



**Section P**  
**Flow Control and Pressure Regulation**

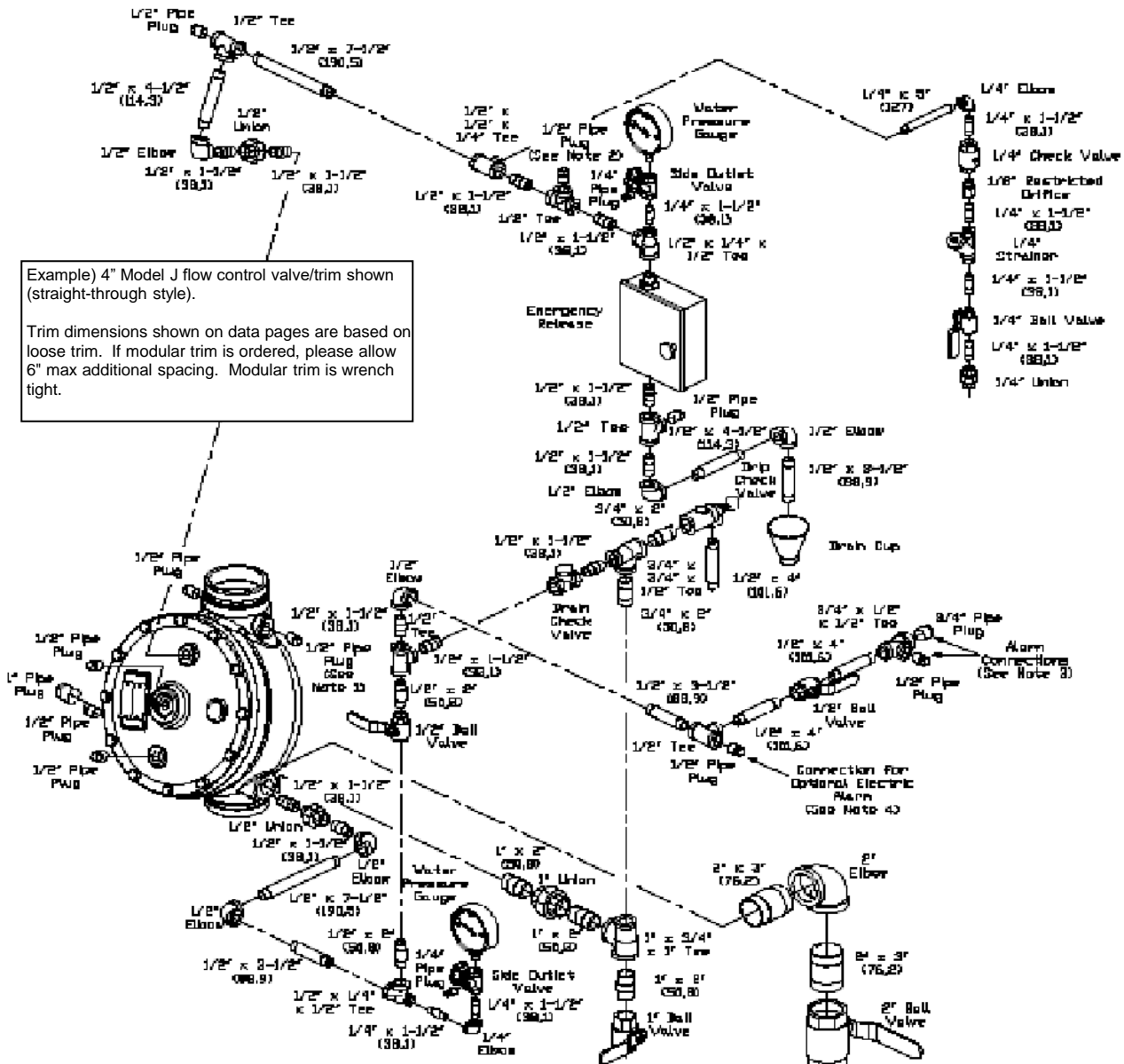
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**Notes**

