PILOT REGULATING FLOW
CONTROL HORIZONTAL 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

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>4&quot; (DN100)</td>
<td>14775-1</td>
<td>14775-2</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>
</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 hyper links and will open the appropriate data page when clicked.

WARNING: Cancer and Reproductive Harm—www.P65Warnings.ca.gov

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.

Form No. F_101613 19.07.11 19.1

Replaces Form No F_101613, dated October 14, 2013 (Added P65 Warning. Replaced pressure relief valve with plug.)
Refer to page 1 for General Notes and Notes 1 through 4.
Order Flow Control Valve Separately

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

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Figure 2 - Installation Dimensions

(Added P65 Warning. Replaced pressure relief valve with plug.)