Technological Data

PILOT REGULATING
FLOW CONTROL TRIM
4" (DN100) 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
Visit the Viking website for the latest edition of this technical data page: www.vikinggroupinc.com

Notes: For use with Trim Charts on Page 2

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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Order Flow Control Valve Separately

Figure 1
4" Pilot Regulating Trim for Model J Flow Control Valve

Refer to page 1 for General Notes and Notes 1 through 4.
Figure 2 - Installation Dimensions