1. Refer to Viking technical data pages for complete product specifications. You may print or download technical data by visiting [www.vikinggroupinc.com](http://www.vikinggroupinc.com).
2. List prices effective July 9, 2022. Supersedes February 2022 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> \$5,306.99	<u>12063</u> \$5,477.40	<u>12405</u> \$6,944.08	N/A	N/A	N/A	N/A
Flange X Flange	N/A	N/A	N/A	<u>12016</u> \$6,944.08	<u>11968</u> \$8,750.21	<u>11970</u> \$11,683.53	<u>11993</u> \$25,171.28
Flange X Groove	N/A	N/A	N/A	<u>12020</u> \$6,944.08	<u>11967</u> \$8,750.21	<u>11969</u> \$11,683.53	N/A
Groove X Groove	<u>12129</u> \$5,306.99	<u>12061</u> \$5,477.40	<u>12407</u> \$6,944.08	<u>12024</u> \$6,944.08	<u>11516</u> \$8,750.21	<u>11527</u> \$11,683.53	<u>11019</u> \$22,064.74

See page P-6-8 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"
<b>Straight-Through</b> <i>(includes release / trim)</i>	<u>12252C-1</u> \$6,336.44	<u>12252C-1</u> \$6,336.44	<u>12252C-1</u> \$6,336.44	<u>12252C-1</u> \$6,336.44	<u>12252C-1</u> \$6,336.44	<u>12252C-1</u> \$6,336.44	<u>12252C-1</u> \$6,336.44

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® <i>(order separately)</i>	11894-1	11894-2	11894-3	11894-3	11894-4	11894-4	11894-4
	\$738.33	\$597.20	\$676.78	\$676.78	\$868.61	\$868.61	\$868.61

1-1/2"	2"	2-1/2"	3"	4"	6"	8"
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**Vertical Trim (Straight Through) - Galvanized (IPG V245)**

<b>Loose Trim</b> <i>(incl. accessory pkg-09316)</i>	<u>12418-1</u> \$3,833.53	<u>12418-1</u> \$3,833.53	<u>12306-1</u> \$3,613.83	<u>12306-1</u> \$3,613.83	<u>11719-1</u> \$3,835.25	<u>11720-1</u> \$3,835.25	<u>14708-1</u> \$4,545.92
<b>Modular Trim</b> <i>(incl. accessory pkg-09316)</i>	<u>12418-1P</u> \$4,257.05	<u>12418-1P</u> \$4,257.05	<u>12306-1P</u> \$4,037.34	<u>12306-1P</u> \$4,037.34	<u>11719-1P</u> \$4,258.72	<u>11720-1P</u> \$4,258.72	<u>14708-1P</u> \$4,971.37

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

<b>Solenoid Valve</b>	<u>11601</u> \$1,345.64	<u>11601</u> \$1,345.64	<u>11601</u> \$1,345.64	<u>11601</u> \$1,345.64	<u>11601</u> \$1,345.64	<u>11601</u> \$1,345.64	<u>11601</u> \$1,345.64
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**Releasing Trim - Galvanized (IPG V238)**

<b>Loose Trim</b> <i>(releasing device not incl.)</i>	<u>10830</u> \$140.24	<u>10830</u> \$140.24	<u>10830</u> \$140.24	<u>10830</u> \$140.24	<u>10830</u> \$140.24	<u>10830</u> \$140.24	<u>10830</u> \$140.24
<b>Modular Trim</b> <i>(releasing device not incl.)</i>	<u>10830P</u> \$605.38	<u>10830P</u> \$605.38	<u>10830P</u> \$605.38	<u>10830P</u> \$605.38	<u>10830P</u> \$605.38	<u>10830P</u> \$605.38	<u>10830P</u> \$605.38
<b>Loose Trim - DOMESTIC</b> <i>(releasing device not incl.)</i>	<u>10830USA</u> \$186.96	<u>10830USA</u> \$186.96	<u>10830USA</u> \$186.96	<u>10830USA</u> \$186.96	<u>10830USA</u> \$186.96	<u>10830USA</u> \$186.96	<u>10830USA</u> \$186.96

Trim packages include flow control accessory package listed below (p/n 10685) - see package detail below

See page P-6-8 for additional valve and trim options, including Halar® coated valves, horizontal trim, and brass trim packages.

