

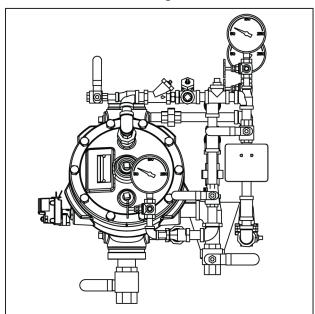
PILOT REGULATING FLOW CONTROL TRIM

3" (DN80) MODEL J FLOW CONTROL VALVE

The Viking Corporation, 210 N Industrial Park Drive, Hastings MI 49058

Telephone: 269-945-9501 Technical Services: 877-384-5464 Fax: 269-818-1680 Email: techsvcs@vikingcorp.com

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This Trim Chart is for use with the following Viking Trim Sets					
Valve Size	Galvanized Trim Part No.	Brass Trim Part No.	Stainless Steel Part No.		
3" (DN80)	26551-1	26551-2	26551-3		
	•				

This trim is for use with the following Release Module Trim Kits

Release Type	Galvanized	Brass	Stainless Steel
Electric	10830	10832	10831

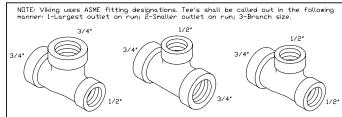
Note: Nipple lengths for brass trim may vary from those shown on this Trim Chart.



Notes: For use with Trim Charts on Pages 2 and 3

General Notes:

- Valve must be trimmed as shown. Any deviation from trim size or arrangement may affect the proper operation of the valve.
- · Dimensions in parenthesis are millimeters.
- Viking uses ANSI tee designations (large outlet on run, small outlet on run, side outlet) in all trim call-outs.



- Note 1: Release System connection.
- Note 2: Alarm Connections: Connect alarm line piping to 3/4" (20 mm) NPT outlet. When using a Water Motor Alarm, a strainer is required. 1/2" (15 mm) NPT outlet is for electric Alarm Pressure Switch.
- **Note 3:** Optional non-interruptible connection for Alarm Pressure Switch to activate electric alarm panel. Note: After the Deluge Valve trips, this location cannot be shut off. Alarms may operate until the outlet chamber of the deluge valve is de-pressurized below the set point of the Alarm Pressure Switch.
- **Note 4:** Viking Drain Check Valve is manufactured with a 0.067" (1.7 mm) orifice to allow alarm line to drain. Do not substitute. Check label for proper orientation.



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			25 ALARM CONNECTIONS
ITEM	BOM DESCRIPTION	QTY.	
1	NIPPLE, 1/4" X 1-1/2"	9	SEE NOTE 2
2	NIPPLE, 1/2" X 1-1/2"	- 11	28
3	NIPPLE, 1/2" X 2"	7	10 10 15
4	NIPPLE, 1/2" X 2-1/2"	2	SEE DESCRIPTION OF THE PROPERTY OF THE PROPERT
5	NIPPLE, 1/2" X 3-1/2"	1	NOTE 3 22 22 34 90 324
6	NIPPLE, 1/2" X 4"	3	36 36 34 14 9 5 5 30 34 19
7	NIPPLE, 1/2" X 3"	1	32 38 00 00 10 6
8	NIPPLE, 1/2" X 6"	2	
9	NIPPLE, 1/2" X 10"	1	20 1 20 23
10	NIPPLE, 3/4" X 2"	3	1 33 3 3 9.
11	NIPPLE, 1" X 3"	2	
12	NIPPLE, 1-1/4" X 3"	2	43 Drain CHECK
13	PLUG, 1/4"	4	370 2 SEE NOTE 4 (7)
14	PLUG, 1/2"	9	19 2 2 20 20
15	PLUG, 3/4"	1	
16	ELBOW, 1/4"	i	
17	ELBOW, 1/2"	5	
18	ELBOW, 1-1/4"	1	
19	REDUCING BUSHING, 3/4" X 1/2"	T i	
20	TEE, 1/2"	5	$\frac{1}{2}$
21	TEE, 1/2" X 1/4" X 1/2"	5	
22	TEE, 3/4" X 1/2" X 1/2"	1	14 12 39 10 11 11 12 12
23	TEE, 3/4" X 1/2" X 3/4"	i	14 00 17 13 17 14 17 17 17 17 17 17 17 17 17 17 17 17 17
24	TEE, 1" X 3/4" X 1"	T i	
25	UNION, 1/4"	T i	
26	UNION, 1/2"	4	
27	UNION, 3/4"	1	
28	BALL VALVE, 1/4"	2	RELEASE CONNECTION 21 P & 26 30 T
29	BALL VALVE, 1/2"	3	SEE NOTE 1 P
30	BALL VALVE, 1"	1	3 U 💇 1 4 🛇 🐷
31	BALL VALVE, 1-1/4"	- 	13 1 21 30
32	CHECK VALVE, 1/4"	- 	29
33	DRAIN CHECK VALVE	 	
34	DRIP CHECK VALVE	T i	RELEASE 16 31
35	DRAIN CUP	T i	B DELEACE D
36	PRESSURE GAUGE, WATER	3	8 COMMECTION FILOT REGULATOR 1
37	RESTRICTION, .0625	1	EMERGENCY RELEASE CONNECTION VALVE
38	RESTRICTION, 1/16"	T i	PLACARD 44 SEE NOTE 1
39	SIDE OUTLET VALVE, 1/4"	3	1 . [·] \forall / .
40	STRAINER, 1/4"	1	
41	STRAINER, 1/2"	i	20 14 13
42	PILOT PRESSURE REGULATOR	i	
43	PRESSURE RELIEF VALVE	i	1 2 42
44	EMERGENCY RELEASE TAG KIT	 	1 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
	LIVILIOLING I RELEASE ING KII	1 1	I

