642-1P</u> \$5,289.75

Trim (Vertical - Angle Style Valve) - Galvanized (IPG V236)

Loose Trim (incl. accessory pkg-09316)	<u>14629-1</u> \$3,511.34	<u>14630-1</u> \$3,379.78	N/A	<u>14631-1</u> \$3,436.29	<u>14632-1</u> \$3,595.77	<u>14633-1</u> \$3,604.16	N/A
Modular Trim (incl. accessory pkg-09316)	<u>14629-1P</u> \$3,814.07	<u>14630-1P</u> \$3,682.53	N/A	<u>14631-1P</u> \$3,739.03	<u>14632-1P</u> \$3,898.48	<u>14633-1P</u> \$3,906.91	N/A

1-1/2"	2"	2-1/2"	3"	4"	6"	8"
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Releasing Devices (IPG V240)

Solenoid Valve	<u>11601</u> \$999.44						
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Releasing Trim - Galvanized (IPG V238)

Loose Trim (releasing device not incl.)	<u>10830</u> \$104.16						
Modular Trim (releasing device not incl.)	<u>10830P</u> \$449.63						
Loose Trim - DOMESTIC (releasing device not incl.)	<u>10830USA</u> \$138.86						

1-1/2"	2"	2-1/2"	3"	4"	6"	8"
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Riser Check Valve and Trim (IPG V259 / V222)

Riser Check Valve Threaded	<u>10659</u> \$714.05	<u>10667</u> \$825.57	N/A	N/A	N/A	N/A	N/A
Riser Check Valve Flange / Flange	N/A	N/A	N/A	<u>08505</u> \$1,204.63	<u>08508</u> \$1,241.21	<u>08511</u> \$2,046.52	N/A
Riser Check Valve Flange / Groove	N/A	N/A	N/A	<u>08506</u> \$1,021.65	<u>08509</u> \$1,051.58	<u>08512</u> \$1,740.35	<u>08515</u> \$2,463.31
Riser Check Valve Groove / Groove	<u>11054</u> \$714.05	<u>11059</u> \$825.57	<u>07929</u> \$868.53	<u>08507</u> \$868.53	<u>08510</u> \$868.53	<u>08513</u> \$1,607.28	<u>08516</u> \$2,276.15
Riser Check Valve Trim (For Preaction)	<u>12960</u> \$236.98	<u>12960</u> \$236.98	<u>13776</u> \$593.68	<u>13776</u> \$593.68	<u>13777</u> \$627.57	<u>13777</u> \$627.57	<u>13777</u> \$627.57

Riser check valve trim includes system main drain valve and air pressure gauge.

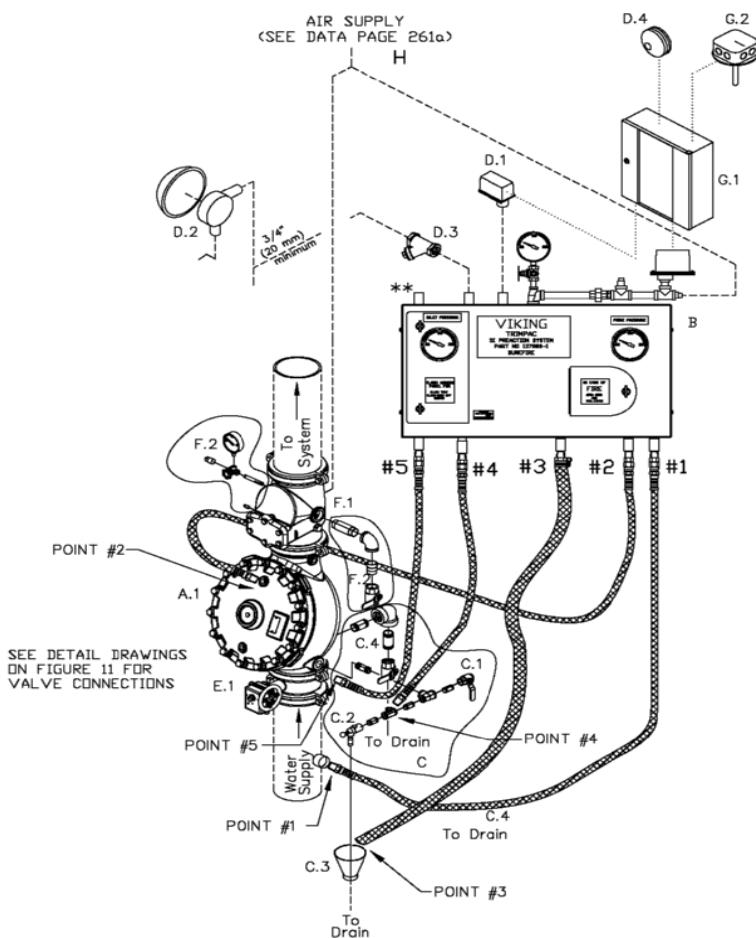
Viking Quik Pik Packages - Complete packages customized to fit your requirements

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.

See pgs O-14-17
for available
accessories &
related equipment

SQP00730 (1 1/2" - Thread)	SQP00770 (4" - F x G)
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 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 Panel (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	<u>12126</u> \$3,008.59	<u>12059</u> \$3,109.63	<u>12401</u> \$4,106.31	N/A	N/A	N/A	N/A
Flange X Flange	N/A	N/A	N/A	<u>12014</u> \$4,106.31	<u>11953</u> \$5,348.85	<u>11955</u> \$7,316.26	<u>11991</u> \$16,572.21
Flange X Groove	N/A	N/A	N/A	<u>12018</u> \$4,106.31	<u>11952</u> \$5,348.85	<u>11954</u> \$7,316.26	N/A
Groove X Groove	<u>12125</u> \$3,008.59	<u>12057</u> \$3,109.63	<u>12403</u> \$4,106.31	<u>12022</u> \$4,106.31	<u>11513</u> \$5,348.85	<u>11524</u> \$7,316.26	<u>11018</u> \$16,572.21

Model E Deluge / Preaction Valve* - ANGLE STYLE

V233	1-1/2"	2"	3"	4"	6"
Thread X Thread	<u>09889</u> \$1,559.56	<u>05852C</u> \$3,477.61	N/A	N/A	N/A
Flange X Flange	N/A	N/A	<u>05912C</u> \$4,592.20	<u>05909C</u> \$5,981.81	<u>05906C</u> \$8,182.05
Flange X Groove	N/A	N/A	<u>05835C</u> \$4,592.20	<u>05839C</u> \$5,981.81	<u>05456C</u> \$8,182.05

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 (includes release & trim)		<u>13798D-1</u> \$7,308.81						
Double Interlock (includes release & trim)		<u>13799D-2</u> \$7,993.14						

(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® (order separately)	<u>11894-1</u> \$548.37	<u>11894-2</u> \$443.55	<u>11894-3</u> \$502.66	<u>11894-3</u> \$502.66	<u>11894-4</u> \$645.13	<u>11894-4</u> \$645.13	<u>11894-4</u> \$645.13
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1-1/2"	2"	2-1/2"	3"	4"	6"	8"
--------	----	--------	----	----	----	----

Riser Check Valve and Trim (IPG V259 / V222)

Riser Check Valve Threaded	<u>10659</u> \$714.05	<u>10667</u> \$825.57	N/A	N/A	N/A	N/A	N/A
Riser Check Valve Flange / Flange	N/A	N/A	N/A	<u>08505</u> \$1,204.63	<u>08508</u> \$1,241.21	<u>08511</u> \$2,046.52	N/A
Riser Check Valve Flange / Groove	N/A	N/A	N/A	<u>08506</u> \$1,021.65	<u>08509</u> \$1,051.58	<u>08512</u> \$1,740.35	<u>08515</u> \$2,463.31
Riser Check Valve Groove / Groove	<u>11054</u> \$714.05	<u>11059</u> \$825.57	<u>07929</u> \$868.53	<u>08507</u> \$868.53	<u>08510</u> \$868.53	<u>08513</u> \$1,607.28	<u>08516</u> \$2,276.15
Riser Check Valve Trim (For Preaction)	<u>12960</u> \$236.98	<u>12960</u> \$236.98	<u>13776</u> \$593.68	<u>13776</u> \$593.68	<u>13777</u> \$627.57	<u>13777</u> \$627.57	<u>13777</u> \$627.57

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

SQP01050 (1 1/2" / DN40)	SQP01080 (4" / DN100)
SQP01060 (2" / DN50)	SQP01090 (6" / DN150)
SQP01070 (3" / DN80)	SQP01100 (8" / DN200)

SureFire® - Double Interlocked

SQP01110 (1 1/2" / DN40)	SQP01140 (4" / DN100)
SQP01120 (2" / DN50)	SQP01150 (6" / DN150)
SQP01130 (3" / DN80)	SQP01160 (8" / DN200)

Accessories for TrimPac®

Replacement Hose	V234	Riser Mounting Kit	V234
PVC drain hose	12071	\$148.90	(use when mounting TrimPac® unit to riser)
		Vertical	11900 \$1,034.04
		Horizontal	11901 \$1,421.88
Air Line Trim - TANK MOUNTED	V234	Air Line Trim - TANKLESS	V234
(not for use with Deluge TrimPac® Systems)		(not for use with Deluge TrimPac® Systems)	
13770	\$1,869.64	13771	\$659.19

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 \$714.05

2" 10667 \$825.57

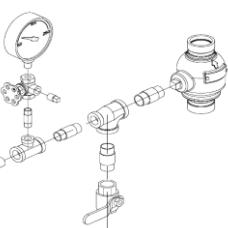
Model L-1 (grooved)

1½" 11054 \$714.05

2" 11059 \$825.57

IPG V259

In-Line Check Valve Trim (1-1/2" - 2")



Model L-1 / K-1

12960

\$236.98

IPG V222

Ball Valve



IPG V226

Brass

1/4"

10354

\$32.17

1/2"

10355

\$54.66

1"

10356

\$81.12

Stainless Steel

10644 \$276.67

10645 \$278.24

10646 \$443.81

10647 \$537.96

10648 \$1,025.44

10649 \$1,391.91

Pressure Operated Relief Valve (PORV) - Model D-3



½" / DN15

Brass

16970 \$1,503.36

IPG V242

Pressure Operated Relief Valve (PORV) - Model D-4



½" / DN15

Corrosion Resistant

16971 \$2,312.86

IPG V242

Restricted Orifice

IPG V226



1/4" (DN8)

1/16" (1.6mm) 10110 \$38.92

Corrosion Resistant

1/16" (1.6mm) 10110J \$90.73

Air Gauge

0-300 psi (2068 kPa)



1/4" / DN8

VPAIRSF

\$26.93

IPG SR295

Globe Valve for Gauges (side outlet)



1/4" / DN8

76V-25 \$21.58

IPG V226

Drip Check Valve - Model D-1

Velocity Check 3/4" / DN20

10730 \$196.74

Corrosion Resistant (D-4)

IPG V226 10733 \$296.76

Drain Cup



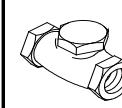
1½" / DN40

01019B

\$19.27

IPG V226

Drain Check Valve



1/2" / DN15

05781A \$100.12

Corrosion Resistant

05781AJ \$209.45

Y Strainer

IPG SR260



1/4" / DN15

14BYS \$45.90

Water Gauge



0-300 psi

1/4" VWATERSF

\$26.93

IPG SR295

Prime Shut-Off Valve



1/2" / DN15

10723 \$851.81

Corrosion Resistant

10724 \$1,522.56

Restricted Orifice



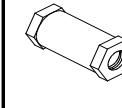
5/64" / 2mm

1/2" / DN15

11706 \$80.40

IPG V226

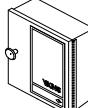
In-Line Check Valve



1/4" / DN8

04947A \$93.13

Emergency Release



1/2" (Galvanized)

Model C-1

Brass

Model C-2

Corrosion Resistant

Model C-3

01553C \$384.59

09387 \$641.52

09734 \$787.05

IPG V226

Accessories for TrimPac® (IPG V234)

Air Line Trim

(not for use with Deluge TrimPac System)

Tank Mounted 13770 \$1,869.64

Tankless 13771 \$659.19

Replacement Hose

PVC drain hose 12071 \$148.90

Riser Mounting Kit

(when mounting TrimPac to riser)

Vertical 11900 \$1,034.04

Horizontal 11901 \$1,421.88

Accessories for Old Style Trim

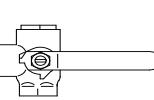
Model A-2 Strainer Orifice Check Vlv



1/4" (DN8)

06579B \$365.65

Alarm Test/Alarm Shut-Off Valve



1/2" (DN15)

06174A \$393.71

Spring Loaded Check Valve



(with viton disc)

1/2" (DN15)

12WILC \$114.81

SR140

Accessories for Pneumatic Release Systems

Pneumatic Actuator	Accelerator (Model E-1)
 <u>1/2" (DN15)</u> Model H-1 06459B \$643.93 <u>Corrosion Resistant (Model R-1)</u> 09733 \$1,452.69 IPG V226	 <u>Model E-1</u> <u>List</u> 08055 \$1,592.32 IPG V226
Model D-2 - Air Pressure Maintenance Device	Model D-2 - Air Pressure Maintenance Device
 <u>Size</u> <u>Part #</u> <u>List Price</u> 1/4" / DN8 02280C \$760.27 IPG V226	 <u>Size</u> <u>Part #</u> <u>List Price</u> 1/2" / DN15 07459 \$1,336.01 DOMESTIC <u>Size</u> <u>Part #</u> <u>List Price</u> 1/2" / DN15 07459USA \$1,781.34 IPG V226
Dehydrator Package Includes: - Desiccant <u>1/4" (DN8)</u> - Mounting Brackets 16854 \$1,798.84 - Nipples <u>Extra Desiccant*</u> 16855 \$407.29 IPG V226 *one unit fills dehydrator	Replacement Restriction <u>Release Line Air Supply</u> <u>Part #</u> <u>List Price</u> 02902B \$184.20 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 <u>Standard</u> 01432C \$1,703.21 <u>Nitrogen Tested</u> 05006A \$1,834.78 IPG V226	Thermostatic Release (Model C-2) (Includes 155°F/68°C fixed temperature release) - indoor and outdoor use <u>Standard</u> - corrosion resistant 03991C-18 \$2,026.78 - for use in salt water environments 10367 \$2,158.36 IPG V226															
Fixed Temperature Release (Model M HP - VK800) 1/2" (15 mm) - RATED TO 250 PSI (1724 kPa) Brass 07848AB \$54.03 Chrome 07848FB \$57.92 White 07848MB/W \$59.03 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 <u>Model C-1</u> 07848FB \$57.92 <u>Model C-2</u> 07848CB \$69.06 IPG V226															
Operation Indicator Includes: - indoor and outdoor use <u>1/2" (DN15)</u> - corrosion resistant IPG V226	Adjustment Kit Includes: - indoor and outdoor use - corrosion resistant <u>Model C-1 and C-2</u> 01714A \$203.64 IPG V226															
Release Line Hangers (includes two screws/nuts) 1" / DN25 09574 \$22.75 1 1/4" / DN32 09575 \$22.75 1 1/2" / DN40 09576 \$22.75 2" / DN50 09577 \$22.75 2 1/2" / DN65 09578 \$22.75 3" / DN80 09579 \$22.75	<table border="1"><tr><td>3 1/2" / DN90</td><td>09580</td><td>\$22.75</td></tr><tr><td>4" / DN100</td><td>09581</td><td>\$33.27</td></tr><tr><td>5" / DN125</td><td>09582</td><td>\$33.27</td></tr><tr><td>6" / DN150</td><td>09583</td><td>\$33.27</td></tr><tr><td>8" / DN200</td><td>09584</td><td>\$33.27</td></tr></table> Stainless steel available upon request at additional cost. Add suffix "SST" to base part number.	3 1/2" / DN90	09580	\$22.75	4" / DN100	09581	\$33.27	5" / DN125	09582	\$33.27	6" / DN150	09583	\$33.27	8" / DN200	09584	\$33.27
3 1/2" / DN90	09580	\$22.75														
4" / DN100	09581	\$33.27														
5" / DN125	09582	\$33.27														
6" / DN150	09583	\$33.27														
8" / DN200	09584	\$33.27														

Accessories for Electric Release Systems

SOLENOID VALVES (1/2" / DN15)				IPG V240
Normally Closed (rated to 250 psi (1724 kPa)				
	<u>Deluge & Preaction, SureFire</u> NEMA 1,2,3,3S,4,4X <u>Explosion Proof</u> NEMA 3,3S,4,4X,6,6P,7,9	24 VDC	Part No. 11601	<u>List Price</u> \$999.44 \$1,670.31
Normally Closed (rated to 300 psi (2068 kPa)				
	<u>Firecycle III, TotalPac & Special Application</u> NEMA 2,3,3S,4,4X NEMA 1,2,3,3S,4,4X NEMA 1,2,3,3S,4,4X <u>Explosion Proof</u> NEMA 3,3S,4,4X,6,6P,7,9 NEMA 3,3S,4,4X,6,6P,7,9 NEMA 3,3S,4,4X,6,6P,7,9 ATEX, EEx, mll, T4/T5 ATEX, EEx, mll, T4/T5	24 VDC 110 VAC/50 HZ 120 VAC/60 HZ 24 VDC 110 VAC/50 HZ 120 VAC/60 HZ 24 VDC	11591 11593 11594 11592 11594 11594 12359 12360	\$1,276.06 \$1,085.84 \$1,476.63 \$1,670.31 \$1,476.63 \$1,476.63 \$1,753.24 \$1,946.93
Normally Open (rated to 300 psi (2068 kPa)				
	<u>Firecycle III</u> NEMA 2,3,3S,4,4X <u>Surefire & TrimPac</u> NEMA 2,3,3S,4,4X <u>Explosion Proof</u> NEMA 3,3S,4,4X,6,6P,7,9 ATEX, EEx, mll, T4/T5	24 VDC 24 VDC 24 VDC 24 VDC 24 VDC	11595 13215 11596 12358	\$2,123.32 \$2,123.32 \$2,960.17 \$3,236.75

RELEASE CONTROL PANEL (VFR-400)				IPG V241
VFR-400 Release Control Panel				
<ul style="list-style-type: none"> - 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. 14152-1 <u>List Price</u> \$4,160.38
				* see below for accessories and optional modules
				
Optional Modules / Accessories				Batteries (two required per panel)
CA2Z Module (class A initiating device circuit):	14155	\$248.38	Part No.	<u>List Price</u>
CAM2 Module (class A indicating appliance circuit):	14156	\$285.63	8 Amp	07920 \$95.43
ARM-1/ARM-2 Module (auxiliary relay module):	14157	\$360.15	12 Amp	07921 P.O.A.
RA-4410-RC (remote annunciation):	14154	\$1,303.98	18 Amp	09867 P.O.A.
				Battery Cabinet (for 18 amp hr battery)
MR-101/T SPDT Relay Module:	14159	\$145.95	Part No.	<u>List Price</u>
MR-201 DPDT Relay Module:	14160	\$183.17	09866	\$727.01
MR801/T SPDT Relay w/Led Indicator:	14161	\$77.62		
ELOD Resistor/Diode:	14162	\$37.26		
ELOR Resistor:	14163	\$3.12		

Alarm Devices

Alarm Pressure Switch - SR020

Adjustable Range (4-20 psi)	Explosion Proof
1/2" / DN50	Dual SPDT PS10-EX \$1,460.48
Single SPDT PS101A \$232.62	Dual SPDT PS40EX \$1,460.48
Dual SPDT PS102A \$279.81	* Cenelec approved
* Manufactured by Potter	<u>Pressure Adj Access Key</u> 10600 \$28.54
	<u>Cover Removal Key</u> 10601 \$28.54

* Appropriate hex keys included with switches.

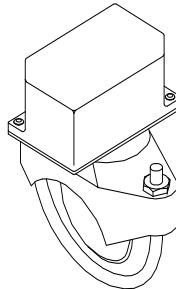
Pressure Supervisory Switch (Air, Nitrogen, Water) - IPG SR020

Adjustable Range (10-175 psi)	Explosion Proof
1/2" / DN50	Dual SPDT 10379 \$1,880.32
Single SPDT PS401A \$232.62	* Cenelec approved
Dual SPDT PS402A \$279.81	<u>Pressure Adj Access Key</u> 10600 \$28.54
* Manufactured by Potter	<u>Cover Removal Key</u> 10601 \$28.54
<u>Cover Tamper Switch Kit</u> 09601 \$145.95	

* 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	\$332.34
2" / DN50	VSRF0200	\$360.22
2½" / DN65	VSRF0250	\$360.22
3" / DN80	VSRF0300	\$360.22
3½" / DN90	VSRF0350	\$360.22
4" / DN100	VSRF0400	\$360.22
5" / DN125	VSRF0500	\$360.22
6" / DN150	VSRF0600	\$360.22
8" / DN200	VSRF0800	\$403.10



Water Motor Alarm and Accessories - IPG V226

Water Motor Alarm Model F-2 07862 \$648.58	Closure Plate 05820B \$132.37
Adjustable Shaft (wall thickness up to 30-1/4 in / 768 mm) 03312B \$127.01	Alarm Line Y Strainer 3/4 " (DN20) 01489A \$193.13
Extension Cup 05957B \$105.90	

Special Valves and Trim

Halar® Coated Deluge / Preaction Valves (Model E-2/F-2)

Straight-Through (Model F-2)

<i>IPG V233</i>	1-1/2"	2"	2-1/2"	3"	4"	6"	8"
Thread X Thread	N/A	N/A	<u>12402Q/B</u> \$6,433.28	N/A	N/A	N/A	N/A
Flange X Flange	N/A	N/A	N/A	<u>12015Q/B</u> \$6,433.28	<u>11960Q/B</u> \$8,607.19	<u>11962Q/B</u> \$11,517.71	<u>11992Q/B</u> \$24,111.59
Flange X Groove	N/A	N/A	N/A	<u>12019Q/B</u> \$6,433.28	<u>11959Q/B</u> \$8,607.19	<u>11961Q/B</u> \$11,517.71	N/A
Groove X Groove	<u>12127Q/B</u> \$4,766.38	<u>12058Q/B</u> \$4,779.35	<u>12404Q/B</u> \$6,433.28	<u>12023Q/B</u> \$6,433.28	<u>11514Q/B</u> \$8,607.19	<u>11525Q/B</u> \$11,517.71	<u>11118Q/B</u> \$22,946.78

Angle Style (Model E-2)

<i>IPG V233</i>	1-1/2"	2"	2-1/2"	3"	4"	6"	8"
Flange X Flange	N/A	N/A	N/A	<u>08362Q/B</u> \$7,194.59	<u>08363Q/B</u> \$9,358.37	<u>08364Q/B</u> \$12,522.88	N/A
Flange X Groove	N/A	N/A	N/A	<u>11064Q/B</u> \$7,194.59	<u>11065Q/B</u> \$9,625.75	<u>11001Q/B</u> \$12,880.69	N/A

HORIZONTAL TRIM - Conventional Deluge / Preaction Trim

Galvanized (use with straight through valves)

<i>IPG V236</i>	1-1/2"	2"	2-1/2"	3"	4"	6"	8"
Loose Trim (incl. accessory pkg-09316)	<u>14635-1</u> \$3,353.17	<u>14635-1</u> \$3,353.17	<u>14637-1</u> \$3,281.51	<u>14637-1</u> \$3,281.51	<u>14638-1</u> \$3,433.76	<u>14640-1</u> \$3,441.82	<u>14643-1</u> \$4,985.62
Modular Trim (incl. accessory pkg-09316)	<u>14635-1P</u> \$3,655.92	<u>14635-1P</u> \$3,655.92	<u>14637-1P</u> \$3,584.22	<u>14637-1P</u> \$3,584.22	<u>14638-1P</u> \$3,737.92	<u>14640-1P</u> \$3,745.94	<u>14643-1P</u> \$5,289.75

BRASS TRIMS - Conventional Deluge / Preaction Trim

Angle Style Valves

<i>IPG V237</i>	1-1/2"	2"	2-1/2"	3"	4"	6"	8"
Loose Trim (incl. accessory pkg-09316)	<u>14629-2</u> \$5,926.04	<u>14630-2</u> \$5,495.93	N/A	<u>14631-2</u> \$5,628.25	<u>14632-2</u> \$6,013.86	<u>14633-2</u> \$6,083.26	N/A
Modular Trim (incl. accessory pkg-09316)	<u>14629-2P</u> P.O.A.	<u>14630-2P</u> \$5,813.38	N/A	<u>14631-2P</u> P.O.A.	<u>14632-2P</u> \$6,331.30	<u>14633-2P</u> \$6,400.78	N/A

Straight Through Valves - VERTICAL

<i>IPG V237</i>	1-1/2"	2"	2-1/2"	3"	4"	6"	8"
Loose Trim (incl. accessory pkg-09316)	<u>14634-2</u> \$5,659.12	<u>14634-2</u> \$5,659.12	<u>14636-2</u> \$5,374.73	<u>14636-2</u> \$5,374.73	<u>14639-2</u> \$5,742.96	<u>14641-2</u> \$5,809.24	<u>14642-2</u> \$7,238.40
Modular Trim (incl. accessory pkg-09316)	<u>14634-2P</u> \$5,976.63	<u>14634-2P</u> \$5,976.63	<u>14636-2P</u> \$5,692.24	<u>14636-2P</u> \$5,692.24	<u>14639-2P</u> \$6,060.47	<u>14641-2P</u> \$6,126.74	<u>14642-2P</u> P.O.A.

