**PILOT REGULATING FLOW CONTROL HORIZONTAL TRIM**

1-1/2" & 2" (DN40 & DN50) MODEL J

FLOW CONTROL VALVE

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**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 flow control valve trips, this location cannot be shut off. Alarms may operate until the outlet chamber of the flow control 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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Refer to page 1 for General Notes and Notes 1 through 4.
Order Flow Control Valve Separately

Figure 1
1-1/2” & 2” Pilot Regulating Flow Control Trim for Model J Flow Control Valve
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Figure 2 - Installation Dimensions