1.0 PRODUCT DESCRIPTION

### RESIDENTIAL DOMED CONCEALED PENDENT SPRINKLER

<table>
<thead>
<tr>
<th>SIN</th>
<th>V2742</th>
</tr>
</thead>
<tbody>
<tr>
<td>ORIENTATION</td>
<td>DOMED CONCEALED PENDENT</td>
</tr>
<tr>
<td>K-FACTOR1</td>
<td>4.9 Imp./7.1 S.I.</td>
</tr>
<tr>
<td>CONNECTION</td>
<td>½&quot; NPT/15 mm</td>
</tr>
<tr>
<td>MAX. WORKING PRESSURE</td>
<td>175 psi (1200 kPa)</td>
</tr>
<tr>
<td>GLOBE EQUIVALENT</td>
<td>GL4947</td>
</tr>
</tbody>
</table>

### AVAILABLE WRENCHES

<table>
<thead>
<tr>
<th>SPRINKLER</th>
<th>V27 Concealed</th>
</tr>
</thead>
<tbody>
<tr>
<td>V2742</td>
<td></td>
</tr>
</tbody>
</table>

**Factory Hydrostatic Test:** 100% @ 500 psi/3447 kPa/34 bar

**Min. Operating Pressure:** UL: 7 psi/48 kPa/.5 bar

**Temperature Rating:** See tables in section 2.0

1 For K-Factor when pressure is measured in bar, multiply S.I. units by 10.0.
## 2.0 CERTIFICATION/LISTINGS

<table>
<thead>
<tr>
<th>SIN</th>
<th>Nominal K Factor</th>
<th>Listing Agency/Approved Temperature Ratings</th>
<th>Max. Coverage Area Width x Length Ft. x Ft m x m</th>
<th>Flow GPM L/min</th>
<th>Pressure PSI kPa</th>
<th>Adjustment in mm</th>
<th>Deflector to Ceiling/Mounting Surface Distance (mm)</th>
<th>Minimum Spacing Ft. m</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Imperial</td>
<td>S.I.2</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Smooth Ceilings (See appropriate installation detail below)</td>
<td></td>
</tr>
<tr>
<td>V2742</td>
<td>4.9</td>
<td>7.1</td>
<td>12 x 12 3.7 x 3.7</td>
<td>13</td>
<td>7.0</td>
<td>48</td>
<td>1/8 11 Smooth Ceilings (See appropriate installation detail below)</td>
<td>8 2.4</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>14 x 14 4.3 x 4.3</td>
<td>13</td>
<td>7.0</td>
<td>48</td>
<td>OR Beamed Ceilings: Installed within the Beam in accordance with NFPA 13, 13D, or 13R (Max Beam Depth Depends on Edition of Standard)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>16 x 16 4.9 x 4.9</td>
<td>13</td>
<td>7.0</td>
<td>48</td>
<td>Smooth Ceilings (See appropriate installation detail below)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>18 x 18 5.5 x 5.5</td>
<td>17</td>
<td>12.0</td>
<td>83</td>
<td>OR Beamed Ceilings: Installed within the Beam in accordance with NFPA 13, 13D, or 13R (Max Beam Depth Depends on Edition of Standard)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>20 x 20 6.1 x 6.1</td>
<td>20</td>
<td>16.7</td>
<td>115</td>
<td>Smooth Ceilings (See appropriate installation detail below)</td>
<td></td>
</tr>
</tbody>
</table>

2 For K-Factor when pressure is measured in Bar, multiply S.I. units by 10.

### NOTE
- Listings and approval as of printing.

## 3.0 SPECIFICATIONS – MATERIAL

**Deflector:** Bronze  
**Bulb Nominal Diameter:** 3.0 mm  
**Load Screw:** Brass  
**Pip Cap:** Brass  
**Spring Seal:** PTFE coated Beryllium nickel alloy  
**Frame:** Brass  
**Lodgement Spring:** Stainless steel  
**Concealed Cup:** Steel  
**Cover Plate:** Steel  
**Installation Wrench:** Ductile Iron  

**Cover Plate Finishes:**
- Chrome plated  
- White painted  
- Bright white painted  
- Flat black painted  
- Custom painted

### NOTE
- For cabinets and other accessories refer to separate sheet.
4.0 DIMENSIONS

5.0 PERFORMANCE

Sprinkler is to be installed and designed as per NFPA, FM Datasheets, or any local standards.
User Responsibility for Product Selection and Suitability
Each user bears final responsibility for making a determination as to the suitability of Victaulic products for a particular end-use application, in accordance with industry standards and project specifications, as well as Victaulic performance, maintenance, safety, and warning instructions. Nothing in this or any other document, nor any verbal recommendation, advice, or opinion from any Victaulic employee, shall be deemed to alter, vary, supersede, or waive any provision of Victaulic Company’s standard conditions of sale, installation guide, or this disclaimer.

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7.0 REFERENCE MATERIALS

Ratings: All glass bulbs are rated for temperatures from -67°F/-55°C.

Note
This product shall be manufactured by Victaulic or to Victaulic specifications. All products to be installed in accordance with current Victaulic installation/assembly instructions. Victaulic reserves the right to change product specifications, designs and standard equipment without notice and without incurring obligations.

Installation
Reference should always be made to the Victaulic installation handbook or installation instructions of the product you are installing. Handbooks are included with each shipment of Victaulic products, providing complete installation and assembly data, and are available in PDF format on our website at www.victaulic.com.

Warranty
Refer to the Warranty section of the current Price List or contact Victaulic for details.

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