Straight Through Valves - HORIZONTAL

<i>IPG V237</i>	1-1/2"	2"	2-1/2"	3"	4"	6"	8"
Loose Trim (incl. accessory pkg-09316)	<u>14635-2</u> \$5,659.12	<u>14635-2</u> \$5,659.12	<u>14637-2</u> \$5,374.73	<u>14637-2</u> \$5,374.73	<u>14638-2</u> \$5,742.96	<u>14640-2</u> \$5,809.24	<u>14643-2</u> \$7,238.40
Modular Trim (incl. accessory pkg-09316)	<u>14635-2P</u> \$5,976.63	<u>14635-2P</u> \$5,976.63	<u>14637-2P</u> P.O.A.	<u>14637-2P</u> P.O.A.	<u>14638-2P</u> P.O.A.	<u>14640-2P</u> \$6,126.74	<u>14643-2P</u> P.O.A.

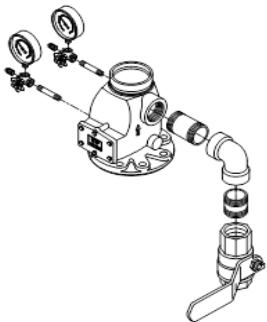
Special Valves and Trim

DOMESTIC TRIM¹ - Model F - Galvanized

Straight Through Valves - VERTICAL

	V236	1-1/2"	2"	2-1/2"	3"	4"	6"	8"
Loose Trim		<u>14634-1USA</u>	<u>14634-1USA</u>	<u>14636-1USA</u>	<u>14636-1USA</u>	<u>14639-1USA</u>	<u>14641-1USA</u>	<u>14642-1USA</u>
		\$4,470.89	\$4,470.89	\$4,375.35	\$4,375.35	\$4,578.37	\$4,589.08	\$6,647.49

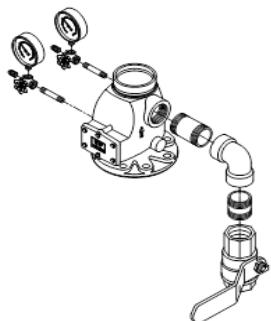
DOMESTIC TRIM - Easy Riser® System



* 2-1/2 - 6 inch trim shown

Size	Trim (loose)
IPG	V222
Model K-1/L-1	
1-1/2"	12960USA \$338.55
2"	12960USA \$338.55
Model E-1/F-1	
2-1/2"	13776USA \$848.15
3"	13776USA \$848.15
4"	13777USA \$652.81
6"	13777USA \$652.81
8"	13777USA \$652.81

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 \$400.69	12960-1P P.O.A.
2"	12960-1 \$400.69	12960-1P P.O.A.
Model E-1/F-1 - Easy Riser Valve Trim		
2-1/2"	07236-1 \$1,003.68	07236-1P P.O.A.
3"	07236-1 \$1,003.68	07236-1P P.O.A.
4"	07237-1 \$1,060.96	07237-1P P.O.A.
6"	07237-1 \$1,060.96	07237-1P P.O.A.
8"	07237-1 \$1,060.96	07237-1P P.O.A.

BRASS - SureFire® TrimPac®

Single Interlocked	
V234	
13798D-1B	\$9,984.20

Double Interlocked	
V234	
13799D-2B	\$10,256.95

BRASS - Releasing Trims

	Pneumatic	Electric Pneumatic	Electric	Pneumatic Pneumatic	<u>DOMESTIC¹</u> Electric
IPG	V239	V239	V239	V239	V239
Loose Trim (releasing device not incl.)	<u>10811</u> \$280.12	<u>12661-2</u> \$233.83	<u>10832</u> \$315.20	<u>12662-2</u> \$1,491.94	<u>10832USA</u> \$420.26
Modular Trim (releasing device not incl.)	<u>10811-P</u> P.O.A.	<u>12661-2P</u> P.O.A.	<u>10832-P</u> P.O.A.	<u>12662-2P</u> P.O.A.	<u>10832USA-P</u> 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.



Section P
Flow Control and Pressure Regulation

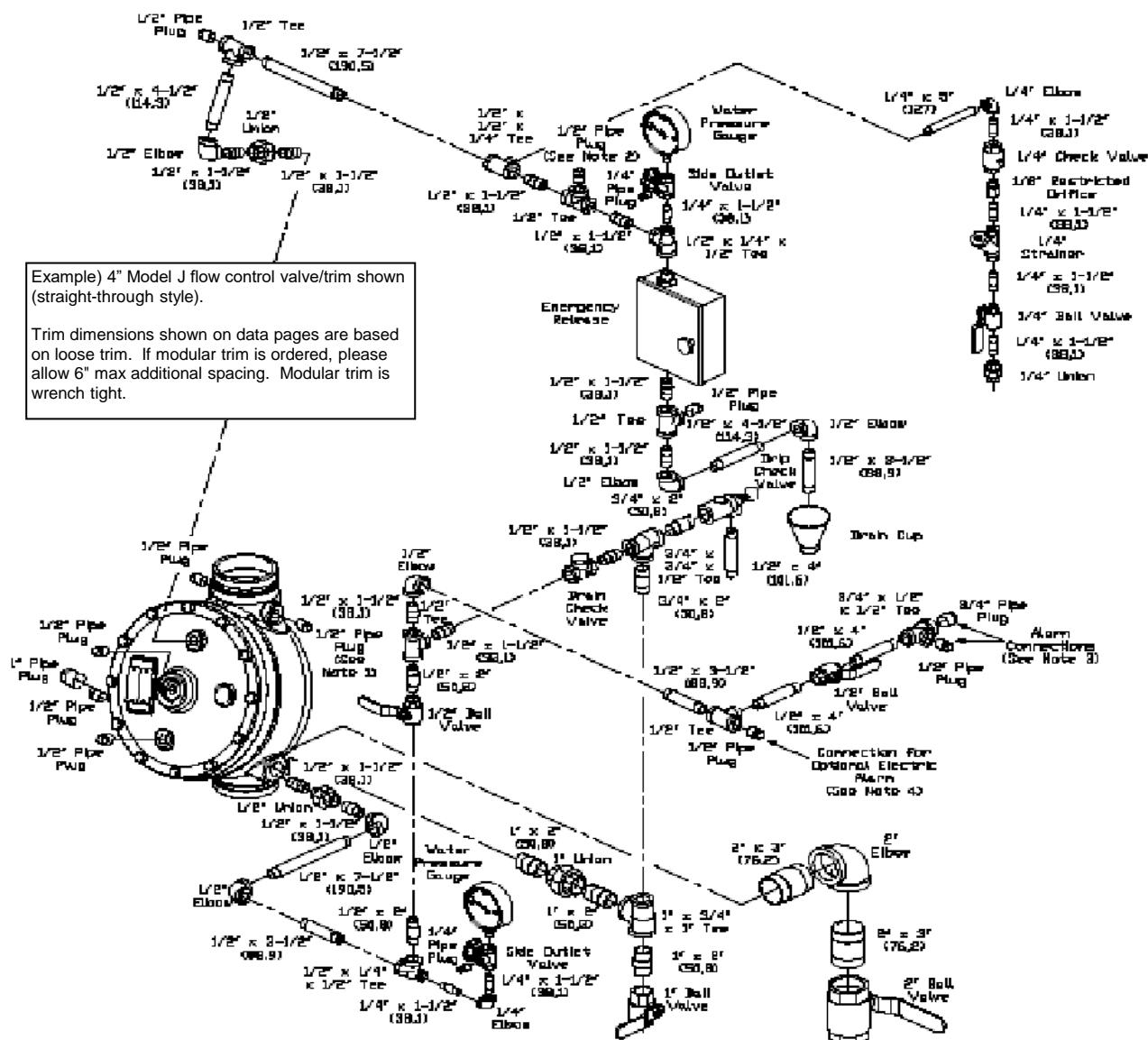
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Notes

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 20, 2020. Supersedes January 2019 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	<u>12130</u> \$3,941.61	<u>12063</u> \$4,068.18	<u>12405</u> \$5,157.51	N/A	N/A	N/A	N/A
Flange X Flange	N/A	N/A	N/A	<u>12016</u> \$5,157.51	<u>11968</u> \$6,498.96	<u>11970</u> \$8,677.59	<u>11993</u> \$18,695.21
Flange X Groove	N/A	N/A	N/A	<u>12020</u> \$5,157.51	<u>11967</u> \$6,498.96	<u>11969</u> \$8,677.59	N/A
Groove X Groove	<u>12129</u> \$3,941.61	<u>12061</u> \$4,068.18	<u>12407</u> \$5,157.51	<u>12024</u> \$5,157.51	<u>11516</u> \$6,498.96	<u>11527</u> \$8,677.59	<u>11019</u> \$16,387.92

Model H Flow Control Valve* - ANGLE STYLE

IPG 244.1	1-1/2"	2"	3"	4"	6"
Thread X Thread	09894 \$1,951.09	05856C \$4,462.93	N/A	N/A	N/A
Flange X Flange	N/A	N/A	<u>05914C</u> \$5,657.97	<u>05911C</u> \$7,129.56	<u>05908C</u> \$9,519.61
Flange X Groove	N/A	N/A	<u>05837C</u> \$5,657.97	<u>05841C</u> \$7,129.56	<u>05458C</u> \$9,519.61

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 (includes release / trim)		<u>12252C-1</u>						
		\$4,795.84	\$4,795.84	\$4,795.84	\$4,795.84	\$4,795.84	\$4,795.84	\$4,795.84

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)	<u>11894-1</u>	<u>11894-2</u>	<u>11894-3</u>	<u>11894-3</u>	<u>11894-4</u>	<u>11894-4</u>	<u>11894-4</u>
	\$548.37	\$443.55	\$502.66	\$502.66	\$645.13	\$645.13	\$645.13

1-1/2"	2"	2-1/2"	3"	4"	6"	8"
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Vertical Trim (Straight Through) - Galvanized (IPG V245)

Loose Trim (incl. accessory pkg-09316)	<u>12418-1</u> \$2,847.24	<u>12418-1</u> \$2,847.24	<u>12306-1</u> \$2,684.06	<u>12306-1</u> \$2,684.06	<u>11719-1</u> \$2,848.51	<u>11720-1</u> \$2,848.51	<u>14708-1</u> \$3,376.35
Modular Trim (incl. accessory pkg-09316)	<u>12418-1P</u> \$3,161.79	<u>12418-1P</u> \$3,161.79	<u>12306-1P</u> \$2,998.62	<u>12306-1P</u> \$2,998.62	<u>11719-1P</u> \$3,163.03	<u>11720-1P</u> \$3,163.03	<u>14708-1P</u> \$3,692.34

Vertical Trim (Angle Style) - Galvanized (IPG V245)

Loose Trim (incl. accessory pkg-09316)	<u>14702-1</u> \$2,981.55	<u>14703-1</u> \$2,747.92	N/A	<u>14704-1</u> \$2,810.69	<u>14705-1</u> \$2,982.86	<u>14706-1</u> \$2,982.86	N/A
Modular Trim (incl. accessory pkg-09316)	<u>14702-1P</u> \$3,306.33	<u>14703-1P</u> \$2,989.64	N/A	<u>14704-1P</u> \$3,135.48	<u>14705-1P</u> \$3,307.65	<u>14706-1P</u> \$3,307.65	N/A

1-1/2"	2"	2-1/2"	3"	4"	6"	8"
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Releasing Devices (IPG V240)

Solenoid Valve	<u>11601</u> \$999.44						
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Releasing Trim - Galvanized (IPG V238)

Loose Trim (releasing device not incl.)	<u>10830</u> \$104.16						
Modular Trim (releasing device not incl.)	<u>10830P</u> \$449.63						
Loose Trim - DOMESTIC (releasing device not incl.)	<u>10830USA</u> \$138.86						

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	\$2,304.59
corrosion resistant	09743	\$3,214.28

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	\$1,869.64
Tankless	13771	\$659.19

IPG V234

TrimPac® - Replacement Hose

PVC drain hose	12071	\$148.90
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IPG V234

TrimPac® - Riser Mounting Kit

(use when mounting TrimPac unit to riser)

Vertical	11900	\$1,034.04
Horizontal	11901	\$1,421.88

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"
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For Straight Through Valves - Vertical/Galvanized Trim (IPG V250)

Loose Trim	<u>14746-1</u> \$6,137.19	<u>14746-1</u> \$6,137.19	<u>14747-1</u> \$6,200.64	<u>14747-1</u> \$6,200.64	<u>14748-1</u> \$6,485.68	<u>14749-1</u> \$6,475.05	<u>14713-1</u> \$6,484.21
Modular Trim	<u>14746-1P</u> \$6,501.82	<u>14746-1P</u> \$6,501.82	<u>14747-1P</u> \$6,565.91	<u>14747-1P</u> \$6,565.91	<u>14748-1P</u> \$6,853.68	<u>14749-1P</u> \$7,109.97	<u>14713-1P</u> \$7,119.58

For Angle Style Valves - Vertical/Galvanized Trim (IPG V236)

Loose Trim	N/A	<u>14715-1</u> \$6,273.88	N/A	<u>14716-1</u> \$6,294.37	<u>14717-1</u> \$6,512.98	<u>14718-1</u> \$6,713.42	N/A
Modular Trim	N/A	<u>14715-1P</u> P.O.A.	N/A	<u>14716-1P</u> P.O.A.	<u>14717-1P</u> \$7,339.54	<u>14718-1P</u> \$7,360.01	N/A

Pressure Regulating Trim for FLOW CONTROL SYSTEMS (includes conventional trim)

	1-1/2"	2"	2-1/2"	3"	4"	6"	8"
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For Straight Through Valves - Vertical/Galvanized Trim (IPG V238)

Loose Trim	<u>14768-1</u> \$6,437.98	<u>14768-1</u> \$6,437.98	<u>14769-1</u> \$6,504.55	<u>14769-1</u> \$6,504.55	<u>14770-1</u> \$6,803.54	<u>14771-1</u> \$6,792.40	<u>14772-1</u> \$6,802.02
Modular Trim	<u>14768-1P</u> \$6,755.56	<u>14768-1P</u> \$6,755.56	<u>14769-1P</u> \$6,822.13	<u>14769-1P</u> \$6,822.13	<u>14770-1P</u> \$7,121.11	<u>14771-1P</u> \$7,109.97	<u>14772-1P</u> \$7,119.58

For Angle Style Valves - Vertical/Galvanized Trim (IPG V238)

Loose Trim	N/A	<u>14764-1</u> \$6,764.19	N/A	<u>14765-1</u> \$6,786.28	<u>14766-1</u> \$6,992.54	<u>14767-1</u> \$7,042.45	N/A
Modular Trim	N/A	<u>14764-1P</u> P.O.A.	N/A	<u>14765-1P</u> \$7,109.83	<u>14766-1P</u> \$7,316.09	<u>14767-1P</u> P.O.A.	N/A

	1-1/2"	2"	2-1/2"	3"	4"	6"	8"
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Releasing Devices (IPG V240)

Solenoid Valve	<u>11601</u> \$999.44						
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Releasing Trim - Galvanized (IPG V238)

Loose Trim (releasing device not incl.)	<u>10830</u> \$104.16						
Modular Trim (releasing device not incl.)	<u>10830P</u> \$449.63						

Speed Control Assembly	IPG V244	Pilot Pressure Regulating Valve (C-2)	IPG V244	Speed Control Valve	
use with conventional trim			10799 \$1,263.80	08313 \$428.91	
Galvanized	08780 \$1,648.45				IPG V249
Stainless Steel	11192 \$9,700.32				
Brass	11181 \$1,942.26				
			1/2" / 15mm	01054A \$128.10	
					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)			Explosion Proof		
1/2" / DN50			Dual SPDT	PS10-EX	\$1,388.36
Single SPDT	PS101A	\$221.55	Dual SPDT	PS40EX	\$1,389.36
Dual SPDT	PS102A	\$266.52	* Cenelec approved		
* Manufactured by Potter			<u>Pressure Adj Access Key</u>		
			10600		\$28.54
			<u>Cover Removal Key</u>		
			10601		\$28.54

* Appropriate hex keys included with switches.

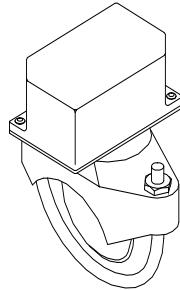
Pressure Supervisory Switch (Air, Nitrogen, Water) - IPG SR020

Adjustable Range (10-175 psi)			Explosion Proof		
1/2" / DN50			Dual SPDT	10379	\$1,880.32
Single SPDT	PS401A	\$221.55	* Cenelec approved		
Dual SPDT	PS402A	\$266.52	<u>Pressure Adj Access Key</u>		
* Manufactured by Potter			10600		\$28.54
<u>Cover Tamper Switch Kit</u>			<u>Cover Removal Key</u>		
			10601		\$28.54

* 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

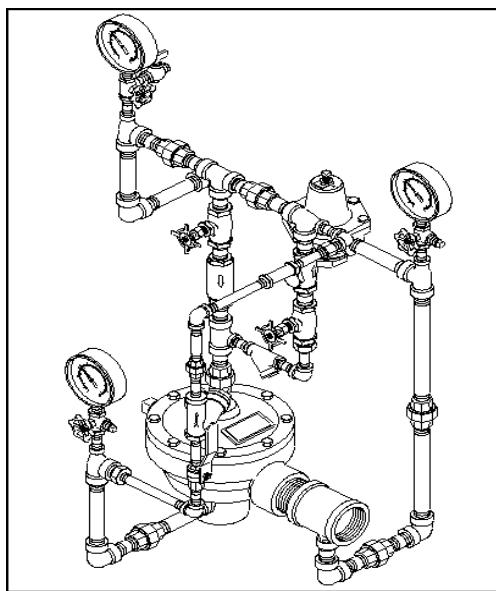


Water Motor Alarm and Accessories - IPG V226

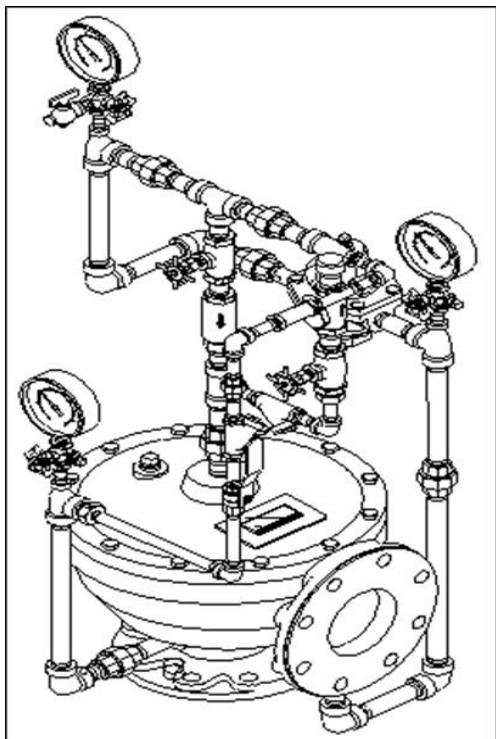
Water Motor Alarm	Closure Plate
Model F-2 07862 \$648.58	05820B \$132.37
Adjustable Shaft	Alarm Line Y Strainer
(wall thickness up to 30-1/4 in / 768 mm) 	3/4 " (DN20) 01489A \$193.13
03312B \$127.01	
Extension Cup	
	05957B \$105.90

Pilot Operated Pressure Control Valves

Threaded



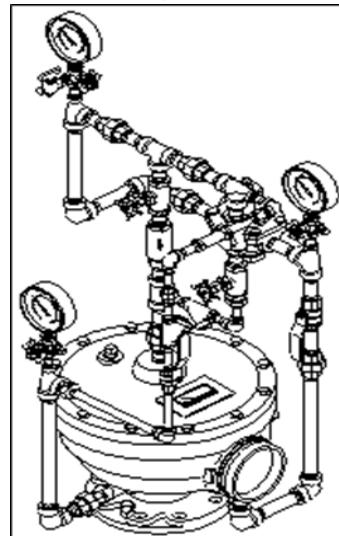
Flange/Flange



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	\$12,035
Flange/Flange	Model A-2 4" / DN100	10795	\$12,035
	6" / DN150	10807	\$14,198
	PN10/16	DN100	10795FFPN1016
	PN10/16	DN150	10807FFPN1016
	Model A-3 4" / DN100	10803	\$24,066
	6" / DN150	11476	\$28,842
	PN10/16	DN100	10803FFPN1016
	PN10/16	DN150	11476FFPN1016
Flange/Groove	Model A-2 4" / DN100	10794	\$12,035
	6" / DN150	10806	\$14,198
	Model A-3 4" / DN100	10802	\$23,856
	6" / DN150	11475	\$28,625

¹ Not UL Listed. Use for Deluge Applications Only.

