August 1, 2008 Flow Control Trim 511a



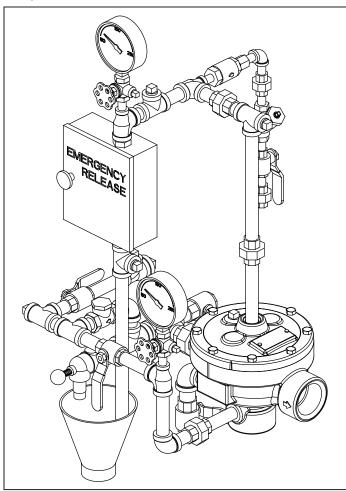
TECHNICAL DATA

FLOW CONTROL TRIM

2" (DN50) MODEL H ANGLE STYLE VALVE

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

Telephone: 269-945-9501 Technical Services 877-384-5464 Fax: 269-945-4495 Email: techsvcs@vikingcorp.com



This Trim Chart is for use with the following Viking Trim Sets		
Valve Size	Galvanized* Trim Part No.	Brass** Trim Part No.
2" (DN50)	14703-1	14703-2
This Trim is for use with the following Release Module Trim Kits		
Release Type	Galvanized*	Brass**
Electric	10830	10832
Pneumatic	10809	10811
Electric/Pneumatic	12661-1	12661-2
Pneumatic/	12662-1	12662-2

^{*} Standard Trim sets for Model H Flow Control Valves consist of galvanized nipples and fittings.

Pneumatic

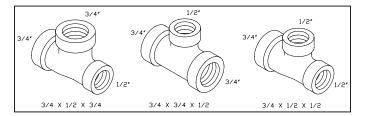
Note: Nipple lengths for brass trim may vary from those shown on this Trim Chart.

Notes: For use with Trim Chart on Page 511 b

Note: When viewing this data page online, blue text represents hyper links and will open the appropriate data page when clicked.

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 parentheses are millimeter.
- · Viking uses ANSI tee designations in all trim call-outs.



- Note 1: Release System connection. Viking Deluge and Flow Control Valves are compatible with hydraulic, pneumatic, and electric release systems. A Pneumatic Actuator is required on all Viking Deluge Valves and Flow Control Valves equipped with Pneumatic Release Systems.
- 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-interuptable connection for Alarm Pressure Switch to activate electric alarm panel. Note: After the Flow Control Valve trips, this location cannot be shut off. Alarms may operate until the outlet chamber of the Flow Control Valve is depressurized below the set point of the Alarm Pressure Switch.

^{**}Refer to Technical Data describing the Halar® Coated Flow Control Valve and the Viking Foam System Engineering Design Data book for applications where brass trim is recommended.

Flow Control Trim 511b August 1, 2008



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Available since 2008

WATER PRESSURE **GAUGE** 1/4 x 1-1/2" (38) **(1)** ELBOW 1/4" **RESTRICTED ORIFICE 1/8"** 1/4 x 1-1/2" (38) PLUG 1/2" SEE NOTE 1 1/4 x 1-1/2" (38) Refer to page 511a M UNION 1/4" 1/2 X 1/4 X 1/2 for General Notes and PLUG P VALVE 1/4" SIDE OUTLET 1/4 x 1-1/2" (38) VALVE Notes 1 through 3. 1/2 x 2" (51) 1/4" 1/2 X 2-1/2" (64) 1/2 x 1-1/2" (38) STRAINER 1/4" 1/4 x 1-1/2" (38) TEE 1/2" **UNION 1/2"** 1/4 x 1-1/2" (38) 1/2 x 1-1/2" (38) 1/2 X 1/4 X 1/2 TEE 1/2 PLUĞ 1/2" BALL VALVE 1/4" ALARM 1/4 x 1-1/2" (38) CONNECTIONS **EMERGENCY** SEE NOTE 2 RELEASE ASS'Y PLUG 1/2" **UNION 1/4"** 3/4" 1/2 x 9" (229) 3/4 x 1/2 x 1/2 BALL VALVE 3/4" 1/2 x 4" (102) 3/4 x 2" (51 1/2 x 1-1/2" (38) 1/2" SEE NOTE 1 PLUG **BALL VALVE 1/2** ELBOW 1/2" SEE NOTE 3 NOTE 1 1/2 x 2" (51) TEE 3/4" PLUG 1/2" TEE 1/2' UNION 1/2" UNION 3/4" 1/2 x 1-1/2" 3/4 x 2" (51) 0 O) 1-1/2" TEE 1/2" DRAIN (38) (38) WATER 1/2 x 1-1/2" (38) CHECK CLOSE TEE 1/2 **PRESSURE** 1/2 x 5-1/2" (140) 3/4 x 3/4 x 1/2 SIDE **GAUGE** OUTLET 1/2 X 12' DRIP CHECK VALVE PLUG 1/2" (305)VALVE PLUG 1/4" B 1/2 X 2-1/2" (64) 3/4" 1/4 x **ELBOW** 1-1/2" BALL VALVE 1/2' (38)1/2 x 3-1/2" (89 1/2 x 2" (51) 1/2 X 1/4 X 1/2 ,3/4 х 2' 3/4 x 4" (102) (51)1/2 x 4" (102) BALL VATVE 3-1/2" (89) DRAIN CUP **UNION 1/2"** 1/2 x 2" (51) ELBOW 1/2"

Order Flow Control Valve separately

August 1, 2008 Flow Control Trim 511c

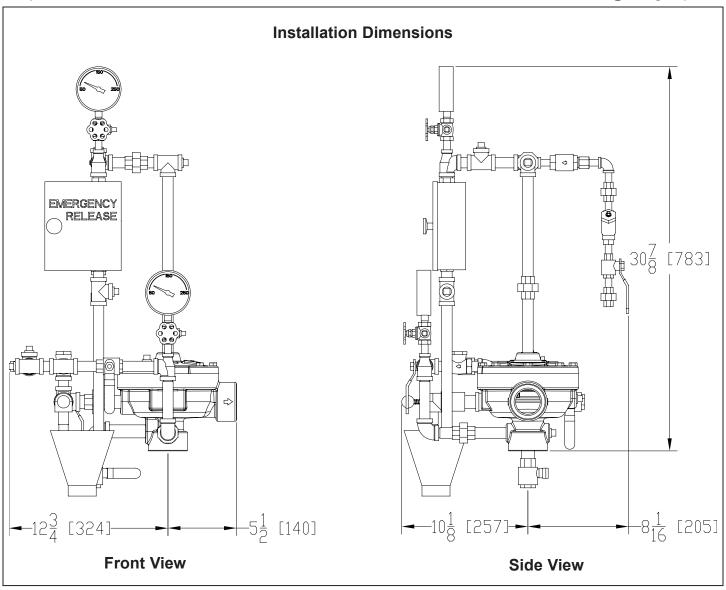


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