<b>Flow Control Valve Accessory Package (INCLUDED WITH TRIM)</b>		
<i>(all sizes)</i>	10685	\$3,102.90
corrosion resistant	09743	\$4,327.71
<b>Includes:</b>		
- 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		

<b>TrimPac® - Air Line Trim</b>		
<i>(not for use with Deluge TrimPac System)</i>		
Tank Mounted	13770	\$2,470.23
Tankless	13771	\$870.94
IPG V234		
<b>TrimPac® - Replacement Hose</b>		
PVC drain hose	12071	\$196.74
IPG V234		
<b>TrimPac® - Riser Mounting Kit</b>		
<i>(use when mounting TrimPac unit to riser)</i>		
Vertical	11900	\$1,366.22
Horizontal	11901	\$1,878.64
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"
<b>For Straight Through Valves - Vertical/Galvanized Trim (IPG V250)</b>							
Loose Trim	14746-1 \$8,215.91	14746-1 \$8,215.91	14747-1 \$8,300.85	14747-1 \$8,300.85	14748-1 \$8,682.43	14749-1 \$8,668.21	14713-1 \$8,680.47
Modular Trim	14746-1P \$8,754.07	14746-1P \$8,754.07	14747-1P \$8,840.36	14747-1P \$8,840.36	14748-1P \$9,227.81	14749-1P \$9,572.88	14713-1P \$9,585.82

**Pressure Regulating Trim for FLOW CONTROL SYSTEMS (includes conventional trim)**

	1-1/2"	2"	2-1/2"	3"	4"	6"	8"
<b>For Straight Through Valves - Vertical/Galvanized Trim (IPG V238)</b>							
Loose Trim	14768-1 \$8,668.11	14768-1 \$8,668.11	14769-1 \$8,757.75	14769-1 \$8,757.75	14770-1 \$9,160.30	14771-1 \$9,145.31	14772-1 \$9,158.26
Modular Trim	14768-1P \$9,095.70	14768-1P \$9,095.70	14769-1P \$9,185.34	14769-1P \$9,185.34	14770-1P \$9,587.88	14771-1P \$9,572.88	14772-1P \$9,585.82

	1-1/2"	2"	2-1/2"	3"	4"	6"	8"
<b>Releasing Devices (IPG V240)</b>							
Solenoid Valve	11601 \$1,345.64	11601 \$1,345.64	11601 \$1,345.64	11601 \$1,345.64	11601 \$1,345.64	11601 \$1,345.64	11601 \$1,345.64

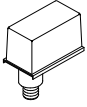

<b>Releasing Trim - Galvanized (IPG V238)</b>							
Loose Trim (releasing device not incl.)	10830 \$140.24	10830 \$140.24	10830 \$140.24	10830 \$140.24	10830 \$140.24	10830 \$140.24	10830 \$140.24
Modular Trim (releasing device not incl.)	10830P \$605.38	10830P \$605.38	10830P \$605.38	10830P \$605.38	10830P \$605.38	10830P \$605.38	10830P \$605.38

<b>Speed Control Assembly</b> use with conventional trim 	IPG V244	<b>Pilot Pressure Regulating Valve (C-2)</b>		<b>Speed Control Valve</b>	
	Galvanized 08780 \$2,219.48		10799 \$1,701.58	08313 \$577.49	
Stainless Steel 11192 \$13,060.54			IPG V244		IPG V249
Brass 11181 \$2,615.07				<b>Y Strainer</b>	
				1/2" / 15mm 01054A \$172.47	IPG V226

See page P-6-8 for additional valve and trim options, including Halar® coated valves, horizontal trim, and brass trim packages.

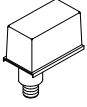

**Alarm Devices**

**Alarm Pressure Switch - SR020**

<u>Adjustable Range (4-20 psi)</u>			<u>Explosion Proof</u>		
<u>1/2" / DN50</u>			Dual SPDT	PS10-EX	\$1,894.79
Single SPDT	PS101A	\$269.05	Dual SPDT	PS40EX	\$1,894.79
Dual SPDT	PS102A	\$324.36	* Cenelec approved		
	* Manufactured by Potter			<u>Pressure Adj Access Key</u>	
				10600	\$38.42
				<u>Cover Removal Key</u>	
				10601	\$38.42

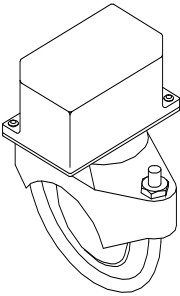
\* Appropriate hex keys included with switches.