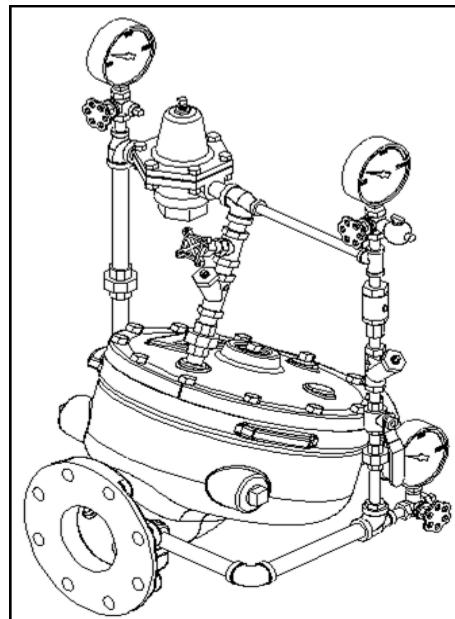
Flange/Groove



Pilot Operated Pressure Control Valves

DESCRIPTION	Nominal Size	Part No.	List Price	DESCRIPTION	Nominal Size	Part No.	List Price	
Pilot Operated Pressure Control Valves				Pilot Operated Pressure Control Valves				
Includes trim UL Listed/FM Approved	Use with Straight Through Valves			Halar® Coated (includes trim) UL Listed/FM Approved	Use with Straight Through Valves			
Model B-1				Model B-3				
Threaded	Vertical	Galvanized		Flange/Flange	Vertical	Brass		
		2" / DN50	12793			4" / DN100	13540	\$40,151
						6" / DN150	13543	\$51,493
						8" / DN200	13545	\$64,225
Flange/Flange		4" / DN100	12802	\$12,690	Flange/Groove	4" / DN100	13539	\$40,070
		6" / DN150	12805	\$16,316		6" / DN150	13542	\$50,993
		8" / DN200	12807	\$20,468	Groove/Groove	1½" / DN40	13532	\$17,143
Flange/Groove		4" / DN100	12801	\$12,664		2" / DN50	13533	\$17,364
		6" / DN150	12804	\$16,155		4" / DN100	13538	\$41,314
Groove/Groove		1½" / DN40	12792	\$5,543		6" / DN150	13541	\$50,689
		2" / DN50	12794	\$5,614		8" / DN200	13544	\$61,415
				IPG V239				
		4" / DN100	12800	\$8,149	Flange/Flange	Horizontal	Brass	
		6" / DN150	12803	\$16,057		4" / DN100	13526	\$24,157
		8" / DN200	12806	\$19,562		6" / DN150	13529	\$51,627
		Galvanized				8" / DN200	13531	\$64,550
		1½" / DN40	12774	\$5,531	Flange/Groove	4" / DN100	13525	\$24,076
		2" / DN50	12776	\$5,602		6" / DN150	13528	\$51,127
Flange/Flange		4" / DN100	12785	\$7,354	Groove/Groove	1½" / DN40	13518	\$17,179
		6" / DN150	12788	\$16,319		2" / DN50	13519	\$17,399
		8" / DN200	12790	\$20,473		4" / DN100	13524	\$25,320
Flange/Groove		4" / DN100	12784	\$7,767		6" / DN150	13527	\$50,823
		6" / DN150	12787	\$16,158		8" / DN200	13530	\$61,740
Groove/Groove		1½" / DN40	12775	\$5,531	IPG V239			
		2" / DN50	12777	\$5,602				
		4" / DN100	12783	\$8,168				
		6" / DN150	12786	\$16,060				
		8" / DN200	12789	\$19,567				
IPG V238								

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	<u>12406Q/B</u> \$7,801.77	N/A	N/A	N/A	N/A
Flange X Flange	N/A	N/A	N/A	<u>12017Q/B</u> \$7,801.77	<u>11977Q/B</u> \$9,676.38	<u>11979Q/B</u> \$12,887.81	<u>11994Q/B</u> \$25,501.56
Flange X Groove	N/A	N/A	N/A	<u>12021Q/B</u> \$7,801.77	<u>11976Q/B</u> \$9,676.38	<u>11978Q/B</u> \$12,887.81	N/A
Groove X Groove	<u>12131Q/B</u> \$6,118.25	<u>12062Q/B</u> \$6,134.83	<u>12408Q/B</u> \$7,801.77	<u>12025Q/B</u> \$7,801.77	<u>11517Q/B</u> \$9,676.38	<u>11528Q/B</u> \$12,887.81	<u>11119Q/B</u> \$24,834.83

Angle Style (Model H-2)

IPG V244.1	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	<u>08366Q/B</u> \$8,558.84	<u>08367Q/B</u> \$10,615.35	<u>08368Q/B</u> \$14,138.36	N/A
Flange X Groove	N/A	N/A	N/A	<u>11207Q/B</u> \$8,558.84	<u>11208Q/B</u> \$10,615.35	<u>11209Q/B</u> \$13,495.71	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)	<u>12419-1</u> \$2,847.24	<u>12419-1</u> \$2,847.24	<u>12307-1</u> \$2,684.06	<u>12307-1</u> \$2,684.06	<u>11941-1</u> \$2,848.51	<u>11942-1</u> \$2,848.51	<u>14707-1</u> \$3,376.35
Modular Trim (incl. accessory pkg-09316)	<u>12419-1P</u> \$3,137.94	<u>12419-1P</u> \$3,137.94	<u>12307-1P</u> P.O.A.	<u>12307-1P</u> P.O.A.	<u>11941-1P</u> \$3,163.03	<u>11942-1P</u> \$3,163.03	<u>14707-1P</u> \$3,692.34

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)	<u>14702-2</u> \$4,791.13	<u>14703-2</u> \$4,464.99	N/A	<u>14704-2</u> \$4,586.01	<u>14705-2</u> \$5,018.94	<u>14706-2</u> \$5,073.50	N/A
Modular Trim (incl. accessory pkg-09316)	<u>14702-2P</u> P.O.A.	<u>14703-2P</u> P.O.A.	N/A	<u>14704-2P</u> P.O.A.	<u>14705-2P</u> P.O.A.	<u>14706-2P</u> 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)	<u>12418-2</u> \$4,575.31	<u>12418-2</u> \$4,575.31	<u>12306-2</u> \$4,379.46	<u>12306-2</u> \$4,379.46	<u>11719-2</u> \$4,792.85	<u>11720-2</u> \$4,844.98	<u>14708-2</u> \$5,878.31
Modular Trim (incl. accessory pkg-09316)	<u>12418-2P</u> \$4,908.19	<u>12418-2P</u> \$4,908.19	<u>12306-2P</u> \$4,712.31	<u>12306-2P</u> \$4,712.31	<u>11719-2P</u> \$5,125.70	<u>11720-2P</u> \$5,177.84	<u>14708-2P</u> \$6,211.16

Straight Through Valves - HORIZONTAL

IPG V246	1-1/2"	2"	2-1/2"	3"	4"	6"	8"
Loose Trim (incl. accessory pkg-09316)	<u>12419-2</u> \$4,575.31	<u>12419-2</u> \$4,575.31	<u>12307-2</u> \$4,379.46	<u>12307-2</u> \$4,379.46	<u>11941-2</u> \$4,792.85	<u>11942-2</u> \$4,844.98	<u>14707-2</u> \$5,878.31
Modular Trim (incl. accessory pkg-09316)	<u>12419-2P</u> P.O.A.	<u>12419-2P</u> P.O.A.	<u>12307-2P</u> P.O.A.	<u>12307-2P</u> P.O.A.	<u>11941-2P</u> \$5,125.70	<u>11942-2P</u> \$5,177.84	<u>14707-2P</u> \$6,211.16

Special Valves and Trim

BRASS - Releasing Trims

IPG V239	Pneumatic	Electric Pneumatic	Electric	Pneumatic Pneumatic	<u>DOMESTIC¹</u> Electric
Loose Trim <i>(releasing device not incl.)</i>	<u>10811</u> \$280.12	<u>12661-2</u> \$233.83	<u>10832</u> \$315.20	<u>12662-2</u> \$1,491.94	<u>10832USA</u> \$420.26
Modular Trim <i>(releasing device not incl.)</i>	<u>10811P</u> \$612.91	<u>126612P</u> P.O.A.	<u>10832P</u> P.O.A.	<u>126622P</u> P.O.A.	<u>10832USA-P</u> 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"
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For Straight Through Valves - Horizontal/Galvanized Trim (IPG V36)

Loose Trim	<u>14750-1</u> \$6,123.42	<u>14750-1</u> \$6,123.42	<u>14751-1</u> \$6,196.59	<u>14751-1</u> \$6,196.59	<u>14752-1</u> \$6,435.98	<u>14753-1</u> \$6,386.49	<u>14714-1</u> \$6,467.07
Modular Trim	<u>14750-1P</u> P.O.A.	<u>14750-1P</u> P.O.A.	<u>14751-1P</u> P.O.A.	<u>14751-1P</u> P.O.A.	<u>14752-1P</u> \$6,738.72	<u>14753-1P</u> \$6,689.22	<u>14714-1P</u> 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"
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For Straight Through Valves - Vertical/Brass Trim (IPG V237)

Loose Trim	<u>14746-2</u> \$7,642.09	<u>14746-2</u> \$7,642.09	<u>14747-2</u> \$7,870.76	<u>14747-2</u> \$7,870.76	<u>14748-2</u> \$8,437.02	<u>14749-2</u> \$8,394.95	<u>14713-2</u> \$8,394.26
Modular Trim	<u>14746-2P</u> \$7,959.61	<u>14746-2P</u> \$7,959.61	<u>14747-2P</u> \$8,188.29	<u>14747-2P</u> \$8,188.29	<u>14748-2P</u> \$8,754.52	<u>14749-2P</u> P.O.A.	<u>14713-2P</u> P.O.A.

For Angle Style Valves - Vertical/Brass Trim (IPG V237)

Loose Trim	N/A	<u>14715-2</u> \$8,132.28	N/A	<u>14716-2</u> \$8,104.09	<u>14717-2</u> \$8,609.73	<u>14718-2</u> \$8,718.69	N/A
Modular Trim	N/A	<u>14715-2P</u> P.O.A.	N/A	<u>14716-2P</u> \$8,202.57	<u>14717-2P</u> P.O.A.	<u>14718-2P</u> 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"
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For Straight Through Valves - Vertical/Brass Trim (IPG V239)

Loose Trim	<u>14768-2</u> \$8,011.61	<u>14768-2</u> \$8,011.61	<u>14769-2</u> \$8,251.34	<u>14769-2</u> \$8,251.34	<u>14770-2</u> \$8,844.96	<u>14771-2</u> \$8,800.84	<u>14772-2</u> \$8,800.13
Modular Trim	<u>14768-2P</u> \$8,344.48	<u>14768-2P</u> \$8,344.48	<u>14769-2P</u> \$8,550.34	<u>14769-2P</u> \$8,550.34	<u>14770-2P</u> \$9,177.80	<u>14771-2P</u> \$8,714.03	<u>14772-2P</u> P.O.A.

For Angle Style Valves - Vertical/Brass Trim (IPG V239)

Loose Trim	N/A	<u>14764-2</u> \$8,525.48	N/A	<u>14765-2</u> \$8,495.95	<u>14766-2</u> \$9,026.02	<u>14767-2</u> \$9,140.26	N/A
Modular Trim	N/A	<u>14764-2P</u> P.O.A.	N/A	<u>14765-2P</u> P.O.A.	<u>14766-2P</u> P.O.A.	<u>14767-2P</u> P.O.A.	N/A

DOMESTIC¹ 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	<u>14770-2USA</u> \$11,793.29	<u>14771-2USA</u> \$11,734.46	<u>14772-2USA</u> \$11,733.51
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(1) Meets sourcing requirements of the Buy American Act, American Reinvestment and Recovery Act, and the Buy American Law. Contact customer service for availability.



Section Q
Firecycle® Systems

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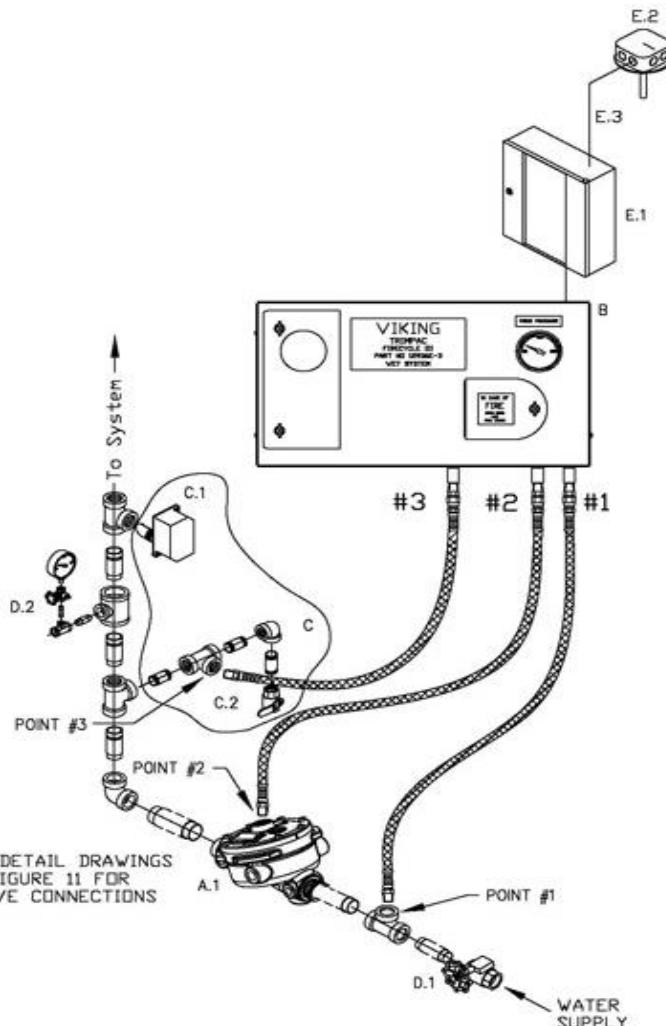
Firecycle® III – Wet System	Q-1 – Q-2
Firecycle® III – Deluge System	Q-3 – Q-4
Firecycle® III – Preaction System.....	Q-5 – Q-6
Components and Accessories.....	Q-7 – Q-8
Alarm Devices.....	Q-9

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 20, 2020. Supersedes January 2019 list price book.
3. All sales by Viking are subject to the Terms & Conditions found on the last page of this book.

Firecycle® is a registered trademark of The Viking Corporation

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	<u>12130</u> \$3,941.61	<u>12063</u> \$4,068.18	<u>12405</u> \$5,157.51	N/A	N/A	N/A	N/A
Flange X Flange	N/A	N/A	N/A	<u>12016</u> \$5,157.51	<u>11968</u> \$6,498.96	<u>11970</u> \$8,677.59	<u>11993</u> \$18,695.21
Flange X Groove	N/A	N/A	N/A	<u>12020</u> \$5,157.51	<u>11967</u> \$6,498.96	<u>11969</u> \$8,677.59	N/A
Groove X Groove	<u>12129</u> \$3,941.61	<u>12061</u> \$4,068.18	<u>12407</u> \$5,157.51	<u>12024</u> \$5,157.51	<u>11516</u> \$6,498.96	<u>11527</u> \$8,677.59	<u>11019</u> \$16,387.92

Model H Flow Control Valve* - ANGLE STYLE

IPG 244.1	1-1/2"	2"	3"	4"	6"
Thread X Thread	<u>09894</u> \$1,951.09	<u>05856C</u> \$4,462.93	N/A	N/A	N/A
Flange X Flange	N/A	N/A	<u>05914C</u> \$5,657.97	<u>05911C</u> \$7,129.56	<u>05908C</u> \$9,519.61
Flange X Groove	N/A	N/A	<u>05837C</u> \$5,657.97	<u>05841C</u> \$7,129.56	<u>05458C</u> \$9,519.61

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	<u>12936E-3</u> \$7,039.01						
BRASS Trim	1-1/2"	2"	2-1/2"	3"	4"	6"	8"
Cycling Wet System	<u>12936E-3B</u> \$9,889.72						

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® (order separately)	<u>11894-1</u> \$548.37	<u>11894-2</u> \$443.55	<u>11894-3</u> \$502.66	<u>11894-3</u> \$502.66	<u>11894-4</u> \$645.13	<u>11894-4</u> \$645.13	<u>11894-4</u> \$645.13

Accessories for TrimPac® (IPG V234)

Air Line Trim (not for use with Deluge TrimPac System)	Replacement Hose	Riser Mounting Kit
Tank Mounted 13770 \$1,869.64	PVC drain hose 12071 \$148.90	(when mounting TrimPac to riser)
Tankless 13771 \$659.19		Vertical 11900 \$1,034.04
		Horizontal 11901 \$1,421.88

Firecycle® Detectors*

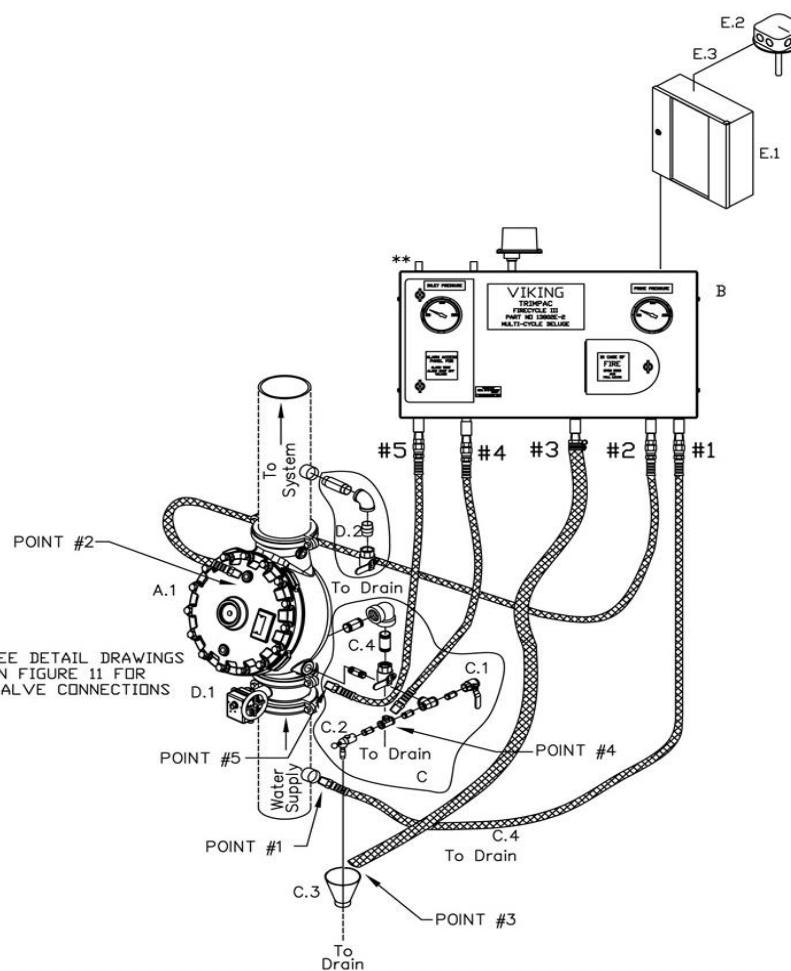
Firecycle III-OH Detectors	IPG V248	Firecycle II and III Detectors	IPG V248
<u>Flush Mount</u>  11723 140°F / 60°C \$704.71 11724 160°F / 71°C \$704.71 11725 190°F / 88°C \$704.71 11726 225°F / 107°C \$704.71		<u>Use with cable in conduit</u>  08288 140°F / 60°C \$1,744.41 08289 160°F / 71°C \$1,744.41 08290 190°F / 88°C \$1,744.41	
<u>Surface Mount</u>  11727 140°F / 60°C \$704.71 11728 160°F / 71°C \$704.71 11729 190°F / 88°C \$704.71 11730 225°F / 107°C \$704.71			

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 \$11.61 per ft (100 ft minimum order)	
16 Gauge FPL 19749 \$16.58 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	<u>12130</u> \$3,941.61	<u>12063</u> \$4,068.18	<u>12405</u> \$5,157.51	N/A	N/A	N/A	N/A
Flange X Flange	N/A	N/A	N/A	<u>12016</u> \$5,157.51	<u>11968</u> \$6,498.96	<u>11970</u> \$8,677.59	<u>11993</u> \$18,695.21
Flange X Groove	N/A	N/A	N/A	<u>12020</u> \$5,157.51	<u>11967</u> \$6,498.96	<u>11969</u> \$8,677.59	N/A
Groove X Groove	<u>12129</u> \$3,941.61	<u>12061</u> \$4,068.18	<u>12407</u> \$5,157.51	<u>12024</u> \$5,157.51	<u>11516</u> \$6,498.96	<u>11527</u> \$8,677.59	<u>11019</u> \$16,387.92

Model H Flow Control Valve* - ANGLE STYLE

IPG 244.1	1-1/2"	2"	3"	4"	6"
Thread X Thread	<u>09894</u> \$1,951.09	<u>05856C</u> \$4,462.93	N/A	N/A	N/A
Flange X Flange	N/A	N/A	<u>05914C</u> \$5,657.97	<u>05911C</u> \$7,129.56	<u>05908C</u> \$9,519.61
Flange X Groove	N/A	N/A	<u>05837C</u> \$5,657.97	<u>05841C</u> \$7,129.56	<u>05458C</u> \$9,519.61

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	<u>13802E-2</u>						
(includes release & trim)	\$7,039.01	\$7,039.01	\$7,039.01	\$7,039.01	\$7,039.01	\$7,039.01	\$7,039.01
BRASS Trim	1-1/2"	2"	2-1/2"	3"	4"	6"	8"
Multicycle Deluge	<u>13802E-2B</u>						
(includes release & trim)	\$9,889.72	\$9,889.72	\$9,889.72	\$9,889.72	\$9,889.72	\$9,889.72	\$9,889.72

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® (order separately)	<u>11894-1</u> \$548.37	<u>11894-2</u> \$443.55	<u>11894-3</u> \$502.66	<u>11894-3</u> \$502.66	<u>11894-4</u> \$645.13	<u>11894-4</u> \$645.13	<u>11894-4</u> \$645.13

Accessories for TrimPac® (IPG V234)

Air Line Trim (not for use with Deluge TrimPac System)	Replacement Hose	Riser Mounting Kit
Tank Mounted 13770 \$1,869.64	PVC drain hose 12071 \$148.90	(when mounting TrimPac to riser)
Tankless 13771 \$659.19		Vertical 11900 \$1,034.04
		Horizontal 11901 \$1,421.88

