“THE INCH”

QUICK RESPONSE

AUTOMATIC SPRINKLER

MODEL GL5606

ONE INCH ADJUSTABLE

FLAT PLATE CONCEALED PENDENT

DESCRIPTION AND OPERATION

The Globe Quick Response GL5606 Adjustable Concealed Pendent Sprinkler has a low profile, aesthetically pleasing design. It provides sprinkler operations approximately six times faster than ordinary sprinklers and can be installed wherever standard concealed spray sprinklers are specified when allowed by the applicable standards. This sprinkler offers the additional feature of greatly increased safety to life and should be used advisedly and under the direction of approving authorities having jurisdiction. The sprinkler is available with a nominal 1" of adjustment and a low profile cover plate assembly. All that is seen at the ceiling is a 3 5/16" diameter ceiling plate or an optional 2 3/4" diameter ceiling plate color finished to match the specifier’s exact requirements. The GL Series Concealed Sprinkler may be virtually invisible as it does not interrupt the "smooth flow" of the ceiling. Globe's GL5606 Concealed Sprinkler utilizes a 3mm frangible glass ampule which is located above the ceiling and concealed from view by the ceiling plate.

The provided protective cap needs to be removed in order to install the sprinkler with the proper wrench. The protective cap must be replaced on the sprinkler until the time the cover plate is to be installed. The "push on - screw off" designed cover plate is easily installed and with a nominal 1" of adjustment makes it easier to get a proper fit at the ceiling.

Operation of the sprinkler occurs when heat build up causes the solder holding the cover plate to the support shell to melt allowing the cover plate to fall clear. Continued heat build up causes the 3mm glass bulb to burst allowing the deflector to drop down and distribute water in an approved pattern to extinguish or control the fire.

TECHNICAL DATA

• See reverse side for Approvals and Specifications.
• Temperature Ratings -
  135°F (57°C) Sprinkler, 135°F (57°C) Cover Plate
  155°F (68°C) Sprinkler, 135°F (57°C) Cover Plate
  155°F (68°C) Sprinkler, 155°F (68°C) Cover Plate
  175°F (79°C) Sprinkler, 155°F (68°C) Cover Plate
  200°F (93°C) Sprinkler, 155°F (68°C) Cover Plate
• Water Working Pressure Rating - 175 psi (12 Bars)
• Factory tested hydrostatically to 500 psi (34 Bars)
• Maximum low temperature glass bulb rating is -67°F (-55°C)
• Frame - bronze • Deflector - brass • Screw - brass
• Lodgement Wire - stainless steel • Bulb seat - copper
• Spring - nickel alloy • Seal - teflon • Drop Pin - stainless steel
• Bulb - glass with alcohol based solution, 3mm size
• Cover Plate - brass • Upper Escutcheon Assembly - steel

NOTE: Globe’s wrench P/N 332765 must be used to install this sprinkler.

• SPRINKLER TEMPERATURE RATING/CATEGORY and COLOR CODING

<table>
<thead>
<tr>
<th>CLASSIFICATION</th>
<th>AVAILABLE SPRINKLER TEMPERATURES</th>
<th>BULB COLOR</th>
<th>N.F.P.A. MAXIMUM CEILING TEMPERATURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ORDINARY</td>
<td>135°F/155°F</td>
<td>ORANGE/RED</td>
<td>100°F</td>
</tr>
<tr>
<td>INTERMEDIATE</td>
<td>175°F/200°F</td>
<td>YELLOW/GREEN</td>
<td>150°F</td>
</tr>
</tbody>
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GFS-150a (Formerly A-38)
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**AUTOMATIC SPRINKLER**
**MODEL GL5606**
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**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>NOMINAL &quot;K&quot; FACTOR</th>
<th>THREAD SIZE</th>
<th>LENGTH</th>
<th>FLAT COVER PLATE FINISHES</th>
</tr>
</thead>
<tbody>
<tr>
<td>5.6 (80 metric)</td>
<td>1/2&quot;NPT (15mm)</td>
<td>2 1/2&quot; (6.4cm)</td>
<td>Chrome White Painted Other Finishes 1,2</td>
</tr>
</tbody>
</table>

**NOTE:** METRIC CONVERSIONS ARE APPROXIMATE.
1 FINISHES AVAILABLE ON SPECIAL ORDER.
2 FOR PLATES OTHER THAN WHITE, CONTACT GLOBE FOR ORDERING SPECIFICATIONS.

**APPROVALS**

<table>
<thead>
<tr>
<th>STYLE</th>
<th>SIN MODEL</th>
<th>HAZARD1</th>
<th>135°F (57°C) Flat Cover Plate</th>
<th>155°F (68°C) Flat Cover Plate</th>
<th>cULus</th>
<th>*FM</th>
<th>NYC-DOB</th>
<th>MEA</th>
<th>101-92-E</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adjustable Concealed Pendent</td>
<td>GL5606</td>
<td>LH/OH</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>

1 SPRINKLERS SHALL BE LIMITED AS PER THE REQUIREMENTS OF NFPA13 AND ANY OTHER RELATED DOCUMENTS.
*FM APPROVED AS STANDARD RESPONSE
**NO FM APPROVALS
OH: ORDINARY HAZARD
LH: LIGHT HAZARD

**CROSS SECTIONS**

**ORDERING INFORMATION**

**SPECIFY**
- Quantity
- Model Number
- Style
- Orifice
- Thread Size
- Temperature
- Finishes desired
- Quantity - Wrenches - P/N 332765
- Quantity - Protective Caps - P/N 332695

**GLOBE® PRODUCT WARRANTY**

Globe agrees to repair or replace any of its own manufactured products found to be defective in material or workmanship for a period of one year from date of shipment.
For specific details of our warranty please refer to Price List Terms and Conditions of Sale (Our Price List).