



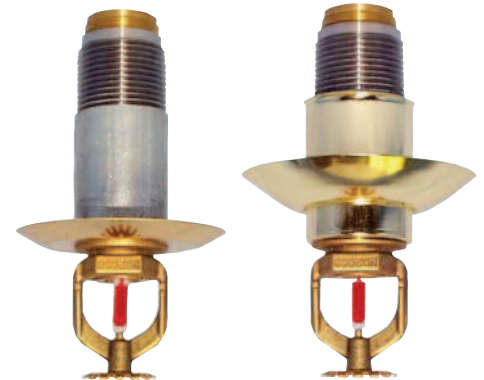
**AUTOMATIC SPRINKLERS  
GL SERIES  
DRY TYPE  
PENDENT  
RECESSED PENDENT**

**DESCRIPTION AND OPERATION**

The Globe GL Series Dry Type Pendent Sprinkler is designed for use in special applications such as freezing environments and conditions where sediment or foreign materials might accumulate in ordinary drop nipples.

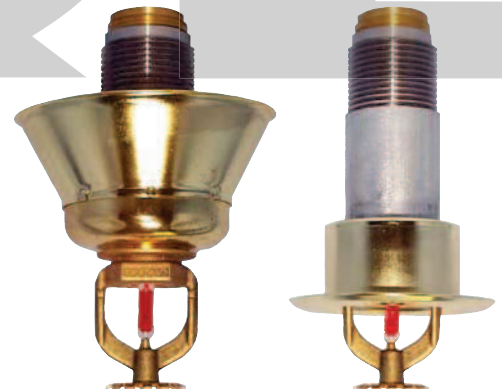
The Globe GL Series Dry Type Pendent Sprinkler utilizes a frangible glass ampule sprinkler. At the ampule's rated temperature, the sprinkler opens releasing the bulb seat, causing the inner tube assembly to move, allowing spring assembly to pivot alongside the inner tube. At this time, water flows through the sprinkler and is distributed by the deflector, in an approved discharge pattern.

The heart of Globe's GL Series sprinkler proven actuating assembly is a hermetically sealed frangible glass ampule that contains a precisely measured amount of fluid. When heat is absorbed, the liquid within the bulb expands increasing the internal pressure. At the prescribed temperature the internal pressure within the ampule exceeds the strength of the glass causing the glass to shatter. This results in water discharge which is distributed in an approved pattern.



**SURFACE MOUNT**

**SLEEVE & SKIRT**



**EXTENDED**

**RECESSED**

**TECHNICAL DATA**

- See reverse side for Approvals and Specifications.
- Temperature Ratings: 135°F (57°C), 155°F (68°C), 175°F (79°C), 200°F (93°C), 286°F (141°C)
- Water Working Pressure Rating: 175 psi (12 Bars)
- Factory tested hydrostatically to 500 psi (34 Bars)
- Maximum low temperature glass bulb rating: -67°F (-55°C)
- Frame - bronze • Deflector - brass • Screw - brass
- Bulb seat - brass • Spring - teflon coated nickel alloy
- Retainer - brass • Pin - stainless steel
- Torsion spring - stainless steel
- Bulb - glass with glycerin solution, 5mm
- Orifice insert - brass • 3/4" or 1" NPT
- Outer tube - galvanized steel pipe • Inner tube - stainless steel

**• SPRINKLER TEMPERATURE RATING/CLASSIFICATION and COLOR CODING**

CLASSIFICATION	AVAILABLE SPRINKLER TEMPERATURES		BULB COLOR	N.F.P.A. MAXIMUM CEILING TEMPERATURE	
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
HIGH	286°F	141°C	BLUE	225°F	107°C