Firecycle® Detectors*

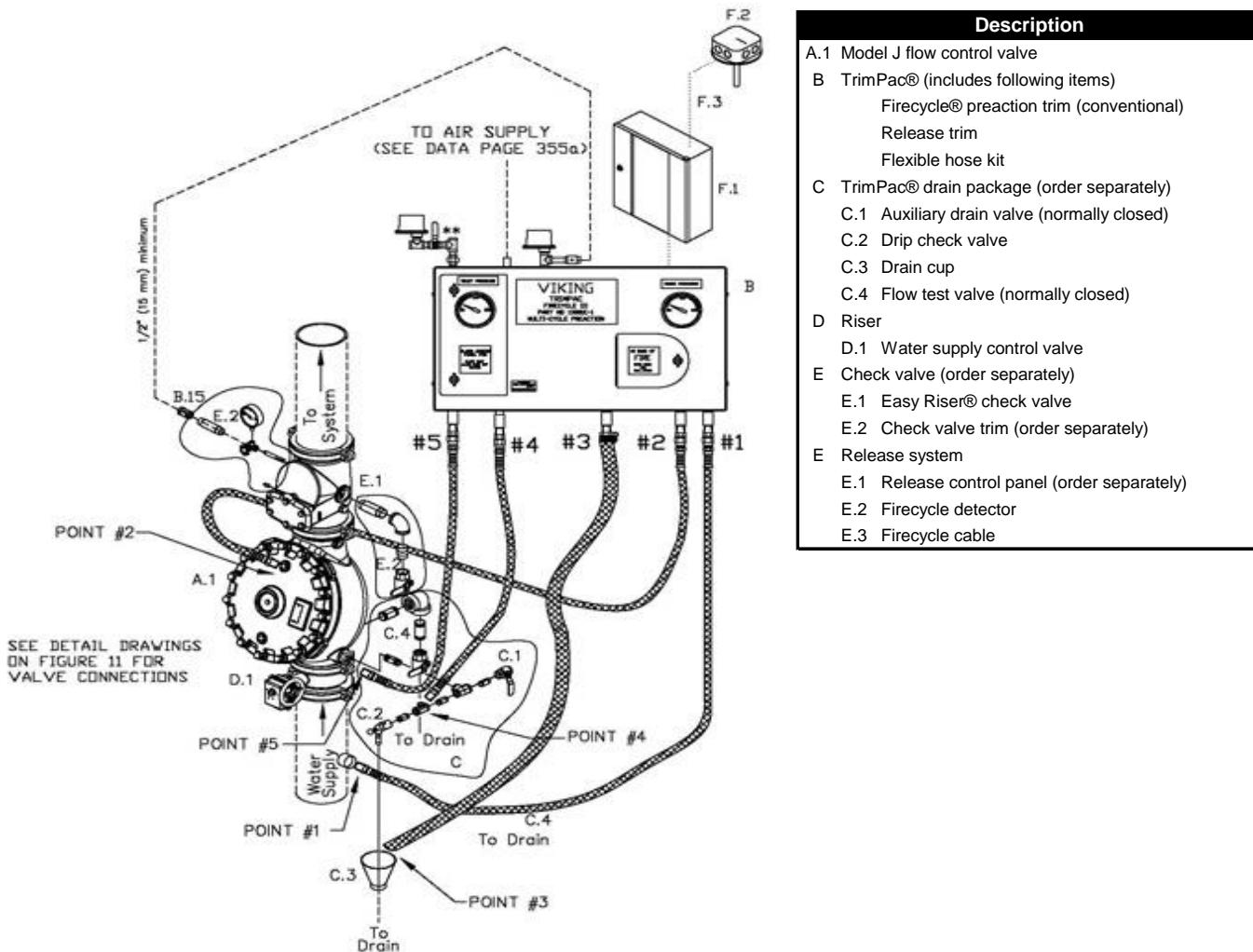
Firecycle III-OH Detectors	IPG V248	Firecycle II and III Detectors	IPG V248
Flush Mount  11723 140°F / 60°C \$704.71 11724 160°F / 71°C \$704.71 11725 190°F / 88°C \$704.71 11726 225°F / 107°C \$704.71		Use with cable in conduit  08288 140°F / 60°C \$1,744.41 08289 160°F / 71°C \$1,744.41 08290 190°F / 88°C \$1,744.41	
Surface Mount  11727 140°F / 60°C \$704.71 11728 160°F / 71°C \$704.71 11729 190°F / 88°C \$704.71 11730 225°F / 107°C \$704.71			

Firecycle detectors can be installed in finished ceilings using recessed escutcheon. See technical data for details.

CABLE - Firecycle® III and III-OH	IPG V248
<i>(for use in conduit)</i>	
18 Gauge FPL	19750 \$11.61 per ft (100 ft minimum order)
16 Gauge FPL	19749 \$16.58 per ft (100 ft minimum order)

* See pages Q-7 - Q-9 for additional accessories and related components

Firecycle® System - PREACTION - Single/Double Interlocked



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	<u>12130</u> \$3,941.61	<u>12063</u> \$4,068.18	<u>12405</u> \$5,157.51	N/A	N/A	N/A	N/A
Flange X Flange	N/A	N/A	N/A	<u>12016</u> \$5,157.51	<u>11968</u> \$6,498.96	<u>11970</u> \$8,677.59	<u>11993</u> \$18,695.21
Flange X Groove	N/A	N/A	N/A	<u>12020</u> \$5,157.51	<u>11967</u> \$6,498.96	<u>11969</u> \$8,677.59	N/A
Groove X Groove	<u>12129</u> \$3,941.61	<u>12061</u> \$4,068.18	<u>12407</u> \$5,157.51	<u>12024</u> \$5,157.51	<u>11516</u> \$6,498.96	<u>11527</u> \$8,677.59	<u>11019</u> \$16,387.92

Model H Flow Control Valve* - ANGLE STYLE

IPG 244.1	1-1/2"	2"	3"	4"	6"
Thread X Thread	<u>09894</u> \$1,951.09	<u>05856C</u> \$4,462.93	N/A	N/A	N/A
Flange X Flange	N/A	N/A	<u>05914C</u> \$5,657.97	<u>05911C</u> \$7,129.56	<u>05908C</u> \$9,519.61
Flange X Groove	N/A	N/A	<u>05837C</u> \$5,657.97	<u>05841C</u> \$7,129.56	<u>05458C</u> \$9,519.61

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 <i>(includes release & trim)</i>	<u>13801E-1</u> \$7,039.01						
BRASS Trim	1-1/2"	2"	2-1/2"	3"	4"	6"	8"
Single/Double Interlock <i>(includes release & trim)</i>	<u>13801E-1B</u> \$9,889.72						

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® (order separately)	<u>11894-1</u> \$548.37	<u>11894-2</u> \$443.55	<u>11894-3</u> \$502.66	<u>11894-3</u> \$502.66	<u>11894-4</u> \$645.13	<u>11894-4</u> \$645.13	<u>11894-4</u> \$645.13
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1-1/2" | **2"** | **2-1/2"** | **3"** | **4"** | **6"** | **8"**

Riser Check Valve and Trim (IPG V259 / V222)

Riser Check Valve Threaded	<u>10659</u> \$714.05	<u>10667</u> \$825.57	N/A	N/A	N/A	N/A	N/A
Riser Check Valve Flange / Flange	N/A	N/A	N/A	<u>08505</u> \$1,204.63	<u>08508</u> \$1,241.21	<u>08511</u> \$2,046.52	N/A
Riser Check Valve Flange / Groove	N/A	N/A	N/A	<u>08506</u> \$1,021.65	<u>08509</u> \$1,051.58	<u>08512</u> \$1,740.35	<u>08515</u> \$2,463.31
Riser Check Valve Groove / Groove	<u>11054</u> \$714.05	<u>11059</u> \$825.57	<u>07929</u> \$868.53	<u>08507</u> \$868.53	<u>08510</u> \$868.53	<u>08513</u> \$1,607.28	<u>08516</u> \$2,276.15
Riser Check Valve Trim <i>(For Preaction)</i>	<u>12960</u> \$236.98	<u>12960</u> \$236.98	<u>13776</u> \$593.68	<u>13776</u> \$593.68	<u>13777</u> \$627.57	<u>13777</u> \$627.57	<u>13777</u> \$627.57
Riser Check Valve Trim	<u>12960-1</u> \$400.69	<u>12960-1</u> \$400.69	N/A	N/A	N/A	N/A	N/A
BRASS							

* Riser check valve trim includes system main drain valve and air pressure gauge.

Accessories for TrimPac® (IPG V234)

Air Line Trim <i>(not for use with Deluge TrimPac System)</i>	Replacement Hose	Riser Mounting Kit
Tank Mounted 13770 \$1,869.64	PVC drain hose 12071 \$148.90	(when mounting TrimPac to riser)
Tankless 13771 \$659.19		Vertical 11900 \$1,034.04
		Horizontal 11901 \$1,421.88

Firecycle® Detectors*

Firecycle III-OH Detectors			<i>IPG V248</i>	Firecycle II and III Detectors			<i>IPG V248</i>
Flush Mount				Use with cable in conduit			
11723	140°F / 60°C	\$704.71		08288	140°F / 60°C	\$1,744.41	
11724	160°F / 71°C	\$704.71		08289	160°F / 71°C	\$1,744.41	
11725	190°F / 88°C	\$704.71		08290	190°F / 88°C	\$1,744.41	
11726	225°F / 107°C	\$704.71					
Surface Mount							
11727	140°F / 60°C	\$704.71					
11728	160°F / 71°C	\$704.71					
11729	190°F / 88°C	\$704.71					
11730	225°F / 107°C	\$704.71					

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			Firecycle II and III Detectors		
<u>Flush Mount</u>			<i>IPG V248</i>		
11723	140°F / 60°C	\$704.71	08288	140°F / 60°C	\$1,744.41
11724	160°F / 71°C	\$704.71	08289	160°F / 71°C	\$1,744.41
11725	190°F / 88°C	\$704.71	08290	190°F / 88°C	\$1,744.41
11726	225°F / 107°C	\$704.71			
<u>Surface Mount</u>			<i>IPG V248</i>		
11727	140°F / 60°C	\$704.71			
11728	160°F / 71°C	\$704.71			
11729	190°F / 88°C	\$704.71			
11730	225°F / 107°C	\$704.71			

(1) Includes mounting nuts and ceramic wire nuts

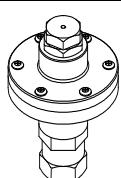
Firecycle detectors can be installed in finished ceilings using recessed escutcheon. See technical data for details.

RELEASE CONTROL PANEL (VFR-400)		<i>IPG V241</i>		
VFR-400 Release Control Panel				
- Multi-hazard operation		<u>Part No.</u>	<u>List Price</u>	
- Features on board, menu driven programming		14152-1	\$4,160.38	
- Four Class B initiating circuits				
- Two Class B supervisory circuits**		* see below for accessories and optional modules		
- 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				
Optional Modules / Accessories		<u>Part No.</u>	<u>List Price</u>	
CA2Z Module (class A initiating device circuit):	14155	\$248.38	<u>Batteries</u> (two required per panel)	
CAM2 Module (class A indicating appliance circuit):	14156	\$285.63	<u>Part No.</u>	<u>List Price</u>
ARM-1/ARM-2 Module (auxiliary relay module):	14157	\$360.15	8 Amp	07920 \$95.43
RA-4410-RC (remote annunciator):	14154	\$1,303.98	12 Amp	07921 P.O.A.
			18 Amp	09867 P.O.A.
		<u>Part No.</u>	<u>List Price</u>	
MR-101/T SPDT Relay Module:	14159	\$145.95	<u>Battery Cabinet</u> (for 18 amp hr battery)	
MR-201 DPDT Relay Module:	14160	\$183.17	<u>Part No.</u>	<u>List Price</u>
MR801/T SPDT Relay w/Led Indicator:	14161	\$77.62	09866	\$727.01
ELOD Resistor/Diode:	14162	\$37.26		
ELOR Resistor:	14163	\$3.12		

CABLE - Firecycle® III and III-OH				<i>IPG V248</i>	
(for use in conduit)					
18 Gauge FPL	19750	\$11.61	per ft	<i>(100 ft minimum order)</i>	
16 Gauge FPL	19749	\$16.58	per ft	<i>(100 ft minimum order)</i>	

Accessories for Firecycle® Systems

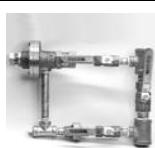
Model D-2 - Air Pressure Maintenance Device



<u>Size</u>	<u>Part #</u>	<u>List Price</u>
1/4" / DN8	02280C	\$760.27

V226

Model D-2 - Air Pressure Maintenance Device



<u>Size</u>	<u>Part #</u>	<u>List Price</u>
1/2" / DN15	07459	\$1,336.01

DOMESTIC¹

<u>Size</u>	<u>Part #</u>	<u>List Price</u>
1/2" / DN15	07459USA	\$1,781.34

V226

Dehydrator Package

Includes:

- | | |
|---------------------|-------------------------|
| - Desiccant | <u>1/4" (DN8)</u> |
| - Mounting Brackets | 16854 \$1,798.84 |
| - Nipples | <u>Extra Desiccant*</u> |
| | 16855 \$407.29 |

IPG V226

*one unit fills dehydrator

Filter Kit

<u>Part #</u>	<u>List Price</u>
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V249	03007A	\$47.43
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Electric Bell



<u>120V AC</u>		
8" / 200 mm	PBA-1208	\$113.64

IPG SR030

Accessories for TrimPac® (IPG V234)

Air Line Trim

(not for use with Deluge TrimPac System)

<u>Tank Mounted</u>	13770	\$1,869.64
<u>Tankless</u>	13771	\$659.19

Replacement Hose

<u>PVC drain hose</u>	12071	\$148.90
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Riser Mounting Kit

(when mounting TrimPac to riser)

<u>Vertical</u>	11900	\$1,034.04
<u>Horizontal</u>	11901	\$1,421.88

Alarm Devices

Alarm Pressure Switch - SR020

Adjustable Range (4-20 psi)		Explosion Proof		
1/2" / DN50		Dual SPDT	PS10-EX	\$1,460.48
Single SPDT	PS101A	Dual SPDT	PS40EX	\$1,460.48
Dual SPDT	PS102A			* Cenelec approved
* Manufactured by Potter			Pressure Adj Access Key	
			10600	\$28.54
			Cover Removal Key	
			10601	\$28.54

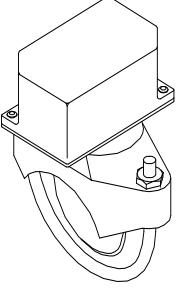
* Appropriate hex keys included with switches.

Pressure Supervisory Switch (Air, Nitrogen, Water) - IPG SR020

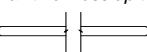
Adjustable Range (10-175 psi)		Explosion Proof		
1/2" / DN50		Dual SPDT	10379	\$1,880.32
Single SPDT	PS401A	Dual SPDT	10600	\$28.54
Dual SPDT	PS402A			* Cenelec approved
* Manufactured by Potter			Pressure Adj Access Key	
	09601	Cover Tamper Switch Kit	10601	\$145.95
				\$28.54

* 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		
1-2" / DN40	VSRF0100	\$332.34
2" / DN50	VSRF0200	\$360.22
2½" / DN65	VSRF0250	\$360.22
3" / DN80	VSRF0300	\$360.22
3½" / DN90	VSRF0350	\$360.22
4" / DN100	VSRF0400	\$360.22
5" / DN125	VSRF0500	\$360.22
6" / DN150	VSRF0600	\$360.22
8" / DN200	VSRF0800	\$403.10
		

Water Motor Alarm and Accessories - IPG V226

Water Motor Alarm	Model F-2	Closure Plate
	07862	\$648.58
05820B		\$132.37
Adjustable Shaft		Alarm Line Y Strainer
(wall thickness up to 30-1/4 in / 768 mm)		
	03312B	\$127.01
3/4 " (DN20)		
01489A		\$193.13
Extension Cup		
	05957B	\$105.90



Section R
Foam Systems

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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 20, 2020. Supersedes January 2019 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 to 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)	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.				Model J-1 Alarm Valve Trim Variable Pressure V227									
Straight Through Deluge Valve Threaded NPT													
	HALAR® Pipe O.D. NPT 65mm	Model F-2 2½"	12402Q/B	\$6,433.28	Vertical	Brass 3" / DN80 4" / DN100 6" / DN150 8" / DN200	11428 11429 11430 11431	\$2,100.60 \$2,451.22 \$2,572.25 \$2,572.25					
Groove/Groove V233	HALAR® Pipe O.D. 48mm 60mm 73mm	Model F-2 1½" / DN40 2" / DN50 2½" / DN65	12127Q/B 12058Q/B 12404Q/B	\$4,766.38 \$4,779.35 \$6,433.28	Horizontal	3" / DN80 4" / DN100 6" / DN150 8" / DN200	11432 11433 11434 11435	\$2,175.07 \$2,575.35 \$2,628.13 \$2,628.13					
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.				Circuit Closer Vent Trim	Brass	8220	\$183.49						
Straight Through Flow Control Valve This valve is used in Pressure Regulating Foam Systems													
	HALAR® Pipe O.D. NPT 65mm	Model J-2 2½"	12406Q/B	\$7,801.77									
Groove/Groove V244	HALAR® Pipe O.D. 48mm 60mm 73mm	Model J-2 1½" / DN40 2" / DN50 2½" / DN65	12131Q/B 12062Q/B 12408Q/B	\$6,118.25 \$6,134.83 \$7,801.77									
FOAM CONCENTRATE CONTROL VALVE TRIM V244													
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													
<table border="1"> <tr> <td>Galvanized 1½" / DN40 2" / DN50 2½" / DN65</td> <td>12848-1 12848-1 12929-1</td> <td>\$376.68 \$376.68 \$864.45</td> </tr> <tr> <td>Brass 1½" / DN40 2" / DN50 2½" / DN65</td> <td>12848-2 12848-2 12929-2</td> <td>\$522.59 \$522.59 \$943.05</td> </tr> </table>								Galvanized 1½" / DN40 2" / DN50 2½" / DN65	12848-1 12848-1 12929-1	\$376.68 \$376.68 \$864.45	Brass 1½" / DN40 2" / DN50 2½" / DN65	12848-2 12848-2 12929-2	\$522.59 \$522.59 \$943.05
Galvanized 1½" / DN40 2" / DN50 2½" / DN65	12848-1 12848-1 12929-1	\$376.68 \$376.68 \$864.45											
Brass 1½" / DN40 2" / DN50 2½" / DN65	12848-2 12848-2 12929-2	\$522.59 \$522.59 \$943.05											

(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*
	F20335-6.5	AFFF 1%S C6 Concentrate	6.5 gal bucket	61
	F20335-55	AFFF 1%S C6 Concentrate	55 gal drum	500
	F20335-265	AFFF 1%S C6 Concentrate	265 gal tote	2454
	F20336-6.5	AFFF 3%S C6 Concentrate	6.5 gal bucket	59
	F20336-55	AFFF 3%S C6 Concentrate	55 gal drum	491
	F20336-265	AFFF 3%S C6 Concentrate	265 gal tote	2389
	F21719-6.5	AFFF 3%M C6 Concentrate Mil Spec.	6.5 gal bucket	59
	F21719-55	AFFF 3%M C6 Concentrate Mil Spec.	55 gal drum	491
	F21719-265	AFFF 3%M C6 Concentrate Mil Spec.	265 gal tote	2389

* Per container

Alcohol-Resistant Foam Concentrate (ARC) IPG V300				
	Part Number	Description	Gallons/Container	Shipping Weight*
	F20227-6.5	ARC 3X3S C6 Concentrate	6.5 gal bucket	59
	F20227-55	ARC 3X3S C6 Concentrate	55 gal drum	491
	F20227-265	ARC 3X3S C6 Concentrate	265 gal tote	2389

* Per container

Fluoroprotein (FP) IPG V300				
	Part Number	Description	Gallons/Container	Shipping Weight*
	F20896-6.5	FP 3% C6 Concentrate	6.5 gal bucket	30 lbs
	F20896-55	FP 3% C6 Concentrate	55 gal drum	488 lbs
	F20896-265	FP 3% C6 Concentrate	265 gal tote	2393 lbs

* Per container

ACCESSORIES - Foam Systems

Pressure Operated Relief Valve (PORV) - Model D-3	Pressure Operated Relief Valve (PORV) - Model D-4
 <u>½" / DN15</u> <u>Brass</u> 16970 \$ 1,503.36 IPG V242	 <u>½" / DN15</u> <u>Corrosion Resistant</u> 16971 \$ 2,312.86 IPG V242
1/8" / 3mm Restricted Orifice	Ball Valve
 <u>½" / DN15</u> 06555A \$ 33.59 IPG V226	 <u>½" / DN15</u> 10355 \$ 54.66 IPG V226
Y Strainer	CCV - Priming Connection Package
 <u>½" / DN15</u> 01054A \$ 128.10 IPG V226	Includes: - 1/8" Restricted Orifice <u>10985</u> - Model D-3 PORV \$ 1,041.49 - 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
<u>Bladder Tank Water Supply Control Valve</u>			
Thd Butterball® Valve w/ Switches	2" / DN50	BBSCS02-0200	\$ 953.96
Ball Valve	1½" / DN40	FBV3C-0150	\$ 145.65
Ball Valve	2" / DN50	FBV3C-0200	\$ 200.27
OS & Y	2½" / DN65	8068A-0250	\$ 1,072.98
OS & Y	3" / DN80	8068A-0300	\$ 1,180.84
* Butterball® is a registered trademark of Milwaukee Valve Co.			
<u>Foam Concentrate Swing Check Valve</u>			
Swing Check Valve	1½" / DN40	99S-0150	\$ 134.46
Swing Check Valve	2" / DN50	99S-0200	\$ 163.35
Swing Check Valve	2½" / DN65	05497C	\$ 608.99
<u>Foam Solution Test Valve</u>			
Grooved Butterfly Valve	2½" / DN65	01G-0250	\$ 967.50
Grooved Butterfly Valve	3" / DN80	01G-0300	\$ 1,057.34
Grooved Butterfly Valve	4" / DN100	01G-0400	\$ 1,097.93
Grooved Butterfly Valve	6" / DN150	01G-0600	\$ 1,614.06
Grooved Butterfly Valve	8" / DN200	01G-0800	\$ 2,407.79
<u>System Isolation Valve</u>			
Grooved Butterfly Valve	2½" / DN65	01G-0250	\$ 967.50
Grooved Butterfly Valve	3" / DN80	01G-0300	\$ 1,057.34
Grooved Butterfly Valve	4" / DN100	01G-0400	\$ 1,097.93
Grooved Butterfly Valve	6" / DN150	01G-0600	\$ 1,614.06
Grooved Butterfly Valve	8" / DN200	01G-0800	\$ 2,407.79
<u>Water Supply Control Valve</u>			
OS & Y Valve	2½" / DN65	8068A-0250	\$ 1,072.98
OS & Y Valve	3" / DN80	8068A-0300	\$ 1,180.84
OS & Y Valve	4" / DN100	8068A-0400	\$ 1,379.54
OS & Y Valve	6" / DN150	8068A-0600	\$ 1,958.61
OS & Y Valve	8" / DN200	8068A-0800	\$ 3,218.94
<u>Foam Concentrate Shut-Off Valve</u>			
Ball Valve	1½" / DN40	T595Y66-0150	\$ 644.83
Ball Valve	2" / DN50	T595Y66-0200	\$ 1,052.33
Ball Valve	2½" / DN65	T595Y66-0250	\$ 2,111.70
<u>Foam Test Header</u>			
Angle Hose Valve	2½" / DN65	212AHV	\$ 242.65
Angle Hose Valve Cap	2½" / DN65	212HC	\$ 35.00

