TABLE OF CONTENTS

Model G Preaction Systems O-1
Single Interlocked – Pneumatic Release..... O-2 – O-3
Single Interlocked – Electric Release ..... O-4 – O-5
Double Interlocked – Pneumatic/Pneumatic Release..... O-6– O-7
Double Interlocked – Electric/Pneumatic Release ..... O-8 – O-9
Double Interlocked – Electric/Pneu-lectric Release ..... O-10 – O-11
SureFire® Preaction Systems ..... O-12 – O-13

Components and Accessories (general) O-14
Accessories (Pneumatic Release) O-15
Accessories (Hydraulic Release) O-15
Accessories (Electric Release) O-16
Alarm Devices..... O-17
Special Valves and Trim (Halar® coated valves, brass trim, etc.) ..... O-18 – O-19

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.

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Model G (Complete, Factory Assembled Preaction Systems)

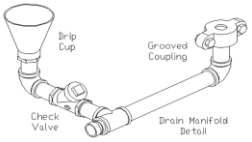
Model G preaction systems include the following:

- *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 *



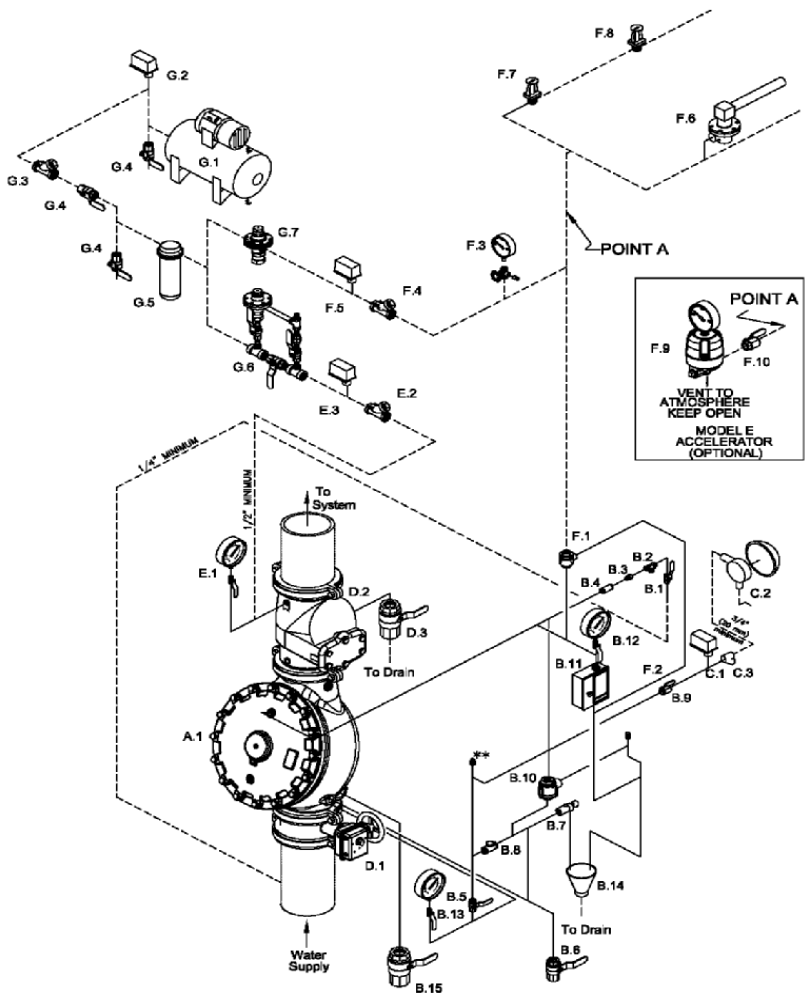
Model	Size	Part Number	List Price
G-2000	2"	16211	$474.19
G-3000	3"	16212	$610.02
G-4000	4"	15588	$684.37
G-6000	6"	17056	$684.37

** 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	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 / Preaction Valve* - ANGLE STYLE

V233	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

See page O-18-19 for additional valve and trim options, including Halar® coated valves, horizontal trim, domestic trim, and brass trim packages.

** Valve is not included in trim packages. Please order separately. See following page for trim packages and equipment.*

Preaction System - Single Interlocked - Pneumatic Release

TrimPac® *V251*	**1-1/2"**	**2"**	**2-1/2"**	**3"**	**4"**	**6"**	**8"**
Angle/Straight-Through	13793B-4 $5,315.49	13793B-4 $5,315.49	13793B-4 $5,315.49	13793B-4 $5,315.49	13793B-4 $5,315.49	13793B-4 $5,315.49	13793B-4 $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)*	11894-1 $548.37	11894-2 $443.55	11894-3 $502.66	11894-3 $502.66	11894-4 $645.13	11894-4 $645.13	11894-4 $645.13

	1-1/2"	**2"**	**2-1/2"**	**3"**	**4"**	**6"**	**8"**
Trim (Vertical - Straight Through Valve) - Galvanized *(IPG 236)*							
Loose Trim *(incl. accessory pkg-09316)*	14634-1 $3,353.17	14634-1 $3,353.17	14636-1 $3,281.51	14636-1 $3,281.51	14639-1 $3,433.76	14641-1 $3,441.82	14642-1 $4,985.62
Modular Trim *(incl. accessory pkg-09316)*	14634-1P $3,655.92	14634-1P $3,655.92	14636-1P $3,584.22	14636-1P $3,584.22	14639-1P $3,737.92	14641-1P $3,745.94	14642-1P $5,289.75
Trim (Vertical - Angle Style Valve) - Galvanized *(IPG 236)*							
Loose Trim *(incl. accessory pkg-09316)*	14629-1 $3,511.34	14630-1 $3,379.78	**N/A**	14631-1 $3,436.29	14632-1 $3,595.77	14633-1 $3,604.16	**N/A**
Modular Trim *(incl. accessory pkg-09316)*	14629-1P $3,814.07	14630-1P $3,682.53	**N/A**	14631-1P $3,739.03	14632-1P $3,898.48	14633-1P $3,906.91	**N/A**

	1-1/2"	**2"**	**2-1/2"**	**3"**	**4"**	**6"**	**8"**
Releasing Devices *(IPG V226)*							
Pneumatic Actuator	06459B $643.93	06459B $643.93	06459B $643.93	06459B $643.93	06459B $643.93	06459B $643.93	06459B $643.93
Releasing Trim - Galvanized *(IPG V238)*							
Loose Trim *(releasing device not incl.)*	10809 $100.89	10809 $100.89	10809 $100.89	10809 $100.89	10809 $100.89	10809 $100.89	10809 $100.89
Modular Trim *(releasing device not incl.)*	10809P $449.63	10809P $449.63	10809P $449.63	10809P $449.63	10809P $449.63	10809P $449.63	10809P $449.63
Loose Trim-DOMESTIC[1] *(releasing device not incl.)*	10809USA $134.52	10809USA $134.52	10809USA $134.52	10809USA $134.52	10809USA $134.52	10809USA $134.52	10809USA $134.52

	1-1/2"	**2"**	**2-1/2"**	**3"**	**4"**	**6"**	**8"**
Riser Check Valve and Trim *(IPG V259 / V222)*							
Riser Check Valve Threaded	10659 $714.05	10667 $825.57	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
Riser Check Valve Flange / Flange	**N/A**	**N/A**	**N/A**	08505 $1,204.63	08508 $1,241.21	08511 $2,046.52	**N/A**
Riser Check Valve Flange / Groove	**N/A**	**N/A**	**N/A**	08506 $1,021.65	08509 $1,051.58	08512 $1,740.35	08515 $2,463.31
Riser Check Valve Groove / Groove	11054 $714.05	11059 $825.57	07929 $868.53	08507 $868.53	08510 $868.53	08513 $1,607.28	08516 $2,276.15
Riser Check Valve Trim *(For Preaction)*	12960 $236.98	12960 $236.98	13776 $593.68	13776 $593.68	13777 $627.57	13777 $627.57	13777 $627.57

