PILOT REGULATING
DELUGE TRIM
6” (DN150) MODEL J
VERTICAL FLOW CONTROL VALVE

Order Flow Control Valve separately

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 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. Viking Flow Control Valves are compatible with hydraulic, pneumatic, and electric release systems. A pneumatic actuator is required on all Viking 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. 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.

Notes: For use with Trim Chart on Page 2

This Trim Chart is for use with the following Viking Trim Sets

<table>
<thead>
<tr>
<th>Valve Size</th>
<th>Galvanized Trim Part No.</th>
<th>Brass Trim Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>6” (DN150)</td>
<td>14749-1</td>
<td>14749-2</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Release Type</th>
<th>Galvanized*</th>
<th>Brass**</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electric</td>
<td>10830</td>
<td>10832</td>
</tr>
<tr>
<td>Pneumatic</td>
<td>10809</td>
<td>10811</td>
</tr>
</tbody>
</table>

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

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

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Form No. F_012108  19.07.11  19.1

Replaces Form No. 012108 Rev. P65
(Replaced pressure relief valve with plug; revised trim specifications.)
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DELUGE TRIM
6" (DN150) MODEL J
VERTICAL FLOW CONTROL VALVE

Installation Dimensions

Front View

Side View

Replaces Form No. 012108 Rev. P65
(Replaced pressure relief valve with plug; revised trim specifications.)