Proportioning Devices

Concentrate Controllers



		IPG V302
		List Price
F20282A	2" Grooved Controller, AFFF 1%S C6, (50 GPM - 311 GPM)	\$ 1,454.90
F20282B	2" Grooved Controller, AFFF 3%S C6, (50 GPM - 311 GPM)	\$ 1,454.90
F20282J	2" Grooved Controller, ARC 3%J, (100 GPM FM/102 GPM UL - 310 GPM)	\$ 1,454.90
F20282M	2" Grooved Controller, AFFF 3%M C6 Mil-Spec, (50 GPM - 311 GPM)	\$ 1,454.90
F20162A	2.5" Grooved Controller, AFFF 1%S C6, (50 GPM - 475 GPM)	\$ 2,241.52
F20162B	2.5" Grooved Controller, AFFF 3%S C6, (50 GPM - 475 GPM)	\$ 2,241.52
F20162J	2.5" Grooved Controller, ARC 3%J C6, (160 GPM FM/165 GPM UL - 475 GPM)	\$ 2,241.52
F20162M	2.5" Grooved Controller, AFFF 3%M C6 Mil-Spec, (50 GPM - 475 GPM)	\$ 2,241.52
F20152A	3" Grooved Controller, AFFF 1%S C6, (50 GPM - 750 GPM)	\$ 2,453.54
F20152B	3" Grooved Controller, AFFF 3%S C6, (50 GPM - 750 GPM)	\$ 2,453.54
F20152J	3" Grooved Controller, ARC 3%J C6, (300 GPM - 750 GPM)	\$ 2,453.54
F20152M	3" Grooved Controller, AFFF 3%M C6 Mil-Spec, (50 GPM - 750 GPM)	\$ 2,453.54
F20217A	4" Grooved Controller, AFFF 1%S C6, (50 GPM - 1250 GPM)	\$ 2,844.34
F20217B	4" Grooved Controller, AFFF 3%S C6, (50 GPM - 1250 GPM)	\$ 2,844.34
F20217J	4" Grooved Controller, ARC 3%J C6, (50 GPM - 1250 GPM)	\$ 2,844.34
F20217M	4" Grooved Controller, AFFF 3%M C6 Mil-Spec, (400 GPM - 475 GPM)	\$ 2,844.34
F20214A	6" Grooved Controller, AFFF 1%S C6, (140 GPM - 2300 GPM)	\$ 4,097.98
F20214B	6" Grooved Controller, AFFF 3%S C6, (70 GPM - 2300 GPM)	\$ 4,097.98
F20214J	6" Grooved Controller, ARC 3%J C6, (750 GPM - 2300 GPM)	\$ 4,097.98
F20214M	6" Grooved Controller, AFFF 3%M C6 Mil-Spec, (70 GPM - 2300 GPM)	\$ 4,097.98
F20137A	8" Grooved Controller, AFFF 1%S C6, (200 GPM - 4500 GPM)	\$ 6,751.76
F20137B	8" Grooved Controller, AFFF 3%S C6, (70 GPM - 4500 GPM)	\$ 6,751.76
F20137J	8" Grooved Controller, ARC 3%J C6, (1400 GPM - 4500 GPM)	\$ 6,751.76
F20137M	8" Grooved Controller, AFFF 3%M C6 Mil-Spec, (70 GPM - 4500 GPM)	\$ 6,751.76

In-Line Balanced Proportioners (ILBPs)



		IPG V303
		List Price
F20316A	3" ILBP 1%S AFFF, (50 GPM - 750 GPM)	\$ 14,064.06
F20316B	3" ILBP 3% AFFF, (100 GPM - 750 GPM)	\$ 14,064.06
F20316J	3" ILBP 3% AR-AFFF, (200 GPM - 750 GPM)	\$ 14,064.06
F20316M	3" ILBP 3% Mil Spec, (50 GPM - 750 GPM)	\$ 14,064.06
F20317A	4" ILBP 1%S AFFF, (500 GPM FM/250 GPM UL - 1250 GPM)	\$ 15,033.99
F20317B	4" ILBP 3% AFFF, (400 GPM - 1250 GPM)	\$ 15,033.99
F20317J	4" ILBP 3% AR-AFFF, (450 GPM FM/400 GPM UL - 1250 GPM)	\$ 15,033.99
F20317M	4" ILBP 3% Mil Spec, (400 GPM - 1250 GPM)	\$ 15,033.99
F20184A	6" ILBP 1%S AFFF, (500 GPM - 2300 GPM)	\$ 17,216.34
F20184B	6" ILBP 3% AFFF, (600 GPM - 2300 GPM)	\$ 17,216.34
F20184J	6" ILBP 3% AR-AFFF, (850 GPM - 2300 GPM)	\$ 17,216.34
F20184M	6" ILBP 3% Mil Spec, (600 GPM - 2300 GPM)	\$ 17,216.34
F20185A	8" ILBP 1%S AFFF, (1550 GPM FM/1300 GPM UL - 4500 GPM)	\$ 18,913.72
F20185B	8" ILBP 3% AFFF, (1300 GPM - 4500 GPM)	\$ 18,913.72
F20185J	8" ILBP 3% AR-AFFF, (1553 GPM FM/1634 GPM UL - 4500 GPM)	\$ 18,913.72
F20185M	8" ILBP 3% Mil Spec, (1300 GPM - 4500 GPM)	\$ 18,913.72

Proportioning Devices (continued)

BFZ Between Flange Inductor

IPG V304



Part Number	Description	List Price
F15922	4" BFZ Inductor, (145 GPM - 872 GPM)	\$13,905.04
F15923	6" BFZ Inductor, (291 GPM - 1744 GPM)	\$25,982.35
F15924	8" BFZ Inductor, (436 GPM - 2615 GPM)	\$37,657.14
F15925	8"S BFZ Inductor, (436 GPM - 4359 GPM)	\$42,699.82

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	\$2,451.96
F20964	1-1/2" FE 90 FP 3% UL, 95 GPM	\$2,451.96
F20961	1-1/2" FE 90 ARC 3X3S, 95 GPM	\$2,451.96
F20962	1-1/2" FE 90 AFFF 1%S, 95 GPM	\$2,451.96
F09181	1-1/2" FE 90 AFFF 3%S , 95 GPM	\$2,451.96

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
	GN201, 360° Pattern, Grooved, 26" Grate Nozzle*, UL/FM, AFFF 1%S	\$ 7,535.09
F21949	GN201, 360° Pattern, Grooved, 26" Grate Nozzle*, UL/FM, AFFF 3%S	\$ 7,535.09
	GN201, 360° Pattern, Grooved, 26" Grate Nozzle*, UL/FM, AFFF 3%M Mil-Spec	\$ 7,535.09
	GN201, 360° Pattern, Grooved, 20" Grate Nozzle*, UL/FM, AFFF 1%S	\$ 7,535.09
F21996	GN201, 360° Pattern, Grooved, 20" Grate Nozzle*, UL/FM, AFFF 3%S	\$ 7,535.09
	GN201, 360° Pattern, Grooved, 20" Grate Nozzle*, UL/FM, AFFF 3%M Mil-Spec	\$ 7,535.09
	GN201, 180° Pattern, Grooved, 26" Grate Nozzle*, UL/FM, AFFF 1%S	\$ 7,535.09
F21948	GN201, 180° Pattern, Grooved, 26" Grate Nozzle*, UL/FM, AFFF 3%S	\$ 7,535.09
	GN201, 180° Pattern, Grooved, 26" Grate Nozzle*, UL/FM, AFFF 3%M Mil-Spec	\$ 7,535.09
	GN201, 180° Pattern, Grooved, 20" Grate Nozzle*, UL/FM, AFFF 1%S	\$ 7,535.09
F21995	GN201, 180° Pattern, Grooved, 20" Grate Nozzle*, UL/FM, AFFF 3%S	\$ 7,535.09
	GN201, 180° Pattern, Grooved, 20" Grate Nozzle*, UL/FM, AFFF 3%M Mil-Spec	\$ 7,535.09
	GN201, 90° Pattern, Grooved, 26" Grate Nozzle*, UL/FM, AFFF 1%S	\$ 7,535.09
F21947	GN201, 90° Pattern, Grooved, 26" Grate Nozzle*, UL/FM, AFFF 3%S	\$ 7,535.09
	GN201, 90° Pattern, Grooved, 26" Grate Nozzle*, UL/FM, AFFF 3%M Mil-Spec	\$ 7,535.09
	GN201, 90° Pattern, Grooved, 20" Grate Nozzle*, UL/FM, AFFF 1%S	\$ 7,535.09
F21994	GN201, 90° Pattern, Grooved, 20" Grate Nozzle*, UL/FM, AFFF 3%S	\$ 7,535.09
	GN201, 90° Pattern, Grooved, 20" Grate Nozzle*, UL/FM, AFFF 3%M Mil-Spec	\$ 7,535.09
	GN201, 360° Pattern, Grooved, 555 mm Grate Nozzle*, UL/FM, AFFF 1%S	\$ 7,535.09
F22018	GN201, 360° Pattern, Grooved, 555 mm Grate Nozzle*, UL/FM, AFFF 3%S	\$ 7,535.09
	GN201, 360° Pattern, Grooved, 555 mm Grate Nozzle*, UL/FM, AFFF 3%M Mil-Spec	\$ 7,535.09
	GN201, 180° Pattern, Grooved, 555 mm Grate Nozzle*, UL/FM, AFFF 1%S	\$ 7,535.09
F22017	GN201, 180° Pattern, Grooved, 555 mm Grate Nozzle*, UL/FM, AFFF 3%S	\$ 7,535.09
	GN201, 180° Pattern, Grooved, 555 mm Grate Nozzle*, UL/FM, AFFF 3%M Mil-Spec	\$ 7,535.09
	GN201, 90° Pattern, Grooved, 555 mm Grate Nozzle*, UL/FM, AFFF 1%S	\$ 7,535.09
F22016	GN201, 90° Pattern, Grooved, 555 mm Grate Nozzle*, UL/FM, AFFF 3%S	\$ 7,535.09
	GN201, 90° Pattern, Grooved, 555 mm Grate Nozzle*, UL/FM, AFFF 3%M Mil-Spec	\$ 7,535.09

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
	GN200, 360° Pattern, Grooved, 26" Grate Nozzle*, UL, AFFF 1%S	\$ 7,911.84
F02012	GN200, 360° Pattern, Grooved, 26" Grate Nozzle*, UL, AFFF 3%S	\$ 7,911.84
	GN200, 360° Pattern, Grooved, 26" Grate Nozzle*, UL, AFFF 3%M Mil-Spec	\$ 7,911.84
	GN200, 360° Pattern, Grooved, 20" Grate Nozzle*, UL, AFFF 1%S	\$ 7,911.84
F02022	GN200, 360° Pattern, Grooved, 20" Grate Nozzle*, UL, AFFF 3%S	\$ 7,911.84
	GN200, 360° Pattern, Grooved, 20" Grate Nozzle*, UL, AFFF 3%M Mil-Spec	\$ 7,911.84
	GN200, 180° Pattern, Grooved, 26" Grate Nozzle*, UL, AFFF 1%S	\$ 7,535.09
F13689	GN200, 180° Pattern, Grooved, 26" Grate Nozzle*, UL, AFFF 3%S	\$ 7,535.09
	GN200, 180° Pattern, Grooved, 26" Grate Nozzle*, UL, AFFF 3%M Mil-Spec	\$ 7,535.09
	GN200, 180° Pattern, Grooved, 20" Grate Nozzle*, UL, AFFF 1%S	\$ 7,535.09
F13690	GN200, 180° Pattern, Grooved, 20" Grate Nozzle*, UL, AFFF 3%S	\$ 7,535.09
	GN200, 180° Pattern, Grooved, 20" Grate Nozzle*, UL, AFFF 3%M Mil-Spec	\$ 7,535.09
	GN200, 90° Pattern, Grooved, 26" Grate Nozzle*, UL, AFFF 1%S	\$ 7,535.09
F13686	GN200, 90° Pattern, Grooved, 26" Grate Nozzle*, UL, AFFF 3%S	\$ 7,535.09
	GN200, 90° Pattern, Grooved, 26" Grate Nozzle*, UL, AFFF 3%M Mil-Spec	\$ 7,535.09
	GN200, 90° Pattern, Grooved, 20" Grate Nozzle*, UL, AFFF 1%S	\$ 7,535.09
F13687	GN200, 90° Pattern, Grooved, 20" Grate Nozzle*, UL, AFFF 3%S	\$ 7,535.09
	GN200, 90° Pattern, Grooved, 20" Grate Nozzle*, UL, AFFF 3%M Mil-Spec	\$ 7,535.09

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 \$ 2,798.40
F20941	Split Deflector	Carbon Steel \$ 282.59
F20937	Solid Deflector	Carbon Steel \$ 282.59
F20919	Mounting flange with studs	Carbon Steel \$ 483.36
F20906	2.5" Foam Chamber	Stainless Steel 316 \$ 8,340.28
F20942	Split Deflector	Stainless Steel 316 \$ 847.76
F20938	Solid Deflector	Stainless Steel 316 \$ 847.76
F20921	Mounting flange with studs	Stainless Steel 316 \$ 1,450.08
F21203	3" Foam Chamber	Carbon Steel \$ 3,275.40
F21169	Split Deflector	Carbon Steel \$ 362.44
F21157	Solid Deflector	Carbon Steel \$ 362.44
F21181	Mounting flange with studs	Carbon Steel \$ 558.29
F21205	3" Foam Chamber	Stainless Steel 316 \$ 9,681.65
F21170	Split Deflector	Stainless Steel 316 \$ 1,087.36
F21158	Solid Deflector	Stainless Steel 316 \$ 1,087.36
F21183	Mounting flange with studs	Stainless Steel 316 \$ 1,674.88
F21207	4" Foam Chamber	Carbon Steel \$ 3,599.19
F21173	Split Deflector	Carbon Steel \$ 424.62
F21161	Solid Deflector	Carbon Steel \$ 424.62
F21185	Mounting flange with studs	Carbon Steel \$ 615.93
F21209	4" Foam Chamber	Stainless Steel 316 \$ 12,196.74
F21174	Split Deflector	Stainless Steel 316 \$ 1,273.85
F21162	Solid Deflector	Stainless Steel 316 \$ 1,273.85
F21187	Mounting flange with studs	Stainless Steel 316 \$ 1,847.87
F21211	6" Foam Chamber	Carbon Steel \$ 5,168.95
F21177	Split Deflector	Carbon Steel \$ 469.34
F21165	Solid Deflector	Carbon Steel \$ 469.34
F21189	Mounting flange with studs	Carbon Steel \$ 878.06
F21213	6" Foam Chamber	Stainless Steel 316 \$ 18,420.87
F21178	Split Deflector	Stainless Steel 316 \$ 1,408.01
F21166	Solid Deflector	Stainless Steel 316 \$ 1,408.01
F21191	Mounting flange with studs	Stainless Steel 316 \$ 3,805.83

Foam Makers and Foam Pourers

IPG V306



Part Number	Description	List Price
F21216	1-1/2" Foam Maker ANSI	\$ 956.32
F21218	1-1/2" Foam Maker ANSI SS	\$ 2,868.96
F21221	2-1/2" Foam Maker ANSI	\$ 1,640.92
F21223	2-1/2" Foam Maker ANSI SS	\$ 4,922.74
F21226	3" Foam Maker ANSI	\$ 1,990.27
F21228	3" Foam Maker ANSI SS	\$ 5,970.82
F21231	4" Foam Maker ANSI	\$ 2,653.70
F21233	4" Foam Maker ANSI SS	\$ 7,961.09



Part Number	Description	List Price
F21255	1.5"/2.5" Foam Pourer ANSI	\$ 423.46
F21257	1.5"/2.5" Foam Pourer ANSI SST	\$ 1,270.39
F21259	3" Foam Pourer ANSI	\$ 529.33
F21261	3" Foam Pourer ANSI SST	\$ 1,587.98
F21263	4" Foam Pourer ANSI	\$ 688.12
F21265	4" Foam Pourer ANSI SST	\$ 2,064.38

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	Horizontal Bladder Tanks			IPG V301
Capacity	Part Number	List Price		Capacity	Part Number	List Price	
25 Gallon	VFTV0025U	\$ 25,009.43		50 Gallon	VFTH0050U	\$ 34,579.72	
36 Gallon	VFTV0036U	\$ 26,036.06		75 Gallon	VFTH0075U	\$ 35,233.38	
50 Gallon	VFTV0050U	\$ 30,143.10		100 Gallon	VFTH0100U	\$ 36,651.64	
75 Gallon	VFTV0075U	\$ 32,408.46		150 Gallon	VFTH0150U	\$ 40,716.32	
100 Gallon	VFTV0100U	\$ 33,167.49		200 Gallon	VFTH0200U	\$ 43,372.36	
150 Gallon	VFTV0150U	\$ 37,257.76		250 Gallon	VFTH0250U	\$ 47,593.67	
200 Gallon	VFTV0200U	\$ 40,823.29		300 Gallon	VFTH0300U	\$ 48,765.86	
250 Gallon	VFTV0250U	\$ 42,067.28		350 Gallon	VFTH0350U	\$ 52,076.88	
300 Gallon	VFTV0300U	\$ 44,741.23		400 Gallon	VFTH0400U	\$ 55,036.10	
350 Gallon	VFTV0350U	\$ 49,401.53		450 Gallon	VFTH0450U	\$ 57,759.09	
400 Gallon	VFTV0400U	\$ 52,387.13		500 Gallon	VFTH0500U	\$ 59,760.20	
450 Gallon	VFTV0450U	\$ 53,742.76		600 Gallon	VFTH0600U	\$ 62,746.08	
500 Gallon	VFTV0500U	\$ 56,376.13		700 Gallon	VFTH0700U	\$ 72,076.89	
600 Gallon	VFTV0600U	\$ 61,016.16		800 Gallon	VFTH0800U	\$ 77,750.20	
700 Gallon	VFTV0700U	\$ 65,766.46		900 Gallon	VFTH0900U	\$ 82,069.62	
800 Gallon	VFTV0800U	\$ 73,483.41		1000 Gallon	VFTH1000U	\$ 88,298.72	
900 Gallon	VFTV0900U	\$ 77,029.01		1100 Gallon	VFTH1100U	\$ 91,719.30	
1000 Gallon	VFTV1000U	\$ 88,517.37		1200 Gallon	VFTH1200U	\$ 97,492.04	
1100 Gallon	VFTV1100U	\$ 94,321.91		1300 Gallon	VFTH1300U	\$ 107,614.49	
1200 Gallon	VFTV1200U	\$ 95,112.22		1400 Gallon	VFTH1400U	\$ 110,225.39	
1300 Gallon	VFTV1300U	\$ 101,978.64		1500 Gallon	VFTH1500U	\$ 113,889.39	
1400 Gallon	VFTV1400U	\$ 107,641.16		1600 Gallon	VFTH1600U	\$ 115,340.12	
1500 Gallon	VFTV1500U	\$ 110,589.68		1700 Gallon	VFTH1700U	\$ 119,586.79	
1600 Gallon	VFTV1600U	\$ 116,938.61		1800 Gallon	VFTH1800U	\$ 124,607.55	
1700 Gallon	VFTV1700U	\$ 118,833.41		1900 Gallon	VFTH1900U	\$ 132,395.62	
1800 Gallon	VFTV1800U	\$ 122,150.75		2000 Gallon	VFTH2000U	\$ 151,142.58	
1900 Gallon	VFTV1900U	\$ 124,421.70		2200 Gallon	VFTH2200U	\$ 159,069.28	
2000 Gallon	VFTV2000U	\$ 126,692.71		2400 Gallon	VFTH2400U	\$ 166,564.29	
2200 Gallon	VFTV2200U	\$ 151,302.79		2600 Gallon	VFTH2600U	\$ 172,238.87	
2400 Gallon	VFTV2400U	\$ 158,404.92		2800 Gallon	VFTH2800U	\$ 179,808.90	
2600 Gallon	VFTV2600U	\$ 165,776.80		3000 Gallon	VFTH3000U	\$ 189,324.20	
2800 Gallon	VFTV2800U	\$ 172,798.20		3200 Gallon	VFTH3200U	\$ 198,047.43	
3000 Gallon	VFTV3000U	\$ 178,597.09		3400 Gallon	VFTH3400U	\$ 204,696.81	
3200 Gallon	VFTV3200U	\$ 186,521.09		3600 Gallon	VFTH3600U	\$ 208,653.77	
3400 Gallon	VFTV3400U	\$ 193,532.50		3800 Gallon	VFTH3800U	\$ 213,991.62	
3600 Gallon	VFTV3600U	\$ 197,171.96		4000 Gallon	VFTH4000U	\$ 220,216.86	
3800 Gallon	VFTV3800U	\$ 201,611.96		4250 Gallon	VFTH4250U	\$ 228,615.05	
4000 Gallon	VFTV4000U	\$ 208,191.32		4500 Gallon	VFTH4500U	\$ 234,116.04	