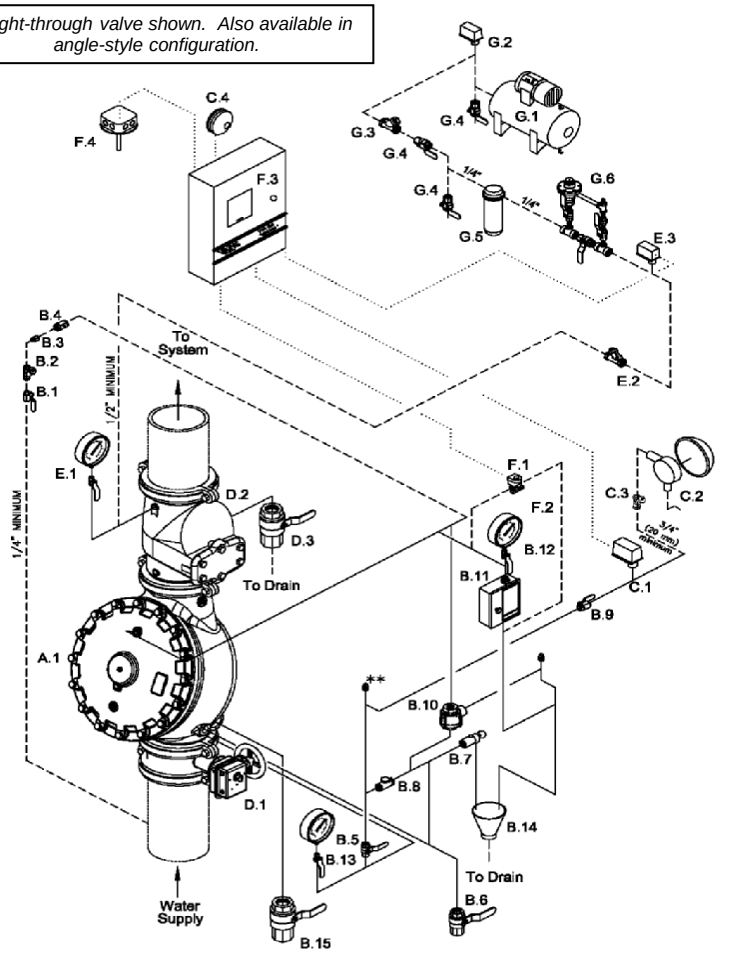
Riser check valve trim includes system main drain valve and air pressure gauge.

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 ½" - Thread)	SQP00530 (4" - F x G)	*See pgs O-14-17 for available accessories & related equipment*
	SQP00500 (2" - Thread)	SQP00540 (4" - F x F)	
	SQP00510 (3" - F x G)	SQP00550 (6" - F x G)	
	SQP00520 (3" - F x F)	SQP00560 (6" - F x F)	

Please contact your customer service center for price and availability of non-interlocked preaction systems.

Preaction System - Single Interlocked - Electric Release

Straight-through valve shown. Also available in angle-style configuration.



SYSTEM COMPONENTS

A. Valve
- A.1 Deluge Valve

B. Deluge Valve Conventional Trim *
- (See Deluge Valve Conventional Trim Charts)
- B.1 Priming Valve (Normally Open)
- B.2 Strainer
- B.3 1/16" Restricted Orifice
- B.4 Spring Loaded Check Valve
- B.5 Alarm Test Valve (Normally Closed)
- B.6 Auxiliary Drain Valve (Normally Closed)
- B.7 Drip Check Valve
- B.8 Drain Check Valve
- B.9 Alarm Shut-Off Valve (Normally Open)
- B.10 Pressure Operated Relief Valve (P.O.R.V.)
- B.11 Emergency Release
- B.12 Priming Pressure Water Gauge and Valve
- B.13 Water Supply Pressure Gauge and Valve
- B.14 Drain Cup
- B.15 Flow Test Valve (Normally Closed)

C. Water Flow Alarm Equipment
- C.1 Alarm Pressure Switch and/or
- C.2 Water Motor Alarm (Strainer Required)
- C.3 Strainer
- C.4 Electric Alarm Bell

D. Riser
- D.1 Water Supply Control Valve
- D.2 Easy Riser Check Valve or rubber seated check valve
- D.3 Sprinkler System Main Drain

E. Supervisory Air Supply
- E.1 System Pressure Gauge and Valve
- E.2 Soft Seat Swing Check Valve
- E.3 Air Pressure Supervisory Switch

F. Release System
- F.1 Solenoid Valve (Normally Closed)
- F.2 Electric Release Trim
- F.3 System Control Panel configured for Non-Interlocked Preaction operation.
- F.4 Electric Detection System. Heat Detector shown for clarity.

- G.1 Automatic Air Supply. Air Compressor and Tank shown for clarity.
- G.2 Air Supervisory Pressure Switch (Compressor On/Off Control Switch)
- G.3 Soft Seat Check Valve
- G.4 Shut Off Valve (Indicating Ball Valve recommended.)
- G.5 Dehydrator
- G.6 Air maintenance Device & By-Pass Trim
- G.7 1/"2 x 1/4" Reducing Coupling

----- Dashed lines indicate pipe required but not listed in "System Components" Table.

..... Dotted lines indicate electrical detection system wiring required but not listed in "System Components" Table. For additional wiring requirements refer to technical data for components used.

Components shown above are included in Quik Pik packages as customized by user. See page O-5.

Model F Deluge / Preaction Valve* - STRAIGHT THROUGH

V233	1-1/2"	2"	2-1/2"	3"	4"	6"	8"
Thread X Thread	12126 $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 / Preaction Valve* - ANGLE STYLE

V233	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

See page O-18-19 for additional valve and trim options, including Halar® coated valves, horizontal trim, domestic trim, and brass trim packages.

** Valve is not included in trim packages. Please order separately. See following page for trim packages and equipment.*

Preaction System - Single Interlocked - Electric Release

TrimPac® *V234*	**1-1/2"**	**2"**	**2-1/2"**	**3"**	**4"**	**6"**	**8"**
Angle/Straight-Through	13792B-3 $5,413.12	13792B-3 $5,413.12	13792B-3 $5,413.12	13792B-3 $5,413.12	13792B-3 $5,413.12	13792B-3 $5,413.12	13792B-3 $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)*	11894-1 $548.37	11894-2 $443.55	11894-3 $502.66	11894-3 $502.66	11894-4 $645.13	11894-4 $645.13	11894-4 $645.13

	1-1/2"	**2"**	**2-1/2"**	**3"**	**4"**	**6"**	**8"**
Trim (Vertical - Straight Through Valve) - Galvanized *(IPG V236)*							
Loose Trim *(incl. accessory pkg-09316)*	14634-1 $3,353.17	14634-1 $3,353.17	14636-1 $3,281.51	14636-1 $3,281.51	14639-1 $3,433.76	14641-1 $3,441.82	14642-1 $4,985.62
Modular Trim *(incl. accessory pkg-09316)*	14634-1P $3,655.92	14634-1P $3,655.92	14636-1P $3,584.22	14636-1P $3,584.22	14639-1P $3,737.92	14641-1P $3,745.94	14642-1P $5,289.75
Trim (Vertical - Angle Style Valve) - Galvanized *(IPG V236)*							
Loose Trim *(incl. accessory pkg-09316)*	14629-1 $3,511.34	14630-1 $3,379.78	**N/A**	14631-1 $3,436.29	14632-1 $3,595.77	14633-1 $3,604.16	**N/A**
Modular Trim *(incl. accessory pkg-09316)*	14629-1P $3,814.07	14630-1P $3,682.53	**N/A**	14631-1P $3,739.03	14632-1P $3,898.48	14633-1P $3,906.91	**N/A**