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




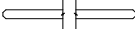


<u>Adjustable Range (10-175 psi)</u>			<u>Explosion Proof</u>		
<u>1/2" / DN50</u>			Dual SPDT	10379	\$2,531.67
Single SPDT	PS401A	\$269.05	* Cenelec approved		
Dual SPDT	PS402A	\$324.36	<u>Pressure Adj Access Key</u>		
	* Manufactured by Potter			10600	\$38.42
	<u>Cover Tamper Switch Kit</u>			<u>Cover Removal Key</u>	
	09601	\$196.51		10601	\$38.42

\* Appropriate hex keys included with switches.

**Flow Switch - SR010**

<u>Waterflow Indicators</u>			
(adjustable retard up to 120 sec. - 2 SPDT contacts)			
<u>Model VSR</u>			
1-2" / DN40	VSRF0100	\$390.46	
2" / DN50	VSRF0200	\$422.48	
2½" / DN65	VSRF0250	\$422.48	
3" / DN80	VSRF0300	\$422.48	
3½" / DN90	VSRF0350	\$422.48	
4" / DN100	VSRF0400	\$422.48	
5" / DN125	VSRF0500	\$422.48	
6" / DN150	VSRF0600	\$422.48	
8" / DN200	VSRF0800	\$473.72	

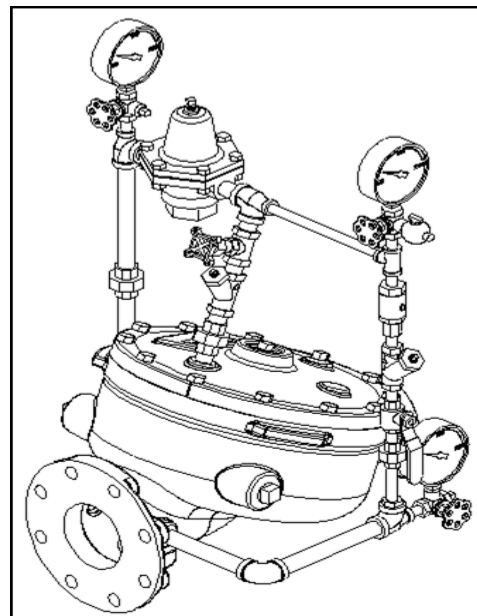
**Water Motor Alarm and Accessories - IPG V226**

	<u>Water Motor Alarm</u>	<u>Closure Plate</u>
	Model F-2	
07862	\$873.25	05820B
		\$178.23
	<u>Adjustable Shaft</u>	<u>Alarm Line Y Strainer</u>
(wall thickness up to 30-1/4 in / 768 mm)		
03312B	\$171.00	<u>3/4" (DN20)</u>
		01489A
		\$260.03
	<u>Extension Cup</u>	
	05957B	
	\$142.59	