* 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	\$12,954.63
F20396B23	105 Gallon SAFE Atmospheric Storage Tank w/2" fittings & level indicator	\$12,894.70
F20396C2123	105 Gallon SAFE Atmospheric Storage Tank w/2-1/2" fittings & level indicator	\$14,789.20
F20396D33	105 Gallon SAFE Atmospheric Storage Tank w/3" fittings & level indicator	\$14,678.97
F20003A1123	160 Gallon SAFE Atmospheric Storage Tank w/1-1/2" fittings & level indicator	\$13,925.07
F20003B23	160 Gallon SAFE Atmospheric Storage Tank w/2" fittings & level indicator	\$13,865.14
F20003C2123	160 Gallon SAFE Atmospheric Storage Tank w/2-1/2" fittings & level indicator	\$15,759.65
F20003D33	160 Gallon SAFE Atmospheric Storage Tank w/3" fittings & level indicator	\$15,649.42
F22240A1123	250 Gallon SAFE Atmospheric Storage Tank w/1-1/2" fittings & level indicator	\$13,749.26
F22240B23	250 Gallon SAFE Atmospheric Storage Tank w/2" fittings & level indicator	\$13,771.52
F22240C2123	250 Gallon SAFE Atmospheric Storage Tank w/2-1/2" fittings & level indicator	\$15,311.17
F22240D33	250 Gallon SAFE Atmospheric Storage Tank w/3" fittings & level indicator	\$15,377.95
F20004A1123	405 Gallon SAFE Atmospheric Storage Tank w/1-1/2" fittings & level indicator	\$14,708.25
F20004B23	405 Gallon SAFE Atmospheric Storage Tank w/2" fittings & level indicator	\$14,648.31
F20004C2123	405 Gallon SAFE Atmospheric Storage Tank w/2-1/2" fittings & level indicator	\$16,542.83
F20004D33	405 Gallon SAFE Atmospheric Storage Tank w/3" fittings & level indicator	\$16,432.60
F20005A1123	540 Gallon SAFE Atmospheric Storage Tank w/1-1/2" fittings & level indicator	\$19,676.74
F20005B23	540 Gallon SAFE Atmospheric Storage Tank w/2" fittings & level indicator	\$19,616.81
F20005C2123	540 Gallon SAFE Atmospheric Storage Tank w/2-1/2" fittings & level indicator	\$21,477.26
F20005D33	540 Gallon SAFE Atmospheric Storage Tank w/3" fittings & level indicator	\$21,367.02
F20014A1123	750 Gallon SAFE Atmospheric Storage Tank w/1-1/2" fittings & level indicator	\$23,930.67
F20014B23	750 Gallon SAFE Atmospheric Storage Tank w/2" fittings & level indicator	\$23,870.73
F20014C2123	750 Gallon SAFE Atmospheric Storage Tank w/2-1/2" fittings & level indicator	\$26,031.21
F20014D33	750 Gallon SAFE Atmospheric Storage Tank w/3" fittings & level indicator	\$25,920.97
F20006A1123	1000 Gallon SAFE Atmospheric Storage Tank w/1-1/2" fittings & level indicator	\$25,492.65
F20006B23	1000 Gallon SAFE Atmospheric Storage Tank w/2" fittings & level indicator	\$25,432.72
F20006C2123	1000 Gallon SAFE Atmospheric Storage Tank w/2-1/2" fittings & level indicator	\$27,293.18
F20006D33	1000 Gallon SAFE Atmospheric Storage Tank w/3" fittings & level indicator	\$27,182.95
F20007A1123	1550 Gallon SAFE Atmospheric Storage Tank w/1-1/2" fittings & level indicator	\$28,438.07
F20007B23	1550 Gallon SAFE Atmospheric Storage Tank w/2" fittings & level indicator	\$28,378.14
F20007C2123	1550 Gallon SAFE Atmospheric Storage Tank w/2-1/2" fittings & level indicator	\$30,238.59
F20007D33	1550 Gallon SAFE Atmospheric Storage Tank w/3" fittings & level indicator	\$30,128.36
F20008A1123	2500 Gallon SAFE Atmospheric Storage Tank w/1-1/2" fittings & level indicator	\$41,915.47
F20008B23	2500 Gallon SAFE Atmospheric Storage Tank w/2" fittings & level indicator	\$41,855.54
F20008C2123	2500 Gallon SAFE Atmospheric Storage Tank w/2-1/2" fittings & level indicator	\$43,416.34
F20008D33	2500 Gallon SAFE Atmospheric Storage Tank w/3" fittings & level indicator	\$43,306.11
F20009A1123	3150 Gallon SAFE Atmospheric Storage Tank w/1-1/2" fittings & level indicator	\$47,584.97
F20009B23	3150 Gallon SAFE Atmospheric Storage Tank w/2" fittings & level indicator	\$47,525.04
F20009C2123	3150 Gallon SAFE Atmospheric Storage Tank w/2-1/2" fittings & level indicator	\$49,085.84
F20009D33	3150 Gallon SAFE Atmospheric Storage Tank w/3" fittings & level indicator	\$48,975.61
F20010A1123	4400 Gallon SAFE Atmospheric Storage Tank w/1-1/2" fittings & level indicator	\$63,871.58
F20010B23	4400 Gallon SAFE Atmospheric Storage Tank w/2" fittings & level indicator	\$63,811.65
F20010C2123	4400 Gallon SAFE Atmospheric Storage Tank w/2-1/2" fittings & level indicator	\$65,372.46
F20010D33	4400 Gallon SAFE Atmospheric Storage Tank w/3" fittings & level indicator	\$65,262.23
F20011A1123	5400 Gallon SAFE Atmospheric Storage Tank w/1-1/2" fittings & level indicator	\$69,795.49
F20011B23	5400 Gallon SAFE Atmospheric Storage Tank w/2" fittings & level indicator	\$69,343.02
F20011C2123	5400 Gallon SAFE Atmospheric Storage Tank w/2-1/2" fittings & level indicator	\$71,297.34
F20011D33	5400 Gallon SAFE Atmospheric Storage Tank w/3" fittings & level indicator	\$71,187.11
F20397A1123	6550 Gallon SAFE Atmospheric Storage Tank w/1-1/2" fittings & level indicator	\$77,502.53
F20397B23	6550 Gallon SAFE Atmospheric Storage Tank w/2" fittings & level indicator	\$77,442.54
F20397C2123	6550 Gallon SAFE Atmospheric Storage Tank w/2-1/2" fittings & level indicator	\$79,004.92
F20397D33	6550 Gallon SAFE Atmospheric Storage Tank w/3" fittings & level indicator	\$78,894.59
F20013A1123	8700 Gallon SAFE Atmospheric Storage Tank w/1-1/2" fittings & level indicator	\$106,656.72
F20013B23	8700 Gallon SAFE Atmospheric Storage Tank w/2" fittings & level indicator	\$106,596.79
F20013C2123	8700 Gallon SAFE Atmospheric Storage Tank w/2-1/2" fittings & level indicator	\$108,157.59
F20013D33	8700 Gallon SAFE Atmospheric Storage Tank w/3" fittings & level indicator	\$108,047.36

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
Part Number	Description	List Price	
100GVERT2TC	100 Gallon Single Wall Atmospheric Storage Tank w/2" fittings & level indicator	\$ 8,772.61	
100GVERT212TC	100 Gallon Single Wall Atmospheric Storage Tank w/2-1/2" fittings & level indicator	\$ 11,818.84	
155GVERT2TC	155 Gallon Single Wall Atmospheric Storage Tank w/2" fittings & level indicator	\$ 8,817.80	
155GVERT212TC	155 Gallon Single Wall Atmospheric Storage Tank w/2-1/2" fittings & level indicator	\$ 11,864.04	
205GVERT2TC	205 Gallon Single Wall Atmospheric Storage Tank w/2" fittings & level indicator	\$ 10,083.30	
205GVERT212TC	205 Gallon Single Wall Atmospheric Storage Tank w/2-1/2" fittings & level indicator	\$ 13,129.54	
300GVERT2TC	300 Gallon Single Wall Atmospheric Storage Tank w/2" fittings & level indicator	\$ 10,241.49	
300GVERT212TC	300 Gallon Single Wall Atmospheric Storage Tank w/2-1/2" fittings & level indicator	\$ 13,287.73	
400GVERT2TC	400 Gallon Single Wall Atmospheric Storage Tank w/2" fittings & level indicator	\$ 12,184.93	
400GVERT212TC	400 Gallon Single Wall Atmospheric Storage Tank w/2-1/2" fittings & level indicator	\$ 15,231.17	
540GVERT2TC	540 Gallon Single Wall Atmospheric Storage Tank w/2" fittings & level indicator	\$ 11,705.85	
540GVERT212TC	540 Gallon Single Wall Atmospheric Storage Tank w/2-1/2" fittings & level indicator	\$ 14,752.08	
615GVERT2TC	615 Gallon Single Wall Atmospheric Storage Tank w/2" fittings & level indicator	\$ 15,389.36	
615GVERT212TC	615 Gallon Single Wall Atmospheric Storage Tank w/2-1/2" fittings & level indicator	\$ 18,435.58	
755GVERT2TC	755 Gallon Single Wall Atmospheric Storage Tank w/2" fittings & level indicator	\$ 15,841.32	
755GVERT212TC	755 Gallon Single Wall Atmospheric Storage Tank w/2-1/2" fittings & level indicator	\$ 18,887.55	
805GVERT2TC	805 Gallon Single Wall Atmospheric Storage Tank w/2" fittings & level indicator	\$ 15,163.37	
805GVERT212TC	805 Gallon Single Wall Atmospheric Storage Tank w/2-1/2" fittings & level indicator	\$ 18,209.60	
905GVERT2TC	905 Gallon Single Wall Atmospheric Storage Tank w/2" fittings & level indicator	\$ 15,366.75	
905GVERT212TC	905 Gallon Single Wall Atmospheric Storage Tank w/2-1/2" fittings & level indicator	\$ 18,412.98	
1000GVERT2TC	1000 Gallon Single Wall Atmospheric Storage Tank w/2" fittings & level indicator	\$ 16,591.57	
1000GVERT212TC	1000 Gallon Single Wall Atmospheric Storage Tank w/2-1/2" fittings & level indicator	\$ 19,258.16	
1150GVERT2TC	1150 Gallon Single Wall Atmospheric Storage Tank w/2" fittings & level indicator	\$ 15,778.04	
1150GVERT212TC	1150 Gallon Single Wall Atmospheric Storage Tank w/2-1/2" fittings & level indicator	\$ 18,444.63	

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
Part Number	Description	List Price	
100GVERT2SC	100 Gallon Single Wall Atmospheric Storage Tank w/2" fittings & level indicator	\$ 15,678.61	
100GVERT212SC	100 Gallon Single Wall Atmospheric Storage Tank w/2-1/2" fittings & level indicator	\$ 20,469.42	
155GVERT2SC	155 Gallon Single Wall Atmospheric Storage Tank w/2" fittings & level indicator	\$ 15,723.80	
155GVERT212SC	155 Gallon Single Wall Atmospheric Storage Tank w/2-1/2" fittings & level indicator	\$ 20,514.61	
205GVERT2SC	205 Gallon Single Wall Atmospheric Storage Tank w/2" fittings & level indicator	\$ 16,989.30	
205GVERT212SC	205 Gallon Single Wall Atmospheric Storage Tank w/2-1/2" fittings & level indicator	\$ 21,780.12	
300GVERT2SC	300 Gallon Single Wall Atmospheric Storage Tank w/2" fittings & level indicator	\$ 17,147.48	
300GVERT212SC	300 Gallon Single Wall Atmospheric Storage Tank w/2-1/2" fittings & level indicator	\$ 21,938.30	
400GVERT2SC	400 Gallon Single Wall Atmospheric Storage Tank w/2" fittings & level indicator	\$ 19,090.93	
400GVERT212SC	400 Gallon Single Wall Atmospheric Storage Tank w/2-1/2" fittings & level indicator	\$ 23,881.75	
540GVERT2SC	540 Gallon Single Wall Atmospheric Storage Tank w/2" fittings & level indicator	\$ 18,611.85	
540GVERT212SC	540 Gallon Single Wall Atmospheric Storage Tank w/2-1/2" fittings & level indicator	\$ 23,402.66	
615GVERT2SC	615 Gallon Single Wall Atmospheric Storage Tank w/2" fittings & level indicator	\$ 22,295.35	
615GVERT212SC	615 Gallon Single Wall Atmospheric Storage Tank w/2-1/2" fittings & level indicator	\$ 27,086.16	
755GVERT2SC	755 Gallon Single Wall Atmospheric Storage Tank w/2" fittings & level indicator	\$ 22,747.32	
755GVERT212SC	755 Gallon Single Wall Atmospheric Storage Tank w/2-1/2" fittings & level indicator	\$ 27,538.13	
805GVERT2SC	805 Gallon Single Wall Atmospheric Storage Tank w/2" fittings & level indicator	\$ 22,069.37	
805GVERT212SC	805 Gallon Single Wall Atmospheric Storage Tank w/2-1/2" fittings & level indicator	\$ 26,860.18	
905GVERT2SC	905 Gallon Single Wall Atmospheric Storage Tank w/2" fittings & level indicator	\$ 22,272.75	
905GVERT212SC	905 Gallon Single Wall Atmospheric Storage Tank w/2-1/2" fittings & level indicator	\$ 27,063.56	
1000GVERT2SC	1000 Gallon Single Wall Atmospheric Storage Tank w/2" fittings & level indicator	\$ 23,497.58	
1000GVERT212SC	1000 Gallon Single Wall Atmospheric Storage Tank w/2-1/2" fittings & level indicator	\$ 27,908.74	
1150GVERT2SC	1150 Gallon Single Wall Atmospheric Storage Tank w/2" fittings & level indicator	\$ 22,684.05	
1150GVERT212SC	1150 Gallon Single Wall Atmospheric Storage Tank w/2-1/2" fittings & level indicator	\$ 27,095.20	

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

These Atmospheric Storage Tanks are for use with the BFZ Inductor type foam systems or Foam Pump Systems

Atmospheric Storage Tank Options

Double Wall (SAFE) Atmospheric Storage Tank Options

IPG V311

Options		
F20015	105 Gallon SAFE Tank, Seismic Restraint	\$ 2,156.40
F20016	160 Gallon SAFE Tank, Seismic Restraint	\$ 2,172.96
F20017	405 Gallon SAFE Tank, Seismic Restraint	\$ 2,181.24
F20018	540 Gallon SAFE Tank, Seismic Restraint	\$ 2,764.83
F20019	1000 Gallon SAFE Tank, Seismic Restraint	\$ 3,456.04
F20020	1550 Gallon SAFE Tank, Seismic Restraint	\$ 3,576.07
F20021	2500 Gallon SAFE Tank, Seismic Restraint	\$ 4,287.98
F20022	3150 Gallon SAFE Tank, Seismic Restraint	\$ 4,279.69
F20023	4400 Gallon SAFE Tank, Seismic Restraint	\$ 4,296.25
F20024	5400 Gallon SAFE Tank, Seismic Restraint	\$ 5,740.75
F20398	6650 Gallon SAFE Tank, Seismic Restraint	\$ 6,448.52
F20026	8700 Gallon SAFE Tank, Seismic Restraint	\$ 8,286.22
F20027	6' Ladder for 1000 Gallon Tank	\$ 3,418.79
F20028	7' Ladder for 1550 Gallon & 3150 Gallon Tank	\$ 3,674.43
F20029	10' Ladder for 2500 Gallon, 4400 Gallon, & 5400 Gallon Tank	\$ 3,476.73
F20399	14' Ladder for 6650 Gallon Tank	\$ 5,160.56
F20031	15' Ladder for 8700 Gallon Tank	\$ 5,419.61
F20032	Export Skid Packaging w/Heat Treated Skid	\$ 486.94

Single Wall Atmospheric Storage Tank Options

IPG V312

Options		
105GVERTSEISMIC	105 Gallon Single Wall Tank, Seismic Restraint	\$ 2,870.29
155GVERTSEISMIC	155 Gallon Single Wall Tank, Seismic Restraint	\$ 2,359.89
205GVERTSEISMIC	205 Gallon Single Wall Tank, Seismic Restraint	\$ 2,195.25
300GVERTSEISMIC	300 Gallon Single Wall Tank, Seismic Restraint	\$ 2,359.89
400GVERTSEISMIC	400 Gallon Single Wall Tank, Seismic Restraint	\$ 2,365.38
540GVERTSEISMIC	540 Gallon Single Wall Tank, Seismic Restraint	\$ 2,497.10
615GVERTSEISMIC	615 Gallon Single Wall Tank, Seismic Restraint	\$ 2,381.85
755GVERTSEISMIC	755 Gallon Single Wall Tank, Seismic Restraint	\$ 3,320.32
805GVERTSEISMIC	805 Gallon Single Wall Tank, Seismic Restraint	\$ 4,099.64
905GVERTSEISMIC	905 Gallon Single Wall Tank, Seismic Restraint	\$ 3,336.78
1000GVERTSEISMIC	1000 Gallon Single Wall Tank, Seismic Restraint	\$ 3,320.32
1150GVERTSEISMIC	1150 Gallon Single Wall Tank, Seismic Restraint	\$ 3,358.74
905GVERTLAD	6' Ladder for 905 Gallon Tank	\$ 5,296.04
1150/3150GVERTLAD	8' Ladder for 1150 Gallon & 3150 Gallon Tank	\$ 6,124.75
F20399	14' Ladder for 6650 Gallon Tank	\$ 5,160.56
F20031	15' Ladder for 8700 Gallon Tank	\$ 5,419.61
F20032	Export Skid Packaging w/Heat Treated Skid	\$ 486.94

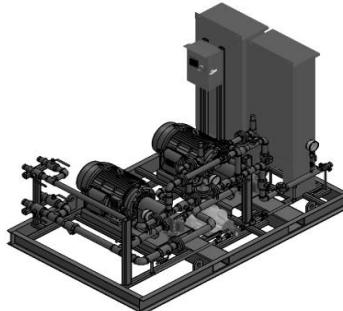
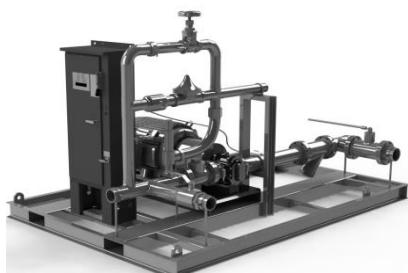
FOAMPAK2 - 60 Hz - SINGLE PUMP

MODEL	FOAM GPM	FOAM PSI	HP	PART NUMBER	LIST PRICE (IPG V310)
FP-15	45	100	7.5	F21950A	\$ 149,674.55
	40	150	10	F21951A	\$ 151,327.89
	35	200	15	F21952A	\$ 153,159.50
	30	261	20	F21953A	\$ 154,821.75
FP-30	55	100	10	F21954A	\$ 151,461.59
	50	150	15	F21955A	\$ 153,293.19
	45	200	15	F21956A	\$ 153,293.19
	40	261	20	F21957A	\$ 154,955.45
FP-50	70	100	15	F21958A	\$ 159,937.77
	65	150	20	F21959A	\$ 162,246.21
	60	200	20	F21960A	\$ 162,246.21
	55	261	25	F21961A	\$ 164,158.03
FP-75	110	100	20	F21962A	\$ 163,026.09
	105	150	25	F21963A	\$ 164,937.91
	100	200	40	F21964A	\$ 168,917.53
	90	261	40	F21965A	\$ 168,917.53
FP-100	150	100	25	F21966A	\$ 185,598.04
	140	150	30	F21967A	\$ 188,138.22
	130	200	40	F21968A	\$ 190,691.77
	120	261	40	F21969A	\$ 190,691.77
FP-150	180	100	25	F21970A	\$ 187,456.38
	170	150	30	F21971A	\$ 189,996.56
	160	200	40	F21972A	\$ 192,550.11
	150	261	50	F21973A	\$ 194,542.15
FP-175	235	100	40	F21974A	\$ 245,212.06
	220	150	50	F21975A	\$ 248,688.10
	200	200	60	F21976A	\$ 253,278.25
	185	261	75	F21977A	\$ 256,732.00
FP-200	250	100	40	F21978A	\$ 252,306.74
	240	150	60	F21979A	\$ 253,278.25
	220	200	75	F21980A	\$ 256,732.00
	200	261	75	F21981A	\$ 256,732.00
FP-225	300	100	40	F21982A	\$ 256,384.40
	280	150	60	F21983A	\$ 257,355.90
	260	200	75	F21984A	\$ 260,809.66
	240	261	75	F21985A	\$ 260,809.66
FP-250	315	100	50	F21986A	\$ 284,843.33
	290	150	60	F21987A	\$ 290,177.71
	270	200	75	F21988A	\$ 294,371.23
	250	261	100	F21989A	\$ 300,039.84
FP-350	420	100	60	F21990A	\$ 298,145.85
	400	150	75	F21991A	\$ 302,339.38
	390	200	100	F21992A	\$ 308,007.99
	380	250	125	F21993A	\$ 314,759.52

FOAMPAK2 - 60 Hz - DUAL PUMP

MODEL	FOAM GPM	FOAM PSI	HP	PART NUMBER	LIST PRICE (IPG V310)
FP-15	45	100	7.5	F21950AA	\$ 249,043.04
	40	150	10	F21951AA	\$ 249,043.04
	35	200	15	F21952AA	\$ 251,171.13
	30	261	20	F21953AA	\$ 253,020.82
FP-30	55	100	10	F21954AA	\$ 249,043.04
	50	150	15	F21955AA	\$ 251,171.13
	45	200	15	F21956AA	\$ 251,171.13
	40	261	20	F21957AA	\$ 253,020.82
FP-50	70	100	15	F21958AA	\$ 270,177.66
	65	150	20	F21959AA	\$ 272,008.47
	60	200	20	F21960AA	\$ 272,008.47
	55	261	25	F21961AA	\$ 274,263.96
FP-75	110	100	20	F21962AA	\$ 272,008.47
	105	150	25	F21963AA	\$ 274,263.96
	100	200	40	F21964AA	\$ 279,680.92
	90	261	40	F21965AA	\$ 279,680.92
FP-100	150	100	25	F21966AA	\$ 325,630.65
	140	150	30	F21967AA	\$ 327,706.83
	130	200	40	F21968AA	\$ 331,047.60
	120	261	40	F21969AA	\$ 331,047.60
FP-150	180	100	25	F21970AA	\$ 325,630.65
	170	150	30	F21971AA	\$ 327,706.83
	160	200	40	F21972AA	\$ 331,047.60
	150	261	50	F21973AA	\$ 333,137.95
FP-175	235	100	40	F21974AA	\$ 433,563.93
	220	150	50	F21975AA	\$ 435,706.18
	200	200	60	F21976AA	\$ 440,858.89
	185	261	75	F21977AA	\$ 445,398.18
FP-200	250	100	40	F21978AA	\$ 433,563.93
	240	150	60	F21979AA	\$ 440,858.89
	220	200	75	F21980AA	\$ 445,398.18
	200	261	75	F21981AA	\$ 445,398.18
FP-225	300	100	40	F21982AA	\$ 433,563.93
	280	150	60	F21983AA	\$ 440,858.89
	260	200	75	F21984AA	\$ 445,398.18
	240	261	75	F21985AA	\$ 445,398.18
FP-250	315	100	50	F21986AA	\$ 500,412.35
	290	150	60	F21987AA	\$ 505,616.97
	270	200	75	F21988AA	\$ 510,160.98
	250	261	100	F21989AA	\$ 524,222.41
FP-350	420	100	60	F21990AA	\$ 521,438.44
	400	150	75	F21991AA	\$ 525,982.45
	390	200	100	F21992AA	\$ 540,043.88
	380	250	125	F21993AA	\$ 543,667.77

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

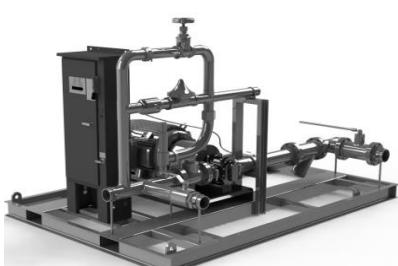
FOAMPAK2 - 50 Hz - SINGLE PUMP

MODEL	FOAM LPM	FOAM PSI	KW	PART NUMBER	LIST PRICE (IPG V310)
FP-15	130	100	5	F21950B	\$ 149,674.55
	110	150	7	F21951B	\$ 151,154.09
	90	200	8	F21952B	\$ 154,741.54
	75	261	10.5	F21953B	\$ 156,492.92
FP-30	135	100	5	F21954B	\$ 151,287.78
	110	150	7.5	F21955B	\$ 158,360.18
	95	200	10	F21956B	\$ 158,360.18
	90	261	12	F21957B	\$ 161,773.83
FP-50	208	100	7.5	F21958B	\$ 161,430.68
	189	150	10	F21959B	\$ 163,926.29
	170	200	15	F21960B	\$ 163,926.29
	150	261	20	F21961B	\$ 166,301.59
FP-75	340	100	15	F21962B	\$ 167,014.62
	310	150	15	F21963B	\$ 171,301.73
	280	200	20	F21964B	\$ 180,424.10
	225	261	25	F21965B	\$ 180,424.10
FP-100	435	100	15	F21966B	\$ 194,020.74
	395	150	20	F21967B	\$ 193,205.21
	355	200	23	F21968B	\$ 199,092.19
	320	261	28	F21969B	\$ 199,092.19
FP-150	510	100	15	F21970B	\$ 194,689.21
	470	150	20	F21971B	\$ 195,063.56
	435	200	27	F21972B	\$ 200,950.53
	395	261	34	F21973B	\$ 206,739.47
FP-175	680	100	22.5	F21974B	\$ 248,518.75
	625	150	30	F21975B	\$ 252,863.80
	565	200	37.5	F21976B	\$ 261,224.11
	510	261	45	F21977B	\$ 265,970.23
FP-200	750	100	22.5	F21978B	\$ 255,613.43
	715	150	33.5	F21979B	\$ 268,318.79
	640	200	41	F21980B	\$ 273,064.91
	565	261	45	F21981B	\$ 273,064.91
FP-225	900	100	22.5	F21982B	\$ 259,691.09
	830	150	33.5	F21983B	\$ 272,396.44
	755	200	40	F21984B	\$ 277,142.57
	680	261	50	F21985B	\$ 277,142.57
FP-250	925	100	30	F21986B	\$ 289,183.92
	850	150	37.5	F21987B	\$ 299,607.57
	755	200	45	F21988B	\$ 305,396.50
	680	261	56	F21989B	\$ 315,873.63
FP-350	1230	100	37.5	F21990B	\$ 307,575.71
	1130	150	45	F21991B	\$ 313,364.65
	1095	200	56	F21992B	\$ 323,841.78
	1055	250	75	F21993B	\$ 324,955.89