	1-1/2"	**2"**	**2-1/2"**	**3"**	**4"**	**6"**	**8"**
Releasing Devices *(IPG V240)*							
Solenoid Valve	11601 $999.44	11601 $999.44	11601 $999.44	11601 $999.44	11601 $999.44	11601 $999.44	11601 $999.44
Releasing Trim - Galvanized *(IPG V238)*							
Loose Trim *(releasing device not incl.)*	10830 $104.16	10830 $104.16	10830 $104.16	10830 $104.16	10830 $104.16	10830 $104.16	10830 $104.16
Modular Trim *(releasing device not incl.)*	10830P $449.63	10830P $449.63	10830P $449.63	10830P $449.63	10830P $449.63	10830P $449.63	10830P $449.63
Loose Trim - DOMESTIC *(releasing device not incl.)*	10830USA $138.86	10830USA $138.86	10830USA $138.86	10830USA $138.86	10830USA $138.86	10830USA $138.86	10830USA $138.86

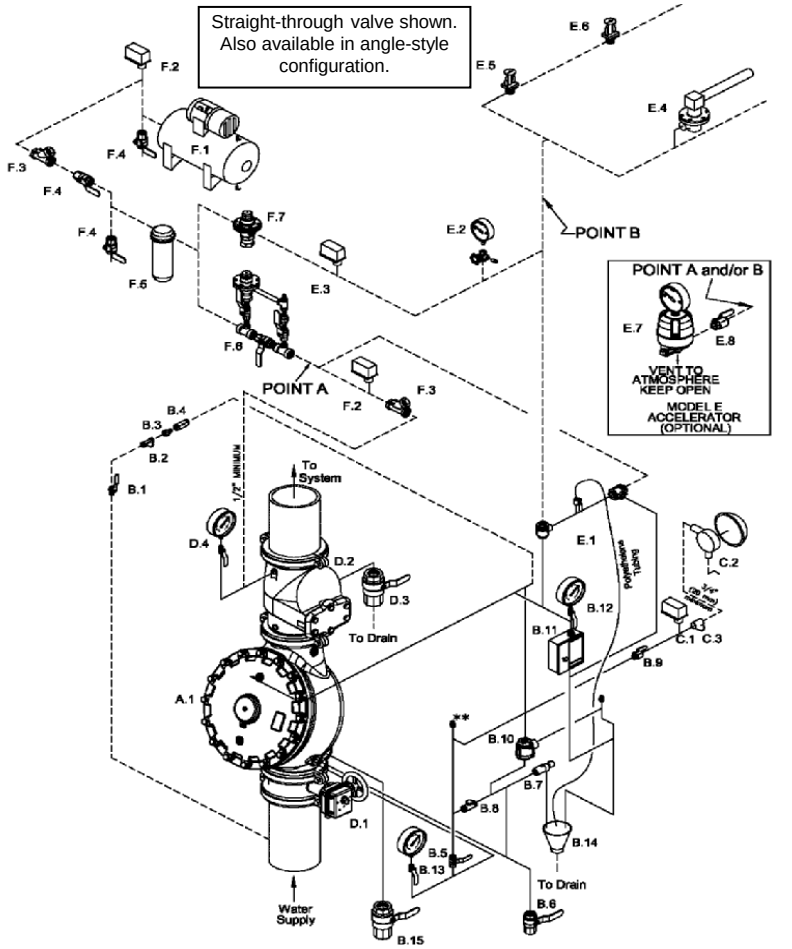
	1-1/2"	**2"**	**2-1/2"**	**3"**	**4"**	**6"**	**8"**
Riser Check Valve and Trim *(IPG V259 / V222)*							
Riser Check Valve Threaded	10659 $714.05	10667 $825.57	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
Riser Check Valve Flange / Flange	**N/A**	**N/A**	**N/A**	08505 $1,204.63	08508 $1,241.21	08511 $2,046.52	**N/A**
Riser Check Valve Flange / Groove	**N/A**	**N/A**	**N/A**	08506 $1,021.65	08509 $1,051.58	08512 $1,740.35	08515 $2,463.31
Riser Check Valve Groove / Groove	11054 $714.05	11059 $825.57	07929 $868.53	08507 $868.53	08510 $868.53	08513 $1,607.28	08516 $2,276.15
Riser Check Valve Trim *(For Preaction)*	12960 $236.98	12960 $236.98	13776 $593.68	13776 $593.68	13777 $627.57	13777 $627.57	13777 $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 ½" - Thread)	SQP00530 (4" - F x G)	*See pgs O-14-17 for available accessories & related equipment*
	SQP00500 (2" - Thread)	SQP00540 (4" - F x F)	
	SQP00510 (3" - F x G)	SQP00550 (6" - F x G)	
	SQP00520 (3" - F x F)	SQP00560 (6" - F x F)	

Please contact your customer service center for price and availability of non-interlocked preaction systems.

Preaction System - Double Interlocked - Pneumatic/Pneumatic Release



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

-------- 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.

Components shown above are included in Quik Pik packages as customized by user. See page O-7.

Model F Deluge / Preaction Valve* - STRAIGHT THROUGH

V233	1-1/2"	2"	2-1/2"	3"	4"	6"	8"
Thread X Thread	12126 $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 / Preaction Valve* - ANGLE STYLE

V233	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

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

Trim (Vertical - Straight Through Valve) - Galvanized *(IPG V236)*

	1-1/2"	2"	2-1/2"	3"	4"	6"	8"
Loose Trim *(incl. accessory pkg-09316)*	14634-1 $3,353.17	14634-1 $3,353.17	14636-1 $3,281.51	14636-1 $3,281.51	14639-1 $3,433.76	14641-1 $3,441.82	14642-1 $4,985.62
Modular Trim *(incl. accessory pkg-09316)*	14634-1P $3,655.92	14634-1P $3,655.92	14636-1P $3,584.22	14636-1P $3,584.22	14639-1P $3,737.92	14641-1P $3,745.94	14642-1P $5,289.75

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

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

Releasing Devices *(IPG V226)*

	1-1/2"	2"	2-1/2"	3"	4"	6"	8"
Pneumatic Actuator	06459B $643.93	06459B $643.93	06459B $643.93	06459B $643.93	06459B $643.93	06459B $643.93	06459B $643.93

On pneumatic/pneumatic preaction systems only, releasing devices (pneumatic actuators) are included in releasing trim.

Releasing Trim - Galvanized *(IPG V238)*

Loose Trim	12662-1 $1,733.75	12662-1 $1,733.75	12662-1 $1,733.75	12662-1 $1,733.75	12662-1 $1,733.75	12662-1 $1,733.75	12662-1 $1,733.75
Modular Trim	12662-1P P.O.A.	12662-1P P.O.A.	12662-1P P.O.A.	12662-1P P.O.A.	12662-1P P.O.A.	12662-1P P.O.A.	12662-1P P.O.A.

On pneumatic/pneumatic preaction systems only, releasing devices (pneumatic actuators) are included in releasing trim.