**Pilot Operated Pressure Control Valves**

DESCRIPTION	Nominal Size	Part No.	List Price	DESCRIPTION	Nominal Size	Part No.	List Price
<b>Pilot Operated Pressure Control Valves</b>	Use with Straight Through Valves			<b>Pilot Operated Pressure Control Valves</b>	Use with Straight Through Valves		
Includes trim UL Listed/FM Approved				Halar® Coated (includes trim) UL Listed/FM Approved			
<b>Model B-1</b>				<b>Model B-3</b>			
Vertical	Galvanized			Vertical	Brass		
<b>Threaded</b>	2" / DN50	12793	\$7,558	<b>Flange/Flange</b>	4" / DN100	13540	\$53,049
<b>Flange/Flange</b>	4" / DN100	12802	\$17,086		6" / DN150	13543	\$68,034
	6" / DN150	12805	\$21,968		8" / DN200	13545	\$84,857
	8" / DN200	12807	\$27,559	<b>Flange/Groove</b>	4" / DN100	13539	\$52,942
<b>Flange/Groove</b>	4" / DN100	12801	\$17,051		6" / DN150	13542	\$67,374
	6" / DN150	12804	\$21,751	<b>Groove/Groove</b>	1½" / DN40	13532	\$22,651
<b>Groove/Groove</b>	1½" / DN40	12792	\$7,463		2" / DN50	13533	\$22,941
	2" / DN50	12794	\$7,558		4" / DN100	13538	\$54,586
					6" / DN150	13541	\$66,972
					8" / DN200	13544	\$81,144
IPG V238	4" / DN100	12800	\$10,972				
	6" / DN150	12803	\$21,619	<b>Flange/Flange</b>	Horizontal	Brass	
	8" / DN200	12806	\$26,339		4" / DN100	13526	\$31,917
<b>Threaded</b>	Galvanized				6" / DN150	13529	\$68,212
	1½" / DN40	12774	\$7,448		8" / DN200	13531	\$85,286
	2" / DN50	12776	\$7,543	<b>Flange/Groove</b>	4" / DN100	13525	\$31,810
<b>Flange/Flange</b>	4" / DN100	12785	\$9,902		6" / DN150	13528	\$67,551
	6" / DN150	12788	\$21,972	<b>Groove/Groove</b>	1½" / DN40	13518	\$22,697
	8" / DN200	12790	\$27,565		2" / DN50	13519	\$22,988
<b>Flange/Groove</b>	4" / DN100	12784	\$10,458		4" / DN100	13524	\$33,454
	6" / DN150	12787	\$21,755		6" / DN150	13527	\$67,149
<b>Groove/Groove</b>	1½" / DN40	12775	\$7,448		8" / DN200	13530	\$81,573
	2" / DN50	12777	\$7,543				
	4" / DN100	12783	\$10,998	IPG V239			
	6" / DN150	12786	\$21,623				
	8" / DN200	12789	\$26,345				
IPG V238							

**Model B-1 - Horizontal  
Flange/Flange**



**FLOW CONTROL - Special Valves and Trim**

**Halar® Coated Flow Control Valves**

**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> \$10,504.32	N/A	N/A	N/A	N/A
Flange X Flange	N/A	N/A	N/A	<u>12017Q/B</u> \$10,504.32	<u>11977Q/B</u> \$13,028.29	<u>11979Q/B</u> \$17,352.18	<u>11994Q/B</u> \$34,335.36
Flange X Groove	N/A	N/A	N/A	<u>12021Q/B</u> \$10,504.32	<u>11976Q/B</u> \$13,028.29	<u>11978Q/B</u> \$17,352.18	N/A
Groove X Groove	<u>12131Q/B</u> \$8,237.62	<u>12062Q/B</u> \$8,259.95	<u>12408Q/B</u> \$10,504.32	<u>12025Q/B</u> \$10,504.32	<u>11517Q/B</u> \$13,028.29	<u>11528Q/B</u> \$17,352.18	<u>11119Q/B</u> \$33,437.67

**HORIZONTAL TRIM - Flow Control**

**Galvanized (use with straight through valves)**

IPG V245	1-1/2"	2"	2-1/2"	3"	4"	6"	8"
<u>Loose Trim</u> (incl. accessory pkg-09316)	<u>12419-1</u> \$3,833.53	<u>12419-1</u> \$3,833.53	<u>12307-1</u> \$3,613.83	<u>12307-1</u> \$3,613.83	<u>11941-1</u> \$3,835.25	<u>11942-1</u> \$3,835.25	<u>14707-1</u> \$4,545.92
<u>Modular Trim</u> (incl. accessory pkg-09316)	<u>12419-1P</u> \$4,224.93	<u>12419-1P</u> \$4,224.93	<u>12307-1P</u> P.O.A.	<u>12307-1P</u> P.O.A.	<u>11941-1P</u> \$4,258.72	<u>11942-1P</u> \$4,258.72	<u>14707-1P</u> \$4,971.37