FOAMPAK2 - 50 Hz - DUAL PUMP

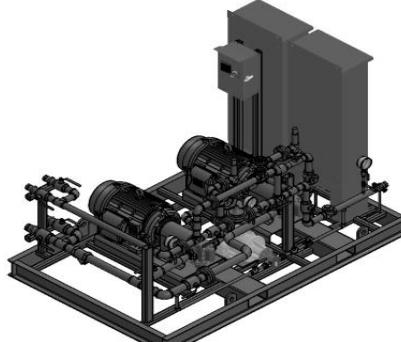
MODEL	FOAM LPM	FOAM PSI	KW	PART NUMBER	LIST PRICE (IPG V310)
FP-15	130	100	5	F21950BB	\$ 249,043.04
	110	150	7	F21951BB	\$ 249,043.04
	90	200	8	F21952BB	\$ 251,171.13
	75	261	10.5	F21953BB	\$ 253,020.82
FP-30	135	100	5	F21954BB	\$ 249,043.04
	110	150	7.5	F21955BB	\$ 251,171.13
	95	200	10	F21956BB	\$ 251,171.13
	90	261	12	F21957BB	\$ 253,020.82
FP-50	208	100	7.5	F21958BB	\$ 270,177.66
	189	150	10	F21959BB	\$ 272,008.47
	170	200	15	F21960BB	\$ 272,008.47
	150	261	20	F21961BB	\$ 274,263.96
FP-75	340	100	15	F21962BB	\$ 272,008.47
	310	150	15	F21963BB	\$ 274,263.96
	280	200	20	F21964BB	\$ 279,680.92
	225	261	25	F21965BB	\$ 279,680.92
FP-100	435	100	15	F21966BB	\$ 325,630.65
	395	150	20	F21967BB	\$ 327,706.83
	355	200	23	F21968BB	\$ 331,047.60
	320	261	28	F21969BB	\$ 331,047.60
FP-150	510	100	15	F21970BB	\$ 325,630.65
	470	150	20	F21971BB	\$ 327,706.83
	435	200	27	F21972BB	\$ 331,047.60
	395	261	34	F21973BB	\$ 333,137.95
FP-175	680	100	22.5	F21974BB	\$ 433,563.93
	625	150	30	F21975BB	\$ 435,706.18
	565	200	37.5	F21976BB	\$ 440,858.89
	510	261	45	F21977BB	\$ 445,398.18
FP-200	750	100	22.5	F21978BB	\$ 433,563.93
	715	150	33.5	F21979BB	\$ 440,858.89
	640	200	41	F21980BB	\$ 445,398.18
	565	261	45	F21981BB	\$ 445,398.18
FP-225	900	100	22.5	F21982BB	\$ 433,563.93
	830	150	33.5	F21983BB	\$ 440,858.89
	755	200	40	F21984BB	\$ 445,398.18
	680	261	50	F21985BB	\$ 445,398.18
FP-250	925	100	30	F21986BB	\$ 500,412.35
	850	150	37.5	F21987BB	\$ 505,616.97
	755	200	45	F21988BB	\$ 510,160.98
	680	261	56	F21989BB	\$ 524,222.41
FP-350	1230	100	37.5	F21990BB	\$ 521,438.44
	1130	150	45	F21991BB	\$ 525,982.45
	1095	200	56	F21992BB	\$ 540,043.88
	1055	250	75	F21993BB	\$ 543,667.77

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
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/DDP 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 20, 2020. Supersedes January 2019 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 Pipe



Size	Length	Part #	Bag Qty (ft)	IPG	List Price (ft)
3/4"	10 ft	34PIPE10	160	SR210	\$2.37
3/4"	15 ft	34PIPE	240	SR210	\$2.37
1"	10 ft	1PIPE10	100	SR210	\$3.66
1"	15 ft	1PIPE	180	SR210	\$3.66
1-1/4"	10 ft	114PIPE10	70	SR210	\$5.82
1-1/4"	15 ft	114PIPE	105	SR210	\$5.82
1-1/2"	10 ft	112PIPE10	50	SR210	\$8.02
1-1/2"	15 ft	112PIPE	75	SR210	\$8.02
2"	10 ft	2PIPE10	40	SR210	\$12.79
2"	15 ft	2PIPE	60	SR210	\$12.79
2-1/2"	10 ft	212PIPE10	20	SR210	\$23.66
2-1/2"	15 ft	212PIPE	30	SR210	\$23.66
3"	10 ft	3PIPE10	10	SR210	\$35.94
3"	15 ft	3PIPE	15	SR210	\$35.94

List price schedule for CPVC is separate from other Viking products.

Please contact customer service to confirm current list price level.

CPVC Fittings

<u>Tee</u>				
Size	Part #	Bag Qty	IPG	List Price
3/4"	V5011-007	250	SR216	\$11.15
1"	V5011-010	100	SR216	\$20.23
1-1/4"	V5011-012	25	SR215	\$30.62
1-1/2"	V5011-015	25	SR215	\$44.72
2"	V5011-020	2	SR215	\$67.55
2-1/2"	V5011-025	1	SR215	\$117.55
3"	V5011-030	1	SR215	\$138.60

<u>Cross</u>				
Size	Part #	Bag Qty	IPG	List Price
3/4"	V5035-007	10	SR215	\$17.28
1"	V5035-010	100	SR215	\$21.64
1-1/4"	V5035-012	5	SR215	\$30.18
1-1/2"	V5035-015	20	SR215	\$41.10
2"	V5035-020	1	SR215	\$67.12
2-1/2"	V5035-025	1	SR215	\$147.34
1 X 1 X 3/4 X 3/4"	V5035R-131	10	SR215	\$23.43

<u>Reducing Tee</u>				
Size	Part #	Bag Qty	IPG	List Price
3/4 X 3/4 X 1"	V5011R-102	10	SR215	\$18.87
1 X 3/4 X 3/4"	V5011R-125	100	SR215	\$18.87
1 X 3/4 X 1"	V5011R-126	10	SR215	\$18.87
1 X 1 X 3/4"	V5011R-131	100	SR215	\$17.26
1 1/4 X 1 X 3/4"	V5011R-157	5	SR215	\$34.75
1 1/4 X 1 X 1"	V5011R-158	25	SR215	\$34.75
1 1/4 X 1 X 1 1/4"	V5011R-159	5	SR215	\$34.75
1 1/4 X 1 1/4 X 3/4"	V5011R-167	25	SR215	\$34.15
1 1/4 X 1 1/4 X 1"	V5011R-168	25	SR216	\$34.67
1 1/4 X 1 1/4 X 1 1/2"	V5011R-169	5	SR215	\$34.75
1 1/2 X 1 1/4 X 3/4"	V5011R-201	5	SR215	\$41.90
1 1/2 X 1 1/4 X 1"	V5011R-202	5	SR215	\$41.90
1 1/2 X 1 1/2 X 3/4"	V5011R-210	25	SR215	\$41.10
1 1/2 X 1 1/2 X 1"	V5011R-211	25	SR215	\$38.41
1 1/2 X 1 1/2 X 1 1/4"	V5011R-212	5	SR215	\$41.90
1 1/2 X 1 1/2 X 2"	V5011R-213	5	SR215	\$66.52
2 X 2 X 3/4"	V5011R-248	2	SR215	\$66.52
2 X 2 X 1"	V5011R-249	10	SR216	\$82.13
2 X 2 X 1 1/4"	V5011R-250	2	SR215	\$66.52
2 X 2 X 1 1/2"	V5011R-251	2	SR215	\$66.52
2 1/2 X 2 1/2 X 1"	V5011R-289	1	SR215	\$91.34
2 1/2 X 2 1/2 X 1 1/4"	V5011R-290	1	SR215	\$91.34
2 1/2 X 2 1/2 X 1 1/2"	V5011R-291	1	SR215	\$91.34
2 1/2 X 2 1/2 X 2"	V5011R-292	1	SR215	\$91.34
3 X 3 X 1-1/2"	V5011R-337	1	SR215	\$105.44
3 X 2"	V5011R-338	1	SR215	\$105.44
3 X 2 1/2"	V5011R-339	1	SR215	\$105.44

BlazeMaster® is a registered trademark of The Lubrizol Corporation.

CPVC Fittings (*continued*)

<u>Elbow - 90°</u>				
Size	Part #	Bag Qty	IPG	List Price
3/4"	V5007-007	250	SR216	\$7.43
1"	V5007-010	100	SR216	\$16.31
1-1/4"	V5007-012	25	SR215	\$24.95
1-1/2"	V5007-015	25	SR215	\$29.51
2"	V5007-020	10	SR215	\$38.92
2-1/2"	V5007-025	1	SR215	\$76.65
3"	V5007-030	1	SR215	\$104.64
1 x 3/4"	V5007R-131	100	SR215	\$15.89

<u>Elbow - 45°</u>				
Size	Part #	Bag Qty	IPG	List Price
3/4"	V5006-007	250	SR216	\$14.78
1"	V5006-010	100	SR216	\$13.42
1-1/4"	V5006-012	5	SR215	\$19.06
1-1/2"	V5006-015	5	SR215	\$26.21
2"	V5006-020	2	SR215	\$33.16
2-1/2"	V5006-025	1	SR215	\$58.97
3"	V5006-030	1	SR215	\$85.19

<u>Coupling</u>				
Size	Part #	Bag Qty	IPG	List Price
3/4"	V5001-007	250	SR216	\$8.61
1"	V5001-010	100	SR216	\$8.65
1-1/4"	V5001-012	25	SR215	\$15.09
1-1/2"	V5001-015	25	SR215	\$21.64
2"	V5001-020	10	SR215	\$29.19
2-1/2"	V5001-025	1	SR215	\$44.48
3"	V5001-030	1	SR215	\$57.78

<u>Reducing Coupling</u>				
Size	Part #	Bag Qty	IPG	List Price
1 x 3/4"	V5001R-131	10	SR215	\$10.13
1 1/4 x 1"	V5001R-168	5	SR215	\$15.09
1 1/2 x 3/4"	V5001R-210	5	SR215	\$23.43
1 1/2 x 1"	V5001R-211	5	SR215	\$22.84
1 1/2 x 1 1/4"	V5001R-212	5	SR215	\$21.64
2 x 1"	V5001R-249	2	SR215	\$30.38
2 x 1 1/2"	V5001R-251	2	SR215	\$29.19

<u>Bushing</u>				
Size	Part #	Bag Qty	IPG	List Price
1 x 3/4"	V5018-131	100	SR215	\$6.16
1 1/4 x 3/4"	V5018-167	25	SR215	\$9.73
1 1/4 x 1"	V5018-168	25	SR215	\$9.73
1 1/2 x 3/4"	V5018-210	5	SR215	\$10.21
1 1/2 x 1"	V5018-211	25	SR215	\$10.21
1 1/2 x 1 1/4"	V5018-212	25	SR215	\$10.21
2 x 3/4"	V5018-248	2	SR215	\$15.89
2 x 1"	V5018-249	2	SR215	\$15.89
2 x 1 1/4"	V5018-250	2	SR215	\$15.89
2 x 1 1/2"	V5018-251	2	SR215	\$15.89
2 1/2 x 1"	V5018-289	15	SR215	\$27.60
2 1/2 x 1 1/4"	V5018-290	1	SR215	\$27.60
2 1/2 x 1 1/2"	V5018-291	1	SR215	\$27.60
2 1/2" x 2"	V5018-292	1	SR215	\$27.60
3 x 1 1/2"	V5018-337	15	SR215	\$41.10
3 x 2"	V5018-338	1	SR215	\$41.10
3" x 2 1/2"	V5018-339	1	SR215	\$41.10

<u>Cap</u>				
Size	Part #	Bag Qty	IPG	List Price
3/4"	V5017-007	250	SR215	\$4.45
1"	V5017-010	100	SR216	\$7.22
1-1/4"	V5017-012	5	SR215	\$10.92
1-1/2"	V5017-015	5	SR215	\$15.09
2"	V5017-020	2	SR215	\$22.84
2-1/2"	V5017-025	1	SR215	\$32.57
3"	V5017-030	1	SR215	\$53.22

<u>Test Plug</u>				
Size	Part #	Bag Qty	IPG	List Price
1/2"	05005005	50	SR215	\$7.16

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CPVC Fittings¹ (continued)

<u>Spigot Female Adapter w/ Metal Thread Insert</u>				
Size	Part #	Bag Qty	IPG	List Price
3/4"	V50032BI-007	10	SR215	\$40.28
1"	V50032BI-010	10	SR215	\$71.68

<u>Spigot Female Sprinkler Head Adapter w/ Metal Thread Insert</u>				
Size	Part #	Bag Qty	IPG	List Price
3/4 x 1/2"	V50032SBI-101	100	SR217	\$21.03
1 x 1/2"	V50032SBI-130	50	SR217	\$22.46

<u>Sprinkler Head 90 w/ Metal Thread Insert</u>				
Size	Part #	Bag Qty	IPG	List Price
3/4 x 1/2"	V50073SBI-101	100	SR217	\$19.40
1 x 1/2"	V50073SBI-130	50	SR217	\$26.54
1 x 3/4"	V50073SBI-131	10	SR215	\$35.16
1-1/4 x 1/2"	V50073SBI-166	5	SR215	\$40.55

<u>Sprinkler Head Back-to-Back Tee w/ Metal Thread Insert</u>				
Size	Part #	Bag Qty	IPG	List
1/2x1/2x1" (1-1/8")	V501133SBIS-075	48	SR215	\$149.19
1/2x1/2x1" (1-15/16")	V501133SBIL-075	48	SR215	\$149.19

<u>Female Adapter w/ Metal Thread Insert</u>				
Size	Part #	Bag Qty	IPG	List Price
3/4"	V5003BI-007	10	SR215	\$38.46
1"	V5003BI-010	50	SR217	\$57.68
1-1/4"	V5003BI-012	5	SR215	\$109.92
1-1/2"	V5003BI-015	5	SR215	\$143.83
2"	V5003BI-020	2	SR215	\$184.10

<u>Male Adapter w/ Metal Thread Insert</u>				
Size	Part #	Bag Qty	IPG	List Price
3/4"	V5004BI-007	10	SR215	\$39.14
1"	V5004BI-010	10	SR215	\$62.58
1-1/4"	V5004BI-012	5	SR215	\$75.78
1-1/2"	V5004BI-015	5	SR215	\$90.35
2"	V5004BI-020	2	SR215	\$102.64

<u>BRASIC® Female Sprinkler Head Adapter w/ Brass Starter Thread</u>				
Size	Part #	Bag Qty	IPG	List Price

BRASIC Head Adapter - Straight				
3/4 x 1/2"	V5003SBT-101	100	SR217	\$19.32
1 x 1/2"	V5003SBT-130	50	SR217	\$18.27
1 x 3/4"	V5003SBT-131	50	SR215	\$33.03

BRASIC Head Adapter - Elbow (90)				
3/4 x 1/2"	V50073SBT-101	100	SR217	\$18.03
1 x 1/2"	V50073SBT-130	50	SR217	\$24.68
1 x 3/4"	V50073SBT-131	50	SR217	\$32.61

BRASIC Head Adapter - Tee				
3/4 x 3/4 x 1/2"	V5012SBT-101	50	SR215	\$29.35
1 x 1 x 1/2"	V5012SBT-130	50	SR215	\$30.91
1 x 1 x 1"	V5012SBT-010	50	SR215	\$75.43

<u>Female Sprinkler Head Adapter w/ Metal Thread Insert</u>				
Size	Part #	Bag Qty	IPG	List Price
3/4 x 1/2"	V5003SBI-101	100	SR217	\$20.62
1 x 1/2"	V5003SBI-130	50	SR217	\$19.81
1 x 3/4"	V5003SBI-131	10	SR217	\$35.53

<u>Sprinkler Head Tee w/ Metal Thread Insert</u>				
Size	Part #	Bag Qty	IPG	List Price
1"	V5012SBI-010	50	SR215	\$81.14
3/4 x 3/4 x 1/2"	V5012SBI-101	10	SR215	\$31.48
1 x 1 x 1/2"	V5012SBI-130	50	SR215	\$33.32
1 1/4 x 1 1/4 x 1/2"	V5012SBI-166	5	SR215	\$56.43
1 1/2 x 1 1/2 x 1/2"	V5012SBI-209	5	SR215	\$74.44
2 x 2 x 1/2"	V5012SBI-247	2	SR215	\$104.92
1 x 3/4 x 1/2"	V5012RSBI-124	10	SR215	\$36.15
1 1/4 x 1 x 1/2"	V5012RSBI-156	5	SR215	\$56.43
1 1/2 x 1 1/4 x 1/2"	V5012RSBI-199	5	SR215	\$74.44
2 x 1 1/2 x 1/2"	V5012RSBI-237	2	SR215	\$104.92

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CPVC Fittings (*continued*)

<u>Standard Union</u>				
Size	Part #	Bag Qty	IPG	List Price
3/4"	V5033E-007	10	SR215	\$22.04
1"	V5033E-010	10	SR215	\$39.91

<u>Grooved Coupling Adapter</u>				
Size	Part #	Bag Qty	IPG	List Price
1-1/4"	V5001G-012	30	SR215	\$35.06
1-1/2"	V5001G-015	25	SR215	\$37.61
2"	V5001G-020	15	SR215	\$42.92
2-1/2"	V5001G-025	20	SR215	\$60.55
3"	V5001G-030	10	SR215	\$70.33

<u>InstaSeal® Female Sprinkler Head Adapter w/ Brass Thread Insert</u>				
Size	Part #	Bag Qty	IPG	List Price
<i>Slip x Thread Adapter Model</i>				
3/4" x 1/2"	V5003SBG-101	100	SR217	\$18.59
1 x 1/2"	V5003SBG-130	50	SR217	\$19.61
<i>Spigot x Thread Adapter Model</i>				
3/4" x 1/2"	V50032SBG-101	100	SR217	\$19.87
1 x 1/2"	V50032SBG-130	50	SR217	\$20.51

CPVC Accessories



Size	Part #	Box Qty	IPG	List Price (ea)
One Stop Solvent Cement				
Pint	V5097P	12	SR220	\$32.91
Quart	V5097Q	12	SR220	\$64.59
Dauber				
3/4"	V5093-S	100	SR220	\$2.31
1-1/4"	V5093-L	100	SR220	\$2.15
Brush				
n/a	V5096	12	SR220	\$24.51

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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

Select Viking Replacement Parts

(Use in Conjunction with Viking Replacement Parts Book)

