**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. 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.

**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.

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**Order Deluge Valve Separately**

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**Figure 1**

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**Notes:** For use with Trim Charts on Page 242j

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

<table>
<thead>
<tr>
<th>Valve Size</th>
<th>Stainless Steel Trim Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>8&quot; (DN200)</td>
<td>14657</td>
</tr>
</tbody>
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Form No. F_052908

Replaces page 242i-k, dated August 1, 2008. (Updated to new PORV and added dimensions to Figures 3a and 3b.)
Refer to page 242i for General Notes and Notes 1 through 5.

Order Deluge Valve Separately

Figure 2

8" Deluge Valve Stainless Steel Trim
Figure 3a: Installation Dimensions
Figure 3b: Installation Dimensions

Replaces page 242i-k, dated August 1, 2008. (Updated to new PORV and added dimensions to Figures 3a and 3b.)