Riser Check Valve and Trim *(IPG V259 / V222)*

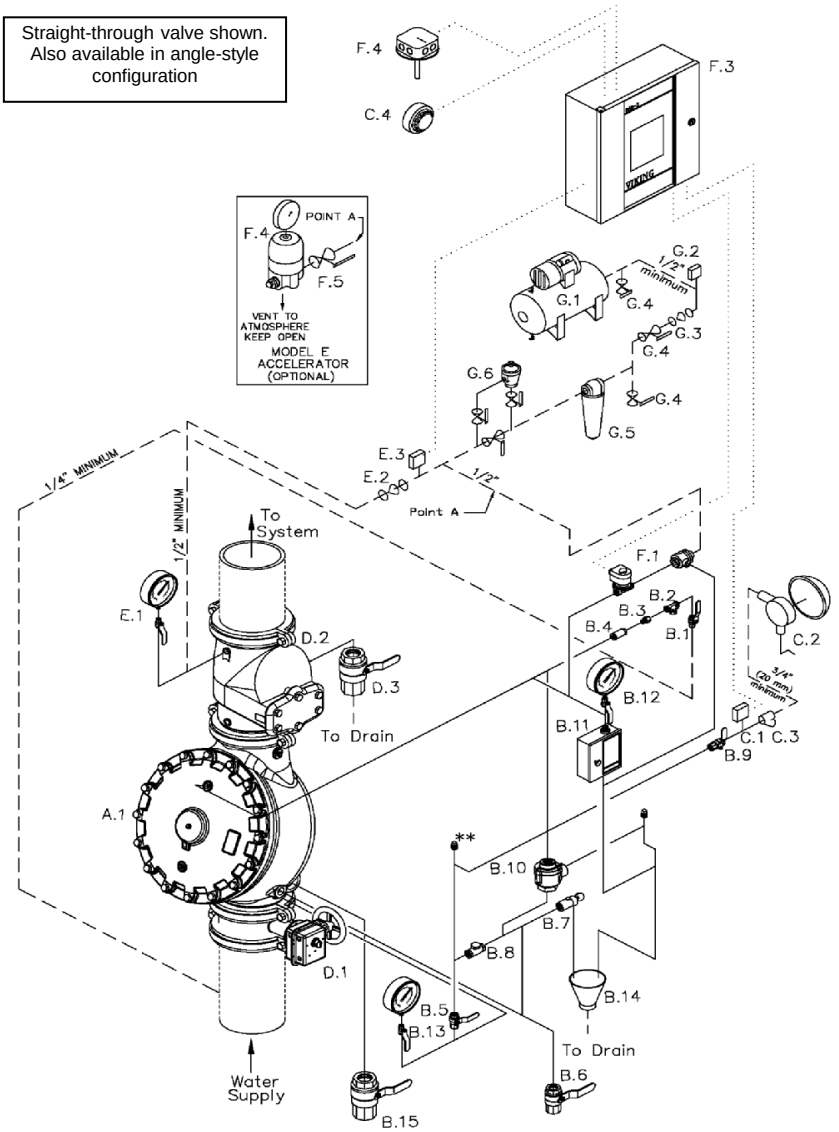
	1-1/2"	2"	2-1/2"	3"	4"	6"	8"
Riser Check Valve Threaded	10659 $714.05	10667 $825.57	N/A	N/A	N/A	N/A	N/A
Riser Check Valve Flange / Flange	N/A	N/A	N/A	08505 $1,204.63	08508 $1,241.21	08511 $2,046.52	N/A
Riser Check Valve Flange / Groove	N/A	N/A	N/A	08506 $1,021.65	08509 $1,051.58	08512 $1,740.35	08515 $2,463.31
Riser Check Valve Groove / Groove	11054 $714.05	11059 $825.57	07929 $868.53	08507 $868.53	08510 $868.53	08513 $1,607.28	08516 $2,276.15
Riser Check Valve Trim *(For Preaction)*	12960 $236.98	12960 $236.98	13776 $593.68	13776 $593.68	13777 $627.57	13777 $627.57	13777 $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 ½" - Thread)	SQP00690 (4" - F x G)	*See pgs O-14-17 for available accessories & related equipment*
	SQP00660 (2" - Thread)	SQP00700 (4" - F x F)	
	SQP00670 (3" - F x G)	SQP00710 (6" - F x G)	
	SQP00680 (3" - F x F)	SQP00720 (6" - F x F)	

Preaction System - Double Interlocked - Electric/Pneumatic Release

Straight-through valve shown. Also available in angle-style configuration



Components shown above are included in QuikPik packages as customized by user. See page O-9.

Description

A.1 Model F deluge valve
Deluge valve conventional trim including:
B.1 Priming connection ball valve (N.O.)
B.2 Y strainer
B.3 Restricted orifice
B.4 Spring loaded in-line check valve
B.5 Alarm test valve (normally closed)
B.6 Auxiliary drain valve (normally closed)
B.7 Drip check valve
B.8 Drain check valve
B.9 Alarm shut-off valve (normally open)
B.10 Pressure operated relief valve (porv)
B.11 Model C emergency release
B.12 Priming pressure water gauge & valve
B.13 Water supply pressure gauge & valve
B.14 Drain cup
B.15 Flow test valve (normally closed)
C.1 Alarm pressure switch and/or
C.2 Model F-2 water motor alarm including:
C.3 3/4" / DN20 alarm line Y strainer
C.4 Electric alarm bell
D.1 Water supply control valve
D.2 Easy Riser® check valve & trim including:
D.3 System main drain valve
E.1 Air pressure gauge and valve
E.2 Soft seat air supply check valve
E.3 Air pressure supervisory switch
F.1 Electric/pneumatic release module trim
F.1 Solenoid valve (normally closed)
F.1 Pneumatic actuator
F.3 VFR400 release control panel
F.4 Electric detection system
F.4 Model E-1 accelerator (optional)
F.5 Accelerator isolation ball valve
G.1 Automatic air supply
G.2 Air pressure supervisory switch
G.3 Soft seat air supply check valve
G.4 Shut-off ball valve
G.5 Dehydrator package
G.6 D-2 air maintenance device and by-pass trim

Model F Deluge / Preaction Valve* - STRAIGHT THROUGH

V233	1-1/2"	2"	2-1/2"	3"	4"	6"	8"
Thread X Thread	12126 $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 / Preaction Valve* - ANGLE STYLE

V233	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

** Valve is not included in trim packages. Please order separately. See following page for trim packages and equipment.*

Preaction System - Double Interlocked - Electric/Pneumatic Release

TrimPac® *V234*	**1-1/2"**	**2"**	**2-1/2"**	**3"**	**4"**	**6"**	**8"**
Angle/Straight-Through	13794B-5 $6,362.45	13794B-5 $6,362.45	13794B-5 $6,362.45	13794B-5 $6,362.45	13794B-5 $6,362.45	13794B-5 $6,362.45	13794B-5 $6,362.45

TrimPac® includes conventional trim, releasing devices, releasing trim, and flexible hose kit.
Drain package for TrimPac® must be ordered separately (see below).

Drain Package *(IPG V257)*

Use with TrimPac® *(order separately)*	11894-1 $548.37	11894-2 $443.55	11894-3 $502.66	11894-3 $502.66	11894-4 $645.13	11894-4 $645.13	11894-4 $645.13

	1-1/2"	**2"**	**2-1/2"**	**3"**	**4"**	**6"**	**8"**
Trim (Vertical - Straight Through Valve) - Galvanized *(IPG V236)*							
Loose Trim *(incl. accessory pkg-09316)*	14634-1 $3,353.17	14634-1 $3,353.17	14636-1 $3,281.51	14636-1 $3,281.51	14639-1 $3,433.76	14641-1 $3,441.82	14642-1 $4,985.62
Modular Trim *(incl. accessory pkg-09316)*	14634-1P $3,655.92	14634-1P $3,655.92	14636-1P $3,584.22	14636-1P $3,584.22	14639-1P $3,737.92	14641-1P $3,745.94	14642-1P $5,289.75
Trim (Vertical - Angle Style Valve) - Galvanized *(IPG V236)*							
Loose Trim *(incl. accessory pkg-09316)*	14629-1 $3,511.34	14630-1 $3,379.78	**N/A**	14631-1 $3,436.29	14632-1 $3,595.77	14633-1 $3,604.16	**N/A**
Modular Trim *(incl. accessory pkg-09316)*	14629-1P $3,814.07	14630-1P $3,682.53	**N/A**	14631-1P $3,739.03	14632-1P $3,898.48	14633-1P $3,906.91	**N/A**