Item #	Description	List Price	Item #	Description	List Price
07143	LENS, GREEN	\$104.00	08522	KIT RUBBER,3",REPL	\$154.86
07240	HOUSING ASSY, MAINT DEVICE	\$172.32	08523	KIT,RUBBER,4",REPL	\$179.14
07463	PAD, FL HD, 50 PACK	\$2.74	08524	KIT,RUBBER,6",REPL	\$182.54
07576	BUSHING, CLAPPER, VALVE	\$3.71	08525	KIT,RUBBER,8",REPL	\$215.21
07641	LATCH,DRY VALVE,REPLACEMENT	\$51.99	08554	CLAPPER ASSY,3"CHECK,REPL	\$415.59
07649	RETAINER,DIAPHRAGM,3"&4",DRY	\$214.44	08555	CLAPPER ASSY,4"CHECK,REPL	\$325.63
07650	DIAPHRAGM,DRY VLV,3" & 4" F1	\$197.40	08562	CVR ASSY,3"CHECK,REPL	\$194.54
07651	RUBBER,DRY VLV,3"&4",MOD F-1	\$186.02	08563	CVR ASSY,4"CHECK,REPL	\$198.58
07654	ROD,HOOK & CLAPPER,DRY,MOD F	\$56.50	08565	CVR ASSY,8"CK,REPL	\$339.54
07655	ROD,CLAPPER ARM,DRY VLV	\$69.81	08682	REPAIR KIT,PRESSURE REGULATO	\$1,328.41
07659	RETAINER RUBBER,DRY VALVE	\$36.43	08735	KIT,SCREW,3" & 4" CLAPPER VLV	\$10.28
07744	DIAPHRAGM,CLAPPER,ACCELERAT	\$91.85	08736	KIT,SCREW,6" VALVE CLAPPER	\$19.38
07748	HOUSING,INSERT,ACCELERATOR	\$58.08	08785	LABEL,SPEED CNTRL ASSY	\$3.29
07863	MOTOR ASSY,WATER MOTOR,F-2	\$717.38	08786	LABEL,SPEED CNTRL ASSY	\$3.29
07870	COVER, WATER MOTOR ALARM, G-	\$28.84	08791	NEEDLE VALVE PKG,REPL	\$435.11
07932	SCW,HHC 3/8-16 X 1/2 LG,SST	\$3.03	08821	CVR-CLPR ASY,3"EZR,REPL	\$320.80
08056	SCREW ASSY,SOC SET,DRY,MOD F	\$23.18	08822	CVR-CLPR ASY. 4", REPL	\$414.25
08060	LABEL,COVER,ACCELERATOR	\$6.91	08882	SCW,VLV,MONEL,HH,3/8-16UNCX1/	\$12.71
08062	SEAT, ANTI-FLOOD	\$85.01	08908	CVR ASSY,3",PN-10,ALARM,REPL	\$162.47
08070	RUBBER,CLAPPER 3	\$98.68	08909	CVR ASSY,4",PN-10,ALARM,REPL	\$151.08
08071	RETAINER,RUBBER 3	\$34.96	08911	CVR ASSY,8",PN-10,ALARM,REPL	\$323.24
08072	RUBBER,VALVE,4	\$113.87	09198	SERVICE KIT,SPRING,10-50 PSI	\$100.19
08073	RUBBER,VALVE,6	\$132.87	09199	SERVICE KIT,SPRING,30-125 PSI	\$100.19
08074	RETAINER,RUBBER,6	\$53.96	09200	SERVICE KIT,SPRING,50-150 PSI	\$127.89
08075	RUBBER,CLAPPER 8	\$148.03	09320	SPRING,1.5"FLOW CONTROL	\$14.64
08076	RETAINER,RUBBER 8	\$137.47	09382	CVR ASSY,THERMO REL,C-2,REPL	\$53.12
08081	SCREW, COVER, 3"	\$11.84	09383	CVR ASSY,THERMO REL,C-1,REPL	\$54.25
08083	SCREW, COVER, 4"	\$4.69	09397	CVR-CLPR ASSY,4"ALARM,J2	\$442.63
08085	SCREW, COVER, 6"	\$12.21	09398	CLAPPER ASSY,4"ALARM,J2,REPL	\$226.97
08091	SCW,3/8-16 X 1-1/8 LG SST	\$3.16	09399	RUBBER,CLAPPER,4" VALVE	\$75.15
08096	KIT, SCHRADER CORE, REPL	\$144.73	09418	CVR-CLPR ASSY,6",J2	\$536.07
08108	SCW,HHC 5/16-18 X 2 1/4LG,SST	\$4.16	09419	RETAINER, RUBBER, 6" VALVE,J-2	\$68.17
08127	KIT, SPRING, SCHRADER VALVE	\$6.07	09420	RUBBER, CLAPPER, 6" VALVE,J-2	\$93.93
08129	DIAPHRAGM ASSY, UPPER, REPL	\$182.16	09421	CLAPPER ASSY,6"ALARM,J2,REPL	\$332.50
08142	SCREW, VENT	\$73.19	09547	CVR-CLPR ASY,3",J2	\$466.99
08143	WASHER, SEALING	\$1.76	09548	RUBBER,CLAPPER,3" VALVE	\$75.15
08144	NUT	\$1.56	09556	CVR-CLPR ASY,8" ALARM,J2	\$994.94
08158	WASHER, SEALING	\$1.29	09558	RUBBER, CLAPPER, 8" VALVE	\$146.13
08159	NUT	\$0.97	09865	DIAPHRAGM, LOWER, 1.5" VALVE	\$151.84
08211	CLPR ASY 3"FL CNTRL CTD REPL	\$1,529.52	09912	KIT,RUBBER,3"ALARM,J2,REPL	\$107.22
08212	CLPR ASSY 4"CNTRL CTD REPL	\$1,840.76	09913	KIT,RUBBER,4"ALARM,J2,REPL	\$117.09
08213	CLPR ASSY 6" CNTRL CTD REPL	\$2,561.87	09914	KIT,RUBBER,6"ALARM,J2,REPL	\$165.12
08214	SCW,VLV,MONEL#10-24UNCX1/2LG	\$12.32	09915	KIT,RUBBER,8"ALARM,J2,REPL	\$353.41
08215	SCW,VLV,MONEL#10-24UNCX3/8LG	\$14.10	09916	CLAPPER ASSY,3"ALARM,J2,REPL	\$222.41
08217	SCW,VLV,MONEL,5/16-18UNCX1/2L	\$9.66	09917	CLAPPER ASSY,8"ALARM,J2,REPL	\$580.68
08218	SCW,VLV,MONEL 3/8-16UNCX5/8LG	\$15.33	09951	KIT,DIAPHRAGM REPAIR,1.5"VLV	\$609.53
08313	VALVE,NEEDLE,1/2",MACHINED	\$428.91	11464	TRIM,4" PILOT OP PRESS VLV BR	\$6,224.15
08324	CLAPPER ASSY,3"&4"DRY,REPL	\$269.31	11466	TRIM,6" PILOT OP PRESS VLV BR	\$6,273.63
08411	WASHER, SST, 1.5" VLV	\$1.35	01228A	GASKET, COVER, 6" ALARM	\$76.33
08412	WASHER, SST, 2" VLV	\$1.11	01232A	RUBBER, CLAPPER, 6" ALARM	\$121.44
08413	WASHER, SST, 3" & 4" VLV	\$1.55	01236A	CLAPPER, AUX VLV, ALARM	\$70.20
08414	WASHER, SST, 6" VLV	\$1.20	01237A	SLEEVE, AUX VLV, ALARM	\$49.75
08449	PIN, LATCH, DRY VLV	\$13.31	01238A	BALL, NYLON	\$12.15
08477	DIAPHRAGM,6"DRY,MOD F-1	\$235.34	01239A	SPRING, AUX VLV, ALARM	\$17.43
08478	RETAINER,DIAPHRAGM,6"DRY,F-1	\$221.63	01240A	CAP, AUX VLV, ALARM	\$65.62
08487	RUBBER,CLAPPER,6"DRY,MOD F-1	\$220.11	01260A	CAP, OPERATION INDICATOR	\$13.80
08490	CLAPPER ASSY,6"DRY,F1,REPL	\$286.31	01274A	SCW,SOC SET 3/8-16 X 3/8 LG,BR	\$17.43
08518	CLAPPER ASSY,3",REPLACE	\$222.41	01307A	RETAINER, ORIFICE PLATE	\$2.13
08519	CLAPPER ASSY,4",REPL	\$226.97	01308A	SCREEN, REST., DELUGE PANEL	\$34.39
08520	CLAPPER ASSY,6" REPL	\$276.69	01440A	SCW,SOC SET 3/8-24X5/8 SST NYL	\$22.72
08521	CLAPPER ASSY,8" REPL	\$580.68	01451A	SPRING, RETURN	\$23.60
01458A	PLATE, CLAMP, DIAPHRAGM	\$2.45	01457A	SCREEN, DIAPHRAGM	\$8.29
01468A	SEAT, CLAPPER	\$17.06	02382B	RUBBER, SEAT, 4	\$474.46

Select Viking Replacement Parts

(Use in Conjunction with Viking Replacement Parts Book)

Item #	Description	List Price	Item #	Description	List Price
01517A	SCW,HHC 3/8-16 X 3/4 LG,ZN	\$11.41	02383A	SCW,HHC 5/16-18 X 1/2 LG,SST	\$15.19
01557A	VALVE, BALL, EMERGENCY RELEASE	\$173.11	02454A	SCW,HHC 3/8-16 X 5/8 LG,SST	\$10.01
01603A	DIAPHRAGM (TO SHOP FLOOR)	\$6.00	02491B	CLPR ASSY,3" FL CNTRL	\$1,639.59
01604A	RING, SEAL, DIAPHRAGM	\$1.18	02492C	RUBBER, DIAPHRAGM, 3"	\$264.30
01616A	SPRING, DRIP CHECK	\$5.43	02493B	RING, CLAMP, 3" CV	\$292.23
01715A	WRENCH, VALVE CORE, THERMO F	\$125.26	02493BN	RING, CLAMP, 3", TEFLON COATED	\$348.40
01718A	CORE,MILTON VALVE,C-RELEASE	\$28.84	02494A	SCW,RHP #10-24 X 1/2 LG,C-SST	\$11.41
01728A	PLATE, NAME, HEAD CABINET	\$8.51	02495C	CLAPPER, 3" REPL	\$982.79
01729A	LABEL, CAUTION, HEAD CABINET	\$5.29	02496A	SCW,RHP #10-24 X 3/8 LG,SST	\$11.41
01734A	O-RING, CLAMP PLATE, 4" DRY	\$24.28	02497B	RUBBER, SEAT, 3"	\$474.46
01735A	O-RING, CLAMP PLATE, 6"DRY	\$30.74	02509A	SPRING, BALL CK, MAINT DEVICE	\$12.93
01736A	O-RING, CLAMP PLATE, 8" DRY	\$41.70	02524A	GASKET, COVER, 2.5 ALARM	\$23.94
01755A	NUT, HEX	\$5.34	02547C	IMPELLER, WATER MOTOR, WHITE	\$66.77
01761A	SCW,HHC 1/4-20 X 1/2 LG,SST	\$7.54	02548A	SCW,RHM #10-24 X 3/8 LG, ZN	\$4.57
01791A	SPRING, ADJUSTMENT	\$14.80	02550B	GASKET, COVER, WATER MOTOR	\$11.41
01792A	DIAPHRAGM ASSY	\$77.81	02556B	SHAFT, STRIKER ARM, WATER MTF	\$13.66
01801A	PLATE, RETAINER, MAINT DEVICE	\$1.98	02558B	ARM ASSY, STRIKER, WATER MOT	\$75.92
01802A	O-RING SEAT, MAINT DEVICE	\$0.89	02629A	SCREW, SPK, BRASS	\$0.40
01803A	BALL, MAINT DEVICE	\$12.93	02683A	SCW,THS 5/16-18 X 1/2 LG,SST	\$11.41
01841A	NUT, HEX, 1/4-20 UNC	\$3.75	02754A	RUBBER, CLAPPER, 2.5 ALARM	\$121.44
01905A	SPRING, 2" FLOW CONTROL	\$286.94	02757B	GASKET, COVER, 2.5 ALARM	\$62.25
01920A	SPRING, 6" FLOW CONTROL	\$671.82	02766A	WASHER, SUPPORT, WATER MOT	\$5.69
01922A	SCW,HHC 5/8-11 X 1-1/4 LG,ZN	\$9.90	02844A	RING, CLAMP, DEHYDRATOR	\$262.65
01923A	SCW,HHC 3/4-10 X 1-1/2 LG,STL	\$10.36	02845A	TUBE ASSY, REPL DEHYDRATOR	\$409.86
01925S	PLUG, PIPE, 1/2 IN. STEEL	\$6.48	02846A	NUT, TUBE, REPL DEHYDRATOR	\$32.24
01974C	RUBBER, DIAPHRAGM, 6"	\$330.20	02921A	KNOB, DRIP CHECK	\$8.40
01976B	RING, CLAMP, 6", REPLACEMENT	\$389.12	03007A	KIT, FILTER, MAINT DEVICE	\$47.43
01977A	SCW,FHS 3/8-16 X 3/4 LG,SST	\$15.42	03226C	HEAD ASSY, GLASS STRUT	\$71.24
01994B	RUBBER, AIR PLATE, 6" DRY	\$330.20	03270A	RUBBER, CLAPPER, 4" ALARM	\$299.87
02006B	GASKET, COVER, 6" DRY	\$94.14	03271A	RUBBER, CLAPPER, 6" ALARM	\$299.87
02012B	DIAPH ASSY, DIAPHRAGM BYPASS	\$152.20	03272A	RUBBER, CLAPPER, 8" ALARM	\$299.87
02039B	GAUGE, AUX VLV	\$125.26	03273A	RUBBER, CLAPPER, 2.5" ALARM	\$299.87
02079A	SCW,HHC 5/8-11 X 2 LG,STL	\$9.90	03281A	RUBBER, CLAPPER, 6" DRY	\$265.67
02083A	O-RING, 4" CHECK	\$91.09	03295A	RUBBER, CLAPPER, 4"	\$197.40
02101A	SCW,HHC 3/4-10 X 2-1/4 LG,STL	\$13.66	03330A	SCW,HWH 5/16-18 X 1/2 LG,ZN	\$8.40
02105A	O-RING, 6" CHECK	\$91.09	03429A	GUARD, BOWL, DEHYDRATOR	\$290.34
02129A	O-RING, 8" CHECK	\$91.09	03756B	RUBBER, AIR PLATE, 3"4" DRY	\$265.67
02146A	O-RING, 10" DETECTOR CHECK	\$129.02	03774A	BALL, DRIP CHECK	\$26.25
02169A	SCW,HHC 1/2-13 X 1-1/4 LG,STL	\$13.43	03914A	SCREW, VENT	\$26.94
02176B	RUBBER, SEAT, 6"	\$679.39	03915A	WASHER, VENT SCREW	\$9.90
02181A	SEAL, FILTER, MAINT DEVICE	\$3.67	04016A	CONNECTOR, MALE, TUBE	\$34.20
02194A	RUBBER, CLAPPER, 4" ALARM	\$121.44	04137A	SPRING, PORV	\$23.60
02198A	GASKET, COVER, 4" ALARM	\$69.81	04187B	GASKET, COVER, DRY VALVE 4-6"	\$114.61
02200A	SCW,HHC 1/2-13 X 1-1/2 LG,STL	\$5.83	04188B	RUBBER, CLAPPER, 3" 4" DRY	\$265.67
02229A	SCREEN ASSY, DEHYDRATOR	\$311.99	04211A	PLATE, CLAMP, 1.5" VALVE	\$35.27
02233A	BOWL, DEHYDRATOR	\$797.05	04212B	DIAPHRAGM, UPPER, 1.5" VALVE	\$151.84
02238A	GASKET, COVER, VALVE	\$57.72	04221B	CLPR ASSY,2" FL CNTRL	\$671.82
02245A	GASKET, COVER, 6" CHECK	\$51.62	04222B	CLAPPER, 2" REPL	\$292.23
02252A	GASKET, COVER, 8" CHECK	\$75.92	04223B	RUBBER, DIAPHRAGM, 2"	\$220.11
02257A	FILTER, MAINT DEVICE	\$6.27	04224B	RING, CLAMP, 2"	\$113.14
02271B	CAP, FILTER, MAINT DEVICE	\$94.14	04224BN	RING, CLAMP, 2", TEFLON COATED	\$186.70
02273A	SCREW, ADJUSTMENT	\$66.06	04225B	RUBBER, SEAT, 2"	\$349.18
02275A	NUT, LOCK	\$20.13	04388A	GASKET, COVER, 4" ALARM	\$57.72
02276A	RETAINER, SPRING, MAINT DEVICE	\$19.00	04505A	SCW,RHP #10-24 X 5/8 LG,C-SST	\$4.57
02298A	RUBBER, CLAPPER, 8" ALARM	\$159.43	04547B	PISTON, 1.5" VALVE	\$82.36
02302C	GASKET, COVER, 8" ALARM	\$132.04	04622C	RUBBER, CLAPPER, 6" DRY	\$500.99
02376B	CLAPPER ASSY, 4"	\$1,984.99	04625B	DETECTOR, FC, 140F	\$1,461.19
02377B	RUBBER, DIAPHRAGM, 4"	\$299.87	04626B	DETECTOR, FC, 160F	\$1,461.19
02378B	RING, CLAMP, 4"	\$350.68	04629A	BOX, DETECTOR, FC	\$466.80
02378BN	RING, CLAMP, 4", TEFLON COATED	\$328.90	04631A	CONNECTOR, WIRE, DETECTOR, FC	\$3.82
02379C	CLAPPER, 4" REPL	\$1,252.50	04649B	GASKET, COVER, 4"	\$35.27
04735A	DIAPHRAGM, UPPER, DEVICE	\$122.96	04692A	PLATE, END, 1.5" VALVE	\$29.56
04736A	PISTON, DEVICE	\$61.54	06227A	PAD, SPRING, DEVICE	\$14.17

Select Viking Replacement Parts

(Use in Conjunction with Viking Replacement Parts Book)

Item #	Description	List Price	Item #	Description	List Price
04739A	PAD, SPRING, DEVICE	\$1.39	06286A	KIT, RUBBER, 4" VALVE	\$136.60
04741A	SPRING, DEVICE	\$8.40	06343A	KIT, RUBBER, 2.5" VALVE	\$148.79
04838A	SCW,HHC 5/16-18 X 2 LG,STL	\$1.83	06418A	VALVE ASSY, SCHRADER	\$33.39
04861A	DIAPHRAGM, LOWER, DEVICE	\$86.50	06425B	HOUSING, MAINT DEVICE	\$68.93
04874A	SCW,HHC #10-24 X 1/2 LG,SST	\$15.19	06440A	HANDLE GRIP, ALARM TEST	\$30.32
04900A	PIN, HINGE, 4" VALVE	\$41.36	06464B	SEAT, DEVICE	\$163.68
04927B	DIAPHRAGM, LOWER, 1.5" VALVE	\$204.95	06464BJ	SEAT,PNEM,ACTUATOR,NICKEL	\$196.63
04928A	CLAPPER,1.5"DEL FL CNTRL	\$129.81	06508C	GONG, WATER MOTOR	\$580.68
04991A	PIN, HINGE, 6" VALVE	\$41.36	06576A	SEAT, S-O-C DEVICE	\$56.50
04992B	GASKET, COVER, 6" VALVE	\$33.39	06586A	KIT,SPRING & BALL,S-O-C DEVICE	\$76.33
04993A	SCW,HHC 1/2-13 X 7/8 LG,ZN	\$4.89	06595A	SCREW ASSY, CLAPPER	\$9.90
05053A	WATER MOTOR SCREW PACKAGE	\$19.67	06596A	SCREW ASSY, CLAPPER, 6" VALVE	\$9.90
05105S	PLUG, PIPE, 1/8 IN. BLK STL	\$4.05	06597A	SCREW ASSY, CLAPPER, 8" VALVE	\$9.90
05108A	SCW,RHP #8-32X1/4 LG, F-SST	\$3.29	06675A	KIT,DIAPHRAGM REPAIR,1.5" DEL	\$584.49
05326B	RUBBER, 8" CHECK VALVE	\$95.63	07046B	CLAPPER,2"DEL FL CNTRL	\$265.17
05334A	PIN, HINGE, 8" VALVE	\$65.62	07046BN	CLAPPER, 2", TEFLO COATED	\$261.02
05339C	GASKET, COVER, 8" VALVE	\$41.36	07048A	SCREW, COVER, ANTI-FLOOD	\$3.03
05344A	SEAT, ACCELERATOR	\$29.56	07848MB/W	VK800 PILOT WT 155 HP	\$59.03
05354B	GASKET, COVER, VALVE	\$12.15	07867W/B	CVR,WATER MOTER ALARM,F-2,BLI	\$28.84
05355A	PIN, HINGE, VALVE	\$24.68	08138N/B	CLAPPER,3" TEF	\$111.35
05360B	RUBBER, CLAPPER,2.5" CHECK VL	\$136.60	08139N/B	CLAPPER,4",TEF	\$125.53
05361B	RETAINER,RUBBER,2.5" CHECK VL	\$33.39	08155N/B	CLAPPER WELDMENT,6" TEF	\$154.74
05362CN/B	CLAPPER,2.5" TEF	\$77.06	08156N/B	CLAPPER WELDMENT,8" TEF	\$221.16
05363B	SCREW, CLAMP, S-O-C DEVICE	\$36.43	08570N	CLAPPER,6"DEL FL CNTRL,TEF CTE	\$989.58
05365A	SCREEN, S-O-C DEVICE	\$27.66	08844N	CLAPPER,4"DEL FL CNTRL,TEF CTE	\$739.81
05369A	RING, RETAINING	\$15.19	08846N	CLAPPER,3"VLV,TEFLON CTD	\$483.41
05432A	JUNCTION BOX PKG	\$759.42	10514N	RING, CLAMP, 8", TEFLON COATED	\$586.72
05436C	COVER, DRY PIPE VALVE	\$286.94	10516JT	SEAT,8" INLINE CNTRL,NCKL/TIN	\$2,476.19
05445A	RING, RETAINING	\$41.36	10518N/B	CLAPPER,8"INLINE FL CNTRL,TEF	\$3,280.24
05472A	PIN, BASE, ACCELERATOR	\$4.18	14711-2	REPL KIT,SEAT,1.5"& 2",F1 & J1	\$299.70
05478A	SCW,HHC 1/4-20 X 2-1/4 LG,STL	\$4.18	14711-3	REPL KIT,SEAT,2.5"& 3",F1 & J1	\$453.82
05479A	GASKET, COVER, ACCELERATOR	\$7.20	14711-4	REPL KIT,SEAT,4",F1 & J1	\$633.14
05480B	DIAPHRAGM ASSY,CVR,ACCEL (KIT	\$226.22	14711-6	REPL KIT,SEAT,6",F1 & J1	\$1,085.07
05486A	COVER, ANTI-FLOOD, ACCELERATOR	\$21.65	14711-8	REPL KIT,SEAT,8",F1 & J1	\$1,645.81
05499B	CLAPPER ASSY, 2.5" SWING CHECK	\$377.61	14712-2	REPL KIT,SEAT,1.5"& 2",F2 & J2	\$739.63
05603A	PLATE, WALL, WATER MOTOR ALAI	\$24.68	14712-3	REPL KIT,SEAT,2.5"& 3",F2 & J2	\$893.73
05604B	SHAFT, DRIVE, WATER MOTOR	\$41.36	14712-4	REPL KIT,SEAT,4",F2 & J2	\$1,599.37
05606C	SUPPORT ASSY GONG WTR MTR F	\$246.29	14712-6	REPL KIT,SEAT,6",F2 & J2	\$1,784.12
05703B	CLPR ASSY,6"FL CNTRL	\$4,774.59	14712-8	REPL KIT,SEAT,8",F2 & J2	\$3,072.71
05704B	RING, CLAMP, 6" VALVE	\$436.51	F01256	NUT,5/8 - 11UNC,VFC-2&4	\$1.52
05704BN	RING, CLAMP, 6", TEFLON COAT	\$432.67	F02008	SPRING CLIP, TRENCH NOZZLE	\$18.02
05707A	SCW,HHC 5/8-11 X 1-3/4 LG,STL	\$8.40	F09194	TUBING,STEEL REINFORCED PVC F	\$1.83
05724B	GASKET, COVER, 4" DETECTOR	\$68.29	F09649	SCREW, SOC.HD, #10-24X1" ILBP	\$3.54
05768A	LABEL, GONG, WATER MOTOR	\$6.48	F09665	CHECK VALVE, 2" ILBP	\$563.72
05796BW/B	CVR ASSY, 4" VALVE, E-COAT	\$230.27	L17485	LABEL,APSAD BUTTERFLY VLV	\$0.54
05821C	GONG, WATER MOTOR	\$163.97	R8402315B	CLAPPER ASSY, 6	\$3,381.71
05838A	SPRING, 3" FLOW CONTROL	\$295.63	R8601319A	GASKET CAP, PIN HOLE, ACCEL	\$15.19
05842A	SPRING, 4" FLOW CONTROL	\$329.42	R8603041A	GASKET, FLANGE, ACCELERATOR	\$23.60
05855A	SCW,HHC 3/8-16 X 1-1/8 LG,STL	\$3.03	R8606133A	KIT, GASKET-DIAPH, ACCELERATO	\$69.81
05939B	SPRING, 4	\$18.56	R9002372A	GASKET, COVER, DRY VALVE	\$25.46
05940B	SPRING, TORSION, 6	\$57.36	R9201471A	SPRING, DIAPHRAGM BYPASS	\$15.19
05952B	SPRING, TORSION, 8	\$57.36	R9507798	COVER ASSY,4"CHECK,REPL	\$139.42
05998B	GASKET, COVER, 6" VALVE	\$140.04	R9608908	CVR ASSY,3",PN-10,ALARM,REPL	\$162.47
06016BW/B	CVR ASSY, 8" VALVE, E-COAT	\$454.84	R9608909	CVR ASSY,4",PN-10,ALARM,REPL	\$151.08
06021B	SPRING, 3	\$76.71	R9608911	CVR ASSY,8",PN-10,ALARM,REPL	\$323.24
06057A	KIT, ANTI-FLOOD, ACCELERATOR	\$82.36			
06058A	KIT, CLAPPER DIAPHRAGM, ACCEL	\$271.73			
06091A	KIT, REPAIR, ACCELERATOR,E-1	\$239.07			
06138A	KIT, 0-RING, DEHYDRATOR	\$49.75			
06177A	SPRING, CLAPPER	\$7.08			
06224A	SPRING, DEVICE	\$42.17			

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
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VIKING FABRICATION SERVICES LLC
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.

c. NOTWITHSTANDING ANY OTHER PROVISION IN THIS DOCUMENT, VFS EXPRESSLY DISCLAIMS AND EXCLUDES ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

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.

9. **Indemnification of VFS (Patents).** 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, 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 VFS.

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.

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7. **NO CONSEQUENTIAL DAMAGES.** UNDER NO CIRCUMSTANCES WHATSOEVER SHALL VIKING 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.

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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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15. **Severability.** All terms shall be enforced only to the maximum extent permitted by law. If any term is invalid or unenforceable, all other terms shall remain in effect.

Trusted above all.™

