**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 and may be approximations.

**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-interruptible connection for Alarm Pressure Switch to activate electric alarm panel**

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.

**Note 5: Inlet side of PORV is connected to the top chamber of the deluge valve.**

Inlet of PORV should be facing up. Outlet goes to open drain.

---

**Figure 1**

Notes: For use with Trim Charts on Page 2
Refer to page 1 for General Notes and Notes 1 through 5.

Order Deluge Valve Separately

Figure 2
6” Deluge Valve Trim
Figure 3a:
Installation Dimensions
Figure 3b:
Installation Dimensions