	1-1/2"	**2"**	**2-1/2"**	**3"**	**4"**	**6"**	**8"**
Releasing Devices							
Solenoid Valve *IPG V240*	11601 $999.44	11601 $999.44	11601 $999.44	11601 $999.44	11601 $999.44	11601 $999.44	11601 $999.44
Pneumatic Actuator *IPG V226*	06459B $643.93	06459B $643.93	06459B $643.93	06459B $643.93	06459B $643.93	06459B $643.93	06459B $643.93
Releasing Trim - Galvanized *(IPG V238)*							
Loose Trim *(releasing device not incl.)*	12661-1 $108.09	12661-1 $108.09	12661-1 $108.09	12661-1 $108.09	12661-1 $108.09	12661-1 $108.09	12661-1 $108.09
Modular Trim *(releasing device not incl.)*	12661-1P $431.64	12661-1P $431.64	12661-1P $431.64	12661-1P $431.64	12661-1P $431.64	12661-1P $431.64	12661-1P $431.64
Loose Trim - DOMESTIC *(releasing device not incl.)*	12661-1USA $144.12	12661-1USA $144.12	12661-1USA $144.12	12661-1USA $144.12	12661-1USA $144.12	12661-1USA $144.12	12661-1USA $144.12

	1-1/2"	**2"**	**2-1/2"**	**3"**	**4"**	**6"**	**8"**
Riser Check Valve and Trim *(IPG V259 / V222)*							
Riser Check Valve Threaded	10659 $714.05	10667 $825.57	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
Riser Check Valve Flange / Flange	**N/A**	**N/A**	**N/A**	08505 $1,204.63	08508 $1,241.21	08511 $2,046.52	**N/A**
Riser Check Valve Flange / Groove	**N/A**	**N/A**	**N/A**	08506 $1,021.65	08509 $1,051.58	08512 $1,740.35	08515 $2,463.31
Riser Check Valve Groove / Groove	11054 $714.05	11059 $825.57	07929 $868.53	08507 $868.53	08510 $868.53	08513 $1,607.28	08516 $2,276.15
Riser Check Valve Trim *(For Preaction)*	12960 $236.98	12960 $236.98	13776 $593.68	13776 $593.68	13777 $627.57	13777 $627.57	13777 $627.57

Riser check valve trim includes system main drain valve and air pressure gauge.

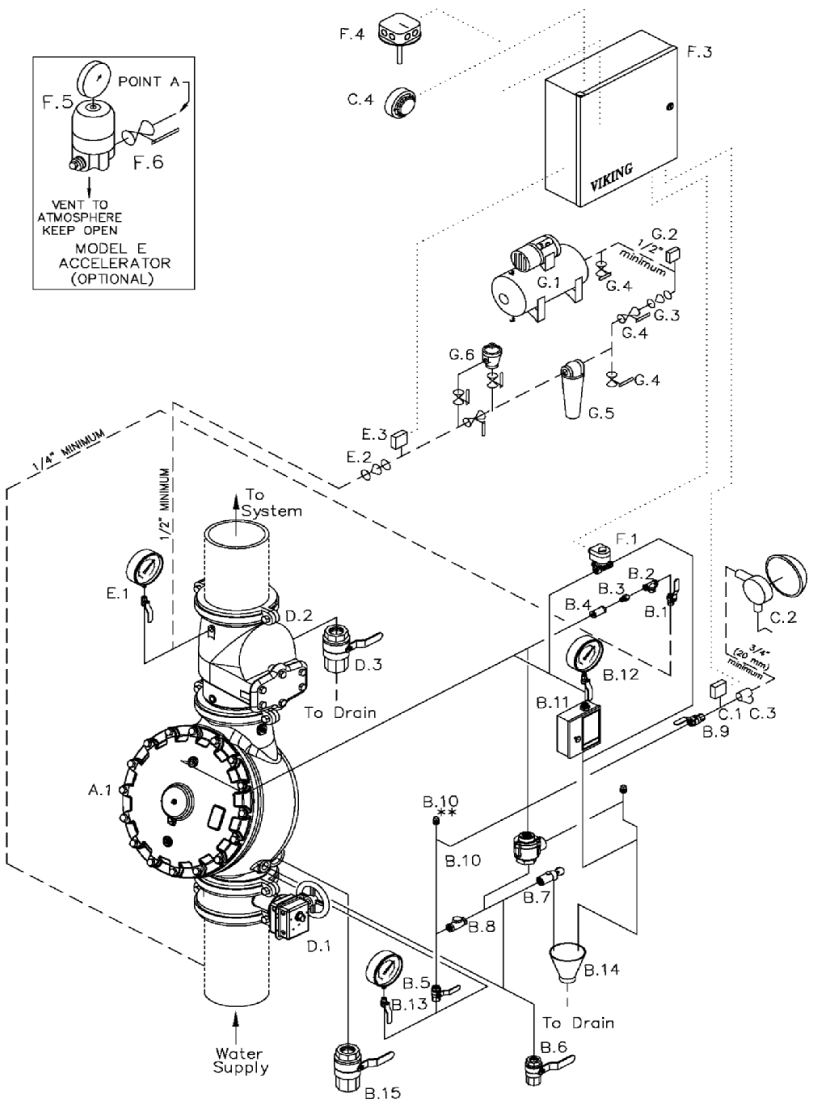
Viking Quik Pik Packages - *Complete packages customized to fit your requirements*

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 ½" - Thread)	SQP00610 (4" - F x G)
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)

See pgs O-14-17 for available accessories & related equipment

Preaction System - Double Interlocked - Electric/Pneu-lectric Release



Components shown above are included in Quik Pik packages as customized by user. See page O-11.

Description

A.1 Model E deluge valve
Deluge valve conventional trim including:
- B.1 Priming connection ball valve (N.O.)
- B.2 Y strainer
- B.3 Restricted orifice
- B.4 Spring loaded in-line check valve
- B.5 Alarm test valve (normally closed)
- B.6 Auxiliary drain valve (normally closed)
- B.7 Drip check valve
- B.8 Drain check valve
- B.9 Alarm shut-off valve (normally open)
- B.10 Pressure operated relief valve (PORV)
- B.11 Model c emergency release
- B.12 Priming pressure water gauge & valve
- B.13 Water supply pressure gauge & valve
- B.14 Drain cup
- B.15 Flow test valve (normally closed)

C.1 Alarm pressure switch and/or
C.2 Model F-2 water motor alarm including:
- C.3 3/4" / DN20 alarm line Y strainer

C.4 Electric alarm bell
D.1 Water supply control valve
D.2 Easy Riser® check valve
Easy Riser® trim for preaction (including)
- D.3 System main drain valve
- E.1 Air pressure gauge and valve

E.2 Soft seat air supply check valve
E.3 Air pressure supervisory switch
F.1 Solenoid valve (normally closed)
F.2 Electric release module trim
F.3 VFR-400 Release control panel
F.4 Electric detection system
F.5 Model E-1 accelerator (optional)
F.6 Accelerator isolation ball valve
G.1 Automatic air supply
G.2 Air pressure supervisory switch
G.3 Soft seat air supply check valve
G.4 Shut-off ball valve
G.5 Dehydrator package
G.6 D-2 air maintenance device & by-pass trim

Model F Deluge / Preaction Valve* - STRAIGHT THROUGH

V233	1-1/2"	2"	2-1/2"	3"	4"	6"	8"
Thread X Thread	12126 $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 / Preaction Valve* - ANGLE STYLE

V233	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

See page O-18-19 for additional valve and trim options, including Halar® coated valves, horizontal trim, domestic trim, and brass trim packages.