**BRASS TRIMS - Flow Control**

**Straight Through Valves - VERTICAL**

IPG V246	1-1/2"	2"	2-1/2"	3"	4"	6"	8"
<u>Loose Trim</u> (incl. accessory pkg-09316)	<u>12418-2</u> \$6,045.07	<u>12418-2</u> \$6,045.07	<u>12306-2</u> \$5,786.31	<u>12306-2</u> \$5,786.31	<u>11719-2</u> \$6,332.48	<u>11720-2</u> \$6,401.36	<u>14708-2</u> \$7,766.64
<u>Modular Trim</u> (incl. accessory pkg-09316)	<u>12418-2P</u> \$6,484.88	<u>12418-2P</u> \$6,484.88	<u>12306-2P</u> \$6,226.07	<u>12306-2P</u> \$6,226.07	<u>11719-2P</u> \$6,772.26	<u>11720-2P</u> \$6,841.14	<u>14708-2P</u> \$8,206.40

**Straight Through Valves - HORIZONTAL**

IPG V246	1-1/2"	2"	2-1/2"	3"	4"	6"	8"
<u>Loose Trim</u> (incl. accessory pkg-09316)	<u>12419-2</u> \$6,045.07	<u>12419-2</u> \$6,045.07	<u>12307-2</u> \$5,786.31	<u>12307-2</u> \$5,786.31	<u>11941-2</u> \$6,332.48	<u>11942-2</u> \$6,401.36	<u>14707-2</u> \$7,766.64
<u>Modular Trim</u> (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> \$6,772.26	<u>11942-2P</u> \$6,841.14	<u>14707-2P</u> \$8,206.40

**Special Valves and Trim**

**BRASS - Releasing Trims**

IPG V239	Pneumatic	Electric	Electric	Pneumatic	Pneumatic	<u>DOMESTIC<sup>1</sup></u>
		Pneumatic				Electric
<u>Loose Trim</u> <i>(releasing device not incl.)</i>	<u>10811</u> \$370.11	<u>12661-2</u> \$308.95	<u>10832</u> \$416.45	<u>12662-2</u> \$1,971.20		<u>10832USA</u> \$555.26
<u>Modular Trim</u> <i>(releasing device not incl.)</i>	<u>10811P</u> \$809.80	<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> \$8,197.47	<u>14750-1</u> \$8,197.47	<u>14751-1</u> \$8,295.43	<u>14751-1</u> \$8,295.43	<u>14752-1</u> \$8,615.91	<u>14753-1</u> \$8,549.65	<u>14714-1</u> \$8,657.53
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> \$9,021.18	<u>14753-1P</u> \$8,954.92	<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> \$10,289.33	<u>14746-2</u> \$10,289.33	<u>14747-2</u> \$10,597.22	<u>14747-2</u> \$10,597.22	<u>14748-2</u> \$11,359.63	<u>14749-2</u> \$11,302.98	<u>14713-2</u> \$11,302.05
Modular Trim	<u>14746-2P</u> \$10,716.83	<u>14746-2P</u> \$10,716.83	<u>14747-2P</u> \$11,024.73	<u>14747-2P</u> \$11,024.73	<u>14748-2P</u> \$11,787.11	<u>14749-2P</u> P.O.A.	<u>14713-2P</u> P.O.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> \$10,585.23	<u>14768-2</u> \$10,585.23	<u>14769-2</u> \$10,901.97	<u>14769-2</u> \$10,901.97	<u>14770-2</u> \$11,686.28	<u>14771-2</u> \$11,627.99	<u>14772-2</u> \$11,627.05
Modular Trim	<u>14768-2P</u> \$11,025.02	<u>14768-2P</u> \$11,025.02	<u>14769-2P</u> \$11,297.02	<u>14769-2P</u> \$11,297.02	<u>14770-2P</u> \$12,126.04	<u>14771-2P</u> \$11,732.59	<u>14772-2P</u> P.O.A.

**DOMESTIC<sup>1</sup> 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	N/A	N/A	N/A	N/A	<u>14770-2USA</u> \$15,581.71	<u>14771-2USA</u> \$15,503.99	<u>14772-2USA</u> \$15,502.73
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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.