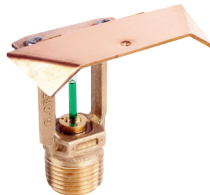




AUTOMATIC SPRINKLERS SPECIFIC APPLICATION ATTIC - GL-SS SERIES INSTALLATION INSTRUCTION & CAUTION SHEET



GL-SS/RE



GL-SS/DS



GL-SS/BB



GL-SS/GAP

LIFE SAFETY PRODUCT — HANDLE WITH CARE

Any damage or improper installation may cause failure of sprinkler operation.

FOR DETAILED DESIGN PARAMETERS AND INSTRUCTIONS, VISIT GLOBE WEBSITE @ www.globesprinkler.com
Special Sprinkler Section; Data Sheets GFS-650 and GFS-655 (May also Scan QR Code at Top Right)

WARNING

Sprinklers contained in this carton have been tested in accordance with the applicable listing agency standards. Any alteration to the sprinkler after it leaves the factory, including, but not limited to painting, plating, or coating, may render the sprinkler inoperative and may void the Listing of Underwriters Laboratories Inc., the Approval of The Loss Prevention Certification Board as well as Globe's warranty. Glass bulbs are very fragile. Handle with extreme care.



WARNING: Cancer and Reproductive Harm – www.P65Warnings.ca.gov

GENERAL HANDLING AND STORAGE

- Store sprinklers in a cool, dry place. Exposure to extreme heat will damage the thermal sensing element, possibly resulting in premature activation. Avoid direct sunlight.
- To prevent damage do not remove protective shield, strap or covers prior to installation. Carefully remove the protective shield by hand only.
- Prior to installation, sprinklers should be kept in the carton provided with dividers. Sprinklers should never come in direct contact with one another or any other foreign object prior to installation. Globe Fire Sprinkler Corporation is not responsible for glass bulb damage due to improper handling.

INSTALLATION

- Globe sprinklers are to be installed in accordance with the latest published standards of the National Fire Protection Association, Globe Sprinkler data sheets, and all applicable Government agencies.
- DO NOT install any sprinkler that has been dropped or damaged in any way.
- DO NOT install any sprinkler that shows evidence of liquid loss from the glass bulb.
- DO NOT install sprinklers into the fitting until sprinkler pipe and fittings are in place.
- DO NOT use the sprinkler deflector or frame arms to thread the sprinkler into the fitting.
- DO NOT under-tighten or over-tighten the sprinkler.
- DO NOT attempt to remove drywall, paint, etc. from sprinklers.
- DO NOT reuse sprinklers that have operated. Replace sprinklers with the same type, orifice, temperature, response.
- DO NOT attach wiring, ropes, decorations or fixtures to sprinkler or sprinkler piping.
- DO NOT paint, plate, coat, or alter sprinklers in any way (including cover plates of concealed type sprinklers). Modified sprinklers must be replaced.

- DO use only the proper sprinkler wrench to install sprinklers. Refer to the specific sprinkler technical data sheet for the correct wrench part number for the sprinkler model used.
- DO protect sprinklers from paint and paint overspray.
- Sprinklers of proper rating must be carefully selected to meet the temperature conditions where they are located (see Table A for available temperatures).
- It is the owner's responsibility for inspection, testing and maintenance of the fire sprinkler system and devices in accordance with NFPA 25 and any authority having jurisdiction.
- When replacing sprinklers in any system, make sure those replacements are of the same style, size, and temperature rating as those removed.
- A change in building structure, occupancy or temperature conditions may indicate a probable change in sprinkler requirements. The owner should notify the insurance carrier or other qualified inspection agency immediately. Do not make any changes without the authorization of one of these agencies.
- Maintain an extra stock of sprinklers and wrenches in a cabinet as required by NFPA 13.
- Globe Fire Sprinkler Corporation sprinklers have been tested, listed/approved by the agencies noted on the individual sprinkler data sheet. Acceptance by other agencies or authorities is not the responsibility of Globe Fire Sprinkler Corporation. Globe Fire Sprinkler Corporation is not liable for any costs arising as a result of any changes to listings or approvals after shipment. The seller makes no warranties express or implied including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose except as expressly stated in seller's sales contract or sales acknowledgment form.

INSTALLATION

Step1. Sprinklers must be oriented correctly as follows:

- Series GL-SS/RE Sprinklers

- At horizontal ridge (peak) - installed in the upright vertical position with deflector parallel to the ceiling below (i.e. sprinkler centerline perpendicular to the ridgeline).

- Near eave or under hip type roofs - installed in the upright position with deflector parallel to roof deck (i.e. sprinkler centerline perpendicular to the roof slope).

- Series GL-SS/DS Sprinklers

- These sprinklers are installed downslope from a ridgeline/peak (See Data Sheet). Installed in the upright position with deflector parallel to roof deck (i.e. sprinkler centerline perpendicular to the roof slope).

- Series GL-SS/BB Sprinklers

- At horizontal ridge (peak) - installed in the upright vertical position with deflector parallel to the ceiling below (i.e. sprinkler centerline perpendicular to the ridgeline).

- Series GL-SS/GAP Sprinklers

- Near eave or under-hip type roofs - installed in the upright position with deflector parallel to roof deck (i.e. sprinkler centerline perpendicular to the roof slope).

Step2. With pipe thread sealant applied to the pipe threads, hand tighten the sprinkler into the sprinkler fitting.

Note: Do not grasp the sprinkler by the deflector.

Step3. Wrench-tighten the sprinkler using only the appropriate wrench. Wrenches are only to be applied to the sprinkler wrench flats or wrench hex as applicable. *Note: Do not apply wrench to frame arms.*

NOTICE

Do not install any bulb-type sprinkler if the bulb is cracked or there is loss of liquid from the bulb. Sprinklers should be tightened enough to obtain a leak-tight joint when water pressure is applied and/or hydrostatic test is performed. Sprinklers should not be overtightened as this can result in distortion and subsequent leakage. It is recommended not to exceed 14 ft.-lb. (19.0 Nm) torque for 1/2 inch NPT sprinkler threads; 20 ft.-lb. (26.8 Nm) to 3/4 inch NPT threads.

TABLE A. TEMPERATURE RATINGS

SPRINKLER TEMPERATURE	BULB COLOR	MAXIMUM CEILING TEMPERATURE
200°F (93°C)	GREEN	150°F (66°C)

GLOBE® PRODUCT WARRANTY

Globe agrees to repair or replace any of its 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).