** Valve is not included in trim packages. Please order separately. See following page for trim packages and equipment.*

Preaction System - Double Interlocked - Electric/Pneu-lectric Release

TrimPac® *V234*	**1-1/2"**	**2"**	**2-1/2"**	**3"**	**4"**	**6"**	**8"**
Angle/Straight-Through	13796B-6 $5,413.12	13796B-6 $5,413.12	13796B-6 $5,413.12	13796B-6 $5,413.12	13796B-6 $5,413.12	13796B-6 $5,413.12	13796B-6 $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)*	11894-1 $548.37	11894-2 $443.55	11894-3 $502.66	11894-3 $502.66	11894-4 $645.13	11894-4 $645.13	11894-4 $645.13

	1-1/2"	**2"**	**2-1/2"**	**3"**	**4"**	**6"**	**8"**
Trim (Vertical - Straight Through Valve) - Galvanized *(IPG V236)*							
Loose Trim *(incl. accessory pkg-09316)*	14634-1 $3,353.17	14634-1 $3,353.17	14636-1 $3,281.51	14636-1 $3,281.51	14639-1 $3,433.76	14641-1 $3,441.82	14642-1 $4,985.62
Modular Trim *(incl. accessory pkg-09316)*	14634-1P $3,655.92	14634-1P $3,655.92	14636-1P $3,584.22	14636-1P $3,584.22	14639-1P $3,737.92	14641-1P $3,745.94	14642-1P $5,289.75

Trim (Vertical - Angle Style Valve) - Galvanized *(IPG V236)*							
Loose Trim *(incl. accessory pkg-09316)*	14629-1 $3,511.34	14630-1 $3,379.78	**N/A**	14631-1 $3,436.29	14632-1 $3,595.77	14633-1 $3,604.16	**N/A**
Modular Trim *(incl. accessory pkg-09316)*	14629-1P $3,814.07	14630-1P $3,682.53	**N/A**	14631-1P $3,739.03	14632-1P $3,898.48	14633-1P $3,906.91	**N/A**

	1-1/2"	**2"**	**2-1/2"**	**3"**	**4"**	**6"**	**8"**
Releasing Devices *(IPG V240)*							
Solenoid Valve	11601 $999.44	11601 $999.44	11601 $999.44	11601 $999.44	11601 $999.44	11601 $999.44	11601 $999.44

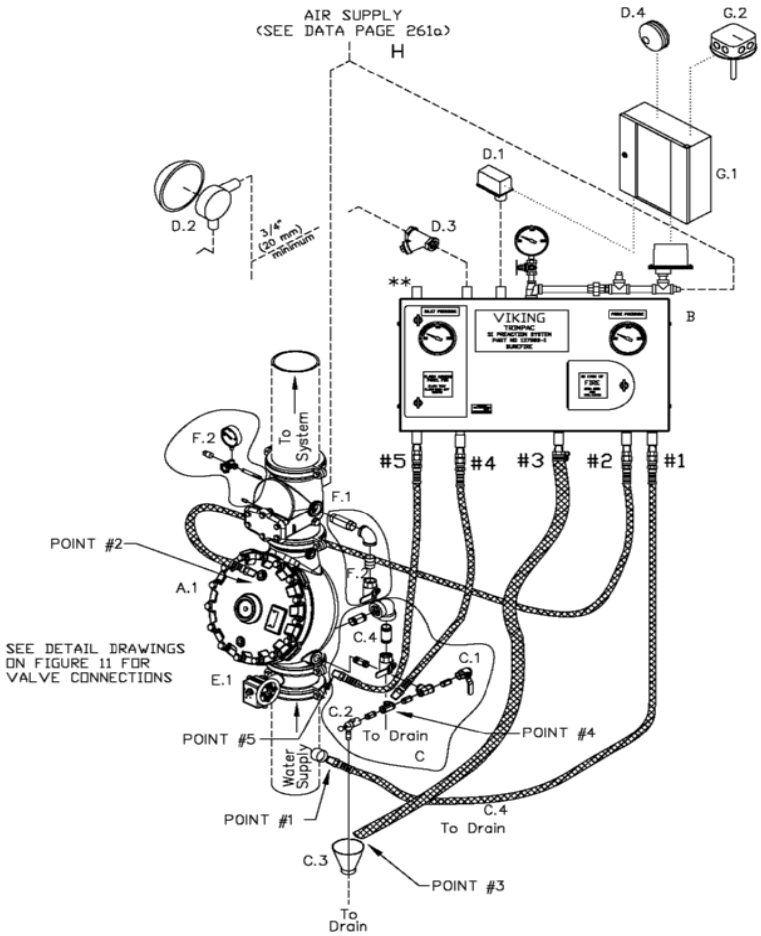
Releasing Trim - Galvanized *(IPG V238)*							
Loose Trim *(releasing device not incl.)*	10830 $104.16	10830 $104.16	10830 $104.16	10830 $104.16	10830 $104.16	10830 $104.16	10830 $104.16
Modular Trim *(releasing device not incl.)*	10830P $449.63	10830P $449.63	10830P $449.63	10830P $449.63	10830P $449.63	10830P $449.63	10830P $449.63
Loose Trim - DOMESTIC *(releasing device not incl.)*	10830USA $138.86	10830USA $138.86	10830USA $138.86	10830USA $138.86	10830USA $138.86	10830USA $138.86	10830USA $138.86

	1-1/2"	**2"**	**2-1/2"**	**3"**	**4"**	**6"**	**8"**
Riser Check Valve and Trim *(IPG V259 / V222)*							
Riser Check Valve Threaded	10659 $714.05	10667 $825.57	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
Riser Check Valve Flange / Flange	**N/A**	**N/A**	**N/A**	08505 $1,204.63	08508 $1,241.21	08511 $2,046.52	**N/A**
Riser Check Valve Flange / Groove	**N/A**	**N/A**	**N/A**	08506 $1,021.65	08509 $1,051.58	08512 $1,740.35	08515 $2,463.31
Riser Check Valve Groove / Groove	11054 $714.05	11059 $825.57	07929 $868.53	08507 $868.53	08510 $868.53	08513 $1,607.28	08516 $2,276.15
Riser Check Valve Trim *(For Preaction)*	12960 $236.98	12960 $236.98	13776 $593.68	13776 $593.68	13777 $627.57	13777 $627.57	13777 $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.	SQP00730 (1 ½" - Thread)	SQP00770 (4" - F x G)	*See pgs O-14-17 for available accessories & related equipment*
	SQP00740 (2" - Thread)	SQP00780 (4" - F x F)	
	SQP00750 (3" - F x G)	SQP00790 (6" - F x G)	
	SQP00760 (3" - F x F)	SQP00800 (6" - F x F)	

SureFire® Preaction System - Single/Double Interlocked



SUREFIRE SINGLE INTERLOCKED PREACTION SYSTEM

A System Valve
- A.1 Deluge Valve

B Trimpac
- Trimpac Components

C Trimpac Drain Package
- C.1 Auxiliary Drain Valve (NC)
- C.2 Drip Check Valve
- C.3 Drain Cup
- C.4 Flow Test Valve (NC)

D Water Flow Alarm Equipment
- D.1 Alarm Pressure Switch
- D.2 Water Motor Alarm (F-2) (Optional)
- D.3 Strainer
- D.4 Electric Alarm Bell

E Riser
- E.1 Water Supply Control Valve

F Check Valve
- F.1 2-1/2"-6" Easy Riser Check Valve
- F.2 Check Valve Trim

G Release System
- G.1 Par-3 or VFR400 Release Control Pan (VFR400 Panel available 1st qtr. 2008)
- G.2 Electric Detection System (Heat Detector shown for clarity)

H Air Supply

Components shown above are included in Quik Pik packages as customized by user. See page O-13.

TrimPac can be used with either straight through or angle style valves (straight through shown)

Model F Deluge / Preaction Valve* - STRAIGHT THROUGH

V233	1-1/2"	2"	2-1/2"	3"	4"	6"	8"
Thread X Thread	12126 $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 / Preaction Valve* - ANGLE STYLE

V233	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

See page O-18-19 for additional valve and trim options, including Halar® coated valves, horizontal trim, domestic trim, and brass trim packages.

** Valve is not included in trim packages. Please order separately. See following page for trim packages and equipment.*

SureFire® Preaction System - Single/Double Interlocked

Viking's SureFire® fail safe preaction system is available in TrimPac arrangement only. Loose or modular trim not offered.

