



"THE INCH"
QUICK RESPONSE
AUTOMATIC SPRINKLERS
MODEL GL5606
ONE INCH ADJUSTABLE
CONCEALED PENDENT

DESCRIPTION AND OPERATION

The Globe Quick Response GL5606 Adjustable Concealed Pendent Sprinkler has a low profile, aesthetically pleasing design. It provides sprinkler operation approximately six times faster than ordinary sprinklers and can be installed wherever standard concealed spray sprinklers are specified when allowed by the applicable standards. It 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 Concealed Sprinkler utilizes its 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" inch 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
- Bulb seat - brass • Spring - nickel alloy • Seal - teflon
- Bulb - glass with alcohol based solution, 3mm size
- Drop Pin - stainless steel
- Cover Plate - brass
- Upper Escutcheon Assembly - plated steel

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

• SPRINKLER TEMPERATURE RATING/CLASSIFICATION and COLOR CODING

CLASSIFICATION	AVAILABLE SPRINKLER TEMPERATURES		BULB COLOR	N.F.P.A. MAXIMUM TEMPERATURE	CEILING
ORDINARY	135°F/155°F	57°C/68°C	ORANGE/RED	100°F	38°C
INTERMEDIATE	175°F/200°F	79°C/93°C	YELLOW/GREEN	150°F	66°C



3 5/16" diameter plate



2 3/4" diameter plate

QUICK RESPONSE
WHITE ADJUSTABLE
CONCEALED PENDENT