Refer to page 1 for General Notes and Notes 1 through 4. Order Flow Control Valve Separately

Figure 1
3" Pilot Regulating Trim for Model J Flow Control Valve
(Part Numbers 26551-1 and 26551-2)



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	1		
ITEM	BOM DESCRIPTION	QTY	24 ALARM CONNECTIONS 14 & SEE NOTE 2
1	NIPPLE, 1/4" X 1-1/2"	9	14 S SEE NOTE 2
2	NIPPLE, 1/2" X 1-1/2"	11	
3	NIPPLE, 1/2" X 2"	7	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
4	NIPPLE, 1/2" X 2-1/2"	2	
5	NIPPLE, 1/2" X 3"	1	14 33
6	NIPPLE, 1/2" X 3-1/2"	1	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
7	NIPPLE, 1/2" X 4"	3	
8	NIPPLE, 1/2" X 6"	2	
9	NIPPLE, 1/2" X 10"	1	21 18 22 19 2
10	NIPPLE, 3/4" X 2"	3	
11	NIPPLE, 1" X 3"	2	
12	NIPPLE, 1-1/4" X 3"	2	DRAIN CHECK
13	PLUG, 1/4"	1	4 37 2 SEE NOTE 4 (+1)
14	PLUG, 1/2"	10	17 2 36 36 21 21 36 21
15	ELBOW, 1/4"	1	
16	ELBOW, 1/2"	5	
17	ELBOW, 1-1/4"	1	
18	REDUCING BUSHING, 1/2" X 1/4"	5	
19	REDUCING BUSHING, 3/4" X 1/2"	2	
20	REDUCING BUSHING, 1" X 3/4"	1	
21	TEE, 1/2"	11	
22	TEE, 3/4"	1	
23	TEE, 1"	1	14
24	UNION, 1/4"	1	
25	UNION, 1/2"	4	
26	UNION, 3/4"	1	
27	BALL VALVE, 1/4"	5	RELEASE CONNECTION 21 35 25 3 16 D
28	BALL VALVE, 1/2" BALL VALVE, 1"	3	SEE NOTE 1 2 27 2 20 12 12 12 12 12 12 12 12 12 12 12 12 12
29	BALL VALVE, 1-1/4"	1	3 SEE NOTE 1 3 1 27 7 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
30		+	
32	CHECK VALVE, 1/4" DRAIN CHECK VALVE	1	
33	DRIP CHECK VALVE	1	EMERGENCY 28 PT 10 29
34	DRAIN CUP	1	T RELEASE 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
35	PRESSURE GAUGE, WATER	3	
36	RESTRICTION, .0625	1	RELEASE 3
37	RESTRICTION, 1/16"	- 	EMERGENCY RELEASE CONNECTION PILOT REGULATOR
38	STRAINER, 1/4"	- i	PLACARD 8 SEE NOTE 1 VALVE
39	STRAINER, 1/2"	- l i	16
40	PILOT PRESSURE REGULATOR	i i	
41	PRESSURE RELIEF VALVE	l i	
42	EMERGENCY RELEASE TAG KIT	- li	210 13
		- + '	40 13
			29
	1		, and the second of the second

Refer to page 1 for General Notes and Notes 1 through 4. Order Flow Control Valve Separately

Figure 2
3" Pilot Regulating Trim for Model J Flow Control Valve
(Part Number 26551-3)



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