TrimPac®[1,2,3] *V234*	**1-1/2"**	**2"**	**2-1/2"**	**3"**	**4"**	**6"**	**8"**
Single Interlock	13798D-1	13798D-1	13798D-1	13798D-1	13798D-1	13798D-1	13798D-1
(includes release & trim)	$7,308.81	$7,308.81	$7,308.81	$7,308.81	$7,308.81	$7,308.81	$7,308.81
Double Interlock	13799D-2	13799D-2	13799D-2	13799D-2	13799D-2	13799D-2	13799D-2
(includes release & trim)	$7,993.14	$7,993.14	$7,993.14	$7,993.14	$7,993.14	$7,993.14	$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®	11894-1	11894-2	11894-3	11894-3	11894-4	11894-4	11894-4
(order separately)	$548.37	$443.55	$502.66	$502.66	$645.13	$645.13	$645.13

Riser Check Valve and Trim *(IPG V259 / V222)*	**1-1/2"**	**2"**	**2-1/2"**	**3"**	**4"**	**6"**	**8"**
Riser Check Valve Threaded	10659 $714.05	10667 $825.57	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
Riser Check Valve Flange / Flange	**N/A**	**N/A**	**N/A**	08505 $1,204.63	08508 $1,241.21	08511 $2,046.52	**N/A**
Riser Check Valve Flange / Groove	**N/A**	**N/A**	**N/A**	08506 $1,021.65	08509 $1,051.58	08512 $1,740.35	08515 $2,463.31
Riser Check Valve Groove / Groove	11054 $714.05	11059 $825.57	07929 $868.53	08507 $868.53	08510 $868.53	08513 $1,607.28	08516 $2,276.15
Riser Check Valve Trim *(For Preaction)*	12960 $236.98	12960 $236.98	13776 $593.68	13776 $593.68	13777 $627.57	13777 $627.57	13777 $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		**SureFire® - Double Interlocked**	
SQP01050 (1 ½" / DN40)	SQP01080 (4" / DN100)	SQP01110 (1 ½" / DN40)	SQP01140 (4" / DN100)
SQP01060 (2" / DN50)	SQP01090 (6" / DN150)	SQP01120 (2" / DN50)	SQP01150 (6" / DN150)
SQP01070 (3" / DN80)	SQP01100 (8" / DN200)	SQP01130 (3" / DN80)	SQP01160 (8" / DN200)

Accessories for TrimPac®

Replacement Hose *V234*

PVC drain hose	12071	$148.90

Riser Mounting Kit *V234*

(use when mounting TrimPac® unit to riser)

Vertical	11900	$1,034.04
Horizontal	11901	$1,421.88

Air Line Trim - TANK MOUNTED *V234*

(not for use with Deluge TrimPac® Systems)

13770	$1,869.64

Air Line Trim - TANKLESS *V234*

(not for use with Deluge TrimPac® Systems)

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)

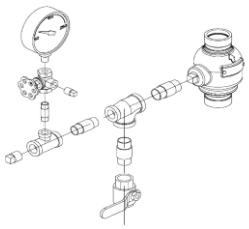
1½"	10659	$714.05
2"	10667	$825.57

Model L-1 (grooved)

1½"	11054	$714.05
2"	11059	$825.57

IPG V259

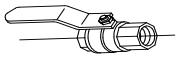
In-Line Check Valve Trim (1-1/2" - 2")



Model L-1 / K-1
12960
$236.98

IPG V222

Ball Valve



IPG V226

Brass			Stainless Steel	
1/4"	10354	$32.17	10644	$276.67
1/2"	10355	$54.66	10645	$278.24
1"	10356	$81.12	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
VAIRSF $26.93

IPG SR295

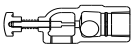
Globe Valve for Gauges (side outlet)

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)
10733 $296.76

IPG V226

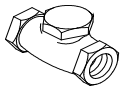
Drain Cup

1½" / DN40
01019B $19.27

IPG V226

Drain Check Valve

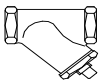
IPG V226



1/2" / DN15
05781A $100.12
Corrosion Resistant
05781AJ $209.45

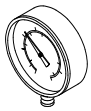
Y Strainer

IPG SR260



1/4" / DN15
14BYS $45.90

Water Gauge

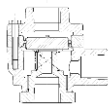


0-300 psi
1/4" VWATERSF $26.93

IPG SR295

Prime Shut-Off Valve

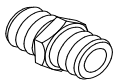
IPG V226



1/2" / DN15
10723 $851.81
Corrosion Resistant
10724 $1,522.56

Restricted Orifice

5/64" / 2mm

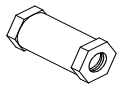


1/2" / DN15
11706 $80.40

IPG V226

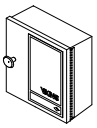
In-Line Check Valve

IPG V226



1/4" / DN8
04947A $93.13

Emergency Release



1/2" (Galvanized)		Brass		Corrosion Resistant	
Model C-1		Model C-2		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

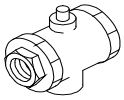
Riser Mounting Kit

(when mounting TrimPac to riser)

Vertical	11900	$1,034.04
Horizontal	11901	$1,421.88

Accessories for Old Style Trim

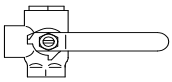
Model A-2 Strainer Orifice Check Vlv



1/4" (DN8)
06579B $365.65

V226

Alarm Test/Alarm Shut-Off Valve

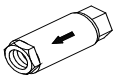


1/2" (DN15)
06174A $393.71

V226

Spring Loaded Check Valve

(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

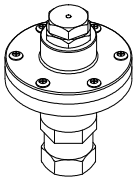
IPG V226

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
¼" / DN8	02280C	$760.27

IPG V226

Model D-2 - Air Pressure Maintenance Device

Size	Part #	List Price
½" / DN15	07459	$1,336.01
DOMESTIC		
Size	**Part #**	**List Price**
½" / DN15	07459USA	$1,781.34

IPG V226

Dehydrator Package

Includes:
- Desiccant
- Mounting Brackets
- Nipples

1/4" (DN8)
16854 $1,798.84
Extra Desiccant*
16855 $407.29
**one unit fills dehydrator*

IPG V226

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
- corrosion resistant
- for use in salt water environments

Standard
03991C-18 $2,026.78
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	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

Model C-1
07848FB $57.92
Model C-2
07848CB $69.06

IPG V226

Operation Indicator

Includes:
- indoor and outdoor use
- corrosion resistant

1/2" (DN15)
02944A $66.82

IPG V226

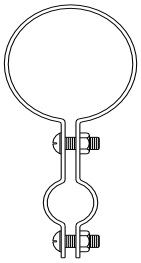
Adjustment Kit

Includes:
- indoor and outdoor use
- corrosion resistant

Model C-1 and C-2
01714A $203.64

IPG V226

Release Line Hangers IPG V226



(includes two screws/nuts)

1" / DN25	09574	$22.75
1¼" / DN32	09575	$22.75
1½" / DN40	09576	$22.75
2" / DN50	09577	$22.75
2½" / DN65	09578	$22.75
3" / DN80	09579	$22.75

3½" / 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*

Normally Closed *(rated to 250 psi (1724 kPa)*

		Part No.	List Price
Deluge & Preaction, SureFire			
NEMA 1,2,3,3S,4,4X	24 VDC	11601	$999.44
Explosion Proof			
NEMA 3,3S,4,4X,6,6P,7,9	24 VDC	11602	$1,670.31

Normally Closed *(rated to 300 psi (2068 kPa)*

Firecycle III, TotalPac & Special Application			
NEMA 2,3,3S,4,4X	24 VDC	11591	$1,276.06
NEMA 1,2,3,3S,4,4X	110 VAC/50 HZ	11593	$1,085.84
NEMA 1,2,3,3S,4,4X	120 VAC/60 HZ	11594	$1,476.63
Explosion Proof			
NEMA 3,3S,4,4X,6,6P,7,9	24 VDC	11592	$1,670.31
NEMA 3,3S,4,4X,6,6P,7,9	110 VAC/50 HZ	11594	$1,476.63
NEMA 3,3S,4,4X,6,6P,7,9	120 VAC/60 HZ	11594	$1,476.63
ATEX, EEx, mII, T4/T5	110 VAC/50 HZ	12359	$1,753.24
ATEX, EEx, mII, T4/T5	24 VDC	12360	$1,946.93

Normally Open *(rated to 300 psi (2068 kPa)*

Firecycle III			
NEMA 2,3,3S,4,4X	24 VDC	11595	$2,123.32
Surefire & TrimPac			
NEMA 2,3,3S,4,4X	24 VDC	13215	$2,123.32
Explosion Proof			
NEMA 3,3S,4,4X,6,6P,7,9	24 VDC	11596	$2,960.17
ATEX, EEx, mII, T4/T5	24 VDC	12358	$3,236.75

RELEASE CONTROL PANEL (VFR-400) — *IPG V241*

VFR-400 Release Control Panel

- Multi-hazard operation
- Features on board, menu driven programming
- Four Class B initiating circuits
- Two Class B supervisory circuits**
- Four Class B output circuits
- Programmable cross zoning
- 12 standard programs (program options for Viking preaction, deluge, Surefire® and Firecycle® systems)

Part No.	List Price
14152-1	$4,160.38

** see below for accessories and optional modules*

***Can be used for Supervisory, Tamper, Low Air or High Air*

Optional Modules / Accessories	Part No.	List Price
CA2Z Module (class A initiating device circuit):	14155	$248.38
CAM2 Module (class A indicating appliance circuit):	14156	$285.63
ARM-1/ARM-2 Module (auxiliary relay module):	14157	$360.15
RA-4410-RC (remote annunciator):	14154	$1,303.98
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

Batteries *(two required per panel)*

	Part No.	List Price
8 Amp	07920	$95.43
12 Amp	07921	P.O.A.
18 Amp	09867	P.O.A.

Battery Cabinet *(for 18 amp hr battery)*

Part No.	List Price
09866	$727.01

Alarm Devices

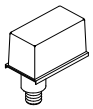
Alarm Pressure Switch - SR020

Adjustable Range (4-20 psi)

1/2" / DN50

Single SPDT	PS101A	$232.62
Dual SPDT	PS102A	$279.81

** Manufactured by Potter*



Explosion Proof

Dual SPDT	PS10-EX	$1,460.48
Dual SPDT	PS40EX	$1,460.48

** Cenelec approved*

Pressure Adj Access Key

10600 $28.54

Cover Removal Key

10601 $28.54

** Appropriate hex keys included with switches.*

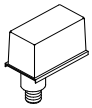
Pressure Supervisory Switch (Air, Nitrogen, Water) - *IPG SR020*

Adjustable Range (10-175 psi)

1/2" / DN50

Single SPDT	PS401A	$232.62
Dual SPDT	PS402A	$279.81

** Manufactured by Potter*



Cover Tamper Switch Kit

09601 $145.95

Explosion Proof

Dual SPDT	10379	$1,880.32

** Cenelec approved*

Pressure Adj Access Key

10600 $28.54

Cover Removal Key

10601 $28.54

** Appropriate hex keys included with switches.*

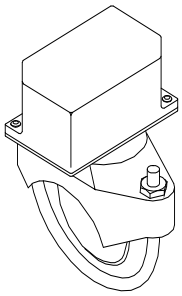
Flow Switch - *SR010*

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

Model F-2

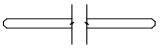
07862 $648.58

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)

IPG V233	1-1/2"	2"	2-1/2"	3"	4"	6"	8"
Thread X Thread	N/A	N/A	12402Q/B $6,433.28	N/A	N/A	N/A	N/A
Flange X Flange	N/A	N/A	N/A	12015Q/B $6,433.28	11960Q/B $8,607.19	11962Q/B $11,517.71	11992Q/B $24,111.59
Flange X Groove	N/A	N/A	N/A	12019Q/B $6,433.28	11959Q/B $8,607.19	11961Q/B $11,517.71	N/A
Groove X Groove	12127Q/B $4,766.38	12058Q/B $4,779.35	12404Q/B $6,433.28	12023Q/B $6,433.28	11514Q/B $8,607.19	11525Q/B $11,517.71	11118Q/B $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	08362Q/B $7,194.59	08363Q/B $9,358.37	08364Q/B $12,522.88	N/A
Flange X Groove	N/A	N/A	N/A	11064Q/B $7,194.59	11065Q/B $9,625.75	11001Q/B $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)*	14635-1 $3,353.17	14635-1 $3,353.17	14637-1 $3,281.51	14637-1 $3,281.51	14638-1 $3,433.76	14640-1 $3,441.82	14643-1 $4,985.62
Modular Trim *(incl. accessory pkg-09316)*	14635-1P $3,655.92	14635-1P $3,655.92	14637-1P $3,584.22	14637-1P $3,584.22	14638-1P $3,737.92	14640-1P $3,745.94	14643-1P $5,289.75

BRASS TRIMS - Conventional Deluge / Preaction Trim

Angle Style Valves

IPG V237	1-1/2"	2"	2-1/2"	3"	4"	6"	8"
Loose Trim *(incl. accessory pkg-09316)*	14629-2 $5,926.04	14630-2 $5,495.93	N/A	14631-2 $5,628.25	14632-2 $6,013.86	14633-2 $6,083.26	N/A
Modular Trim *(incl. accessory pkg-09316)*	14629-2P P.O.A.	14630-2P $5,813.38	N/A	14631-2P P.O.A.	14632-2P $6,331.30	14633-2P $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)*	14634-2 $5,659.12	14634-2 $5,659.12	14636-2 $5,374.73	14636-2 $5,374.73	14639-2 $5,742.96	14641-2 $5,809.24	14642-2 $7,238.40
Modular Trim *(incl. accessory pkg-09316)*	14634-2P $5,976.63	14634-2P $5,976.63	14636-2P $5,692.24	14636-2P $5,692.24	14639-2P $6,060.47	14641-2P $6,126.74	14642-2P P.O.A.

Straight Through Valves - HORIZONTAL

IPG V237	1-1/2"	2"	2-1/2"	3"	4"	6"	8"
Loose Trim *(incl. accessory pkg-09316)*	14635-2 $5,659.12	14635-2 $5,659.12	14637-2 $5,374.73	14637-2 $5,374.73	14638-2 $5,742.96	14640-2 $5,809.24	14643-2 $7,238.40
Modular Trim *(incl. accessory pkg-09316)*	14635-2P $5,976.63	14635-2P $5,976.63	14637-2P P.O.A.	14637-2P P.O.A.	14638-2P P.O.A.	14640-2P $6,126.74	14643-2P P.O.A.

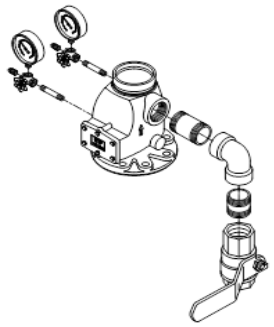
Special Valves and Trim

DOMESTIC TRIM [1] - Model F - Galvanized

Straight Through Valves - VERTICAL

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

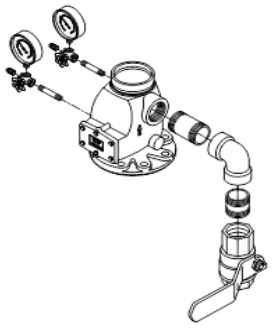
DOMESTIC TRIM - Easy Riser® System



** 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	*DOMESTIC [1]* Electric
IPG	*V239*	*V239*	*V239*	*V239*	*V239*
Loose Trim	10811	12661-2	10832	12662-2	10832USA
(releasing device not incl.)	$280.12	$233.83	$315.20	$1,491.94	$420.26
Modular Trim	10811-P	12661-2P	10832-P	12662-2P	10832USA-P
(releasing device not incl.)	P.O.A.	P.O.A.	P.O.A.	P.O.A.	P.O.A.

(1) Meets sourcing requirements of the Buy American Act, American Reinvestment and Recovery Act, and the Buy American Law. Contact customer service for availability.