Pressure Relief Valve
Model 7000L/7200L

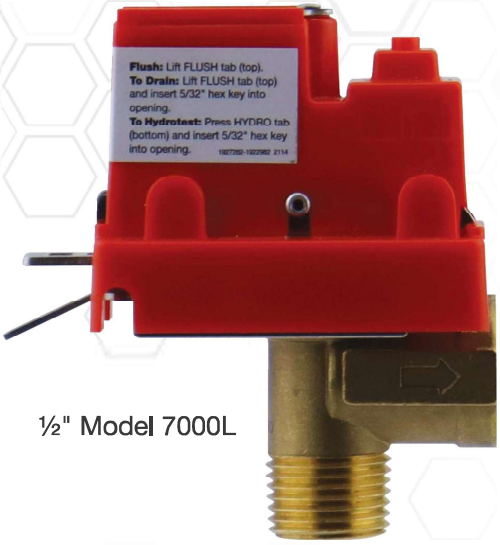
QUALITY COMPONENTS FOR FIRE SPRINKLER SYSTEMS

Pressure Relief Valves with Lock-Out for System Testing

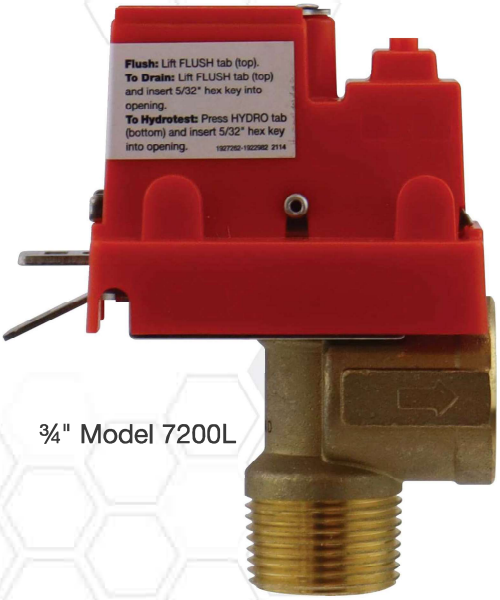
AGF Manufacturing Model 7000L and 7200L pressure relief valves comply with the requirements of NFPA 13 that stipulates a pressure relief valve must be installed on all wet fire sprinkler systems and downstream of any pressure reducing valve. Both models relieve excess system pressure caused by surges or temperature changes. They include a bronze body and stainless steel spring housed in a plastic casing that allows the user to temporarily lock it out to perform hydrostatic testing without removing the valve from the system.

The Model 7000L has a ½" MIPT inlet and FIPT outlet and is included with all TESTANDRAIN (1011, 2511), REMOTETEST (1211), INSPECTORSTEST (3011), and RISERPACK (8011, 8511, 8611) models that utilize a pressure relief valve. The Model 7000L is available with factory set ratings of 175, 200, 225, and 300 PSI. The Model 7200L has a ¾" MIPT inlet and FIPT outlet and is utilized on the 1" Residential RISERPACK Model 8011 13D. The Model 7200L is rated at 175 PSI.

Both models UL Listed and FM Approved and can be purchased separately.



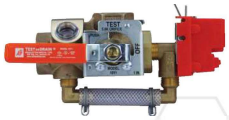
½" Model 7000L



¾" Model 7200L

Features:

- Temporarily Lock Closed to Allow Hydrostatic Testing Without Removing the Pressure Relief Valve from the System
- UL Listed
- FM Approved
- Factory-Set PSI:
  - Tested for Accuracy in Desired Range
  - Resistant to Tampering
  - Quickly Open to Flush Leak-Causing Debris



1011

2511

3011

Products shown with 7000L and drain trim (A-Kit).

NOTE: UL and FM standards for sprinkler system pressure relief valves require relief valves to operate within a range of their ratings. FM requires a relief valve to OPEN at a pressure no less than 85% of their rating and UL requires OPENING at a pressure no greater than 105% of their rating. Both standards require the relief valves to CLOSE within a percentage below OPEN. Choose the relief valve comparing static pressure to 90% of the relief valve's rating to determine the estimated minimum OPENING and 80% of the relief valve's rating for approximate maximum CLOSING. The relief valve should be installed where it is easily accessible for maintenance. Care should be taken that the relief valve CANNOT be isolated from the system when the system is operational. A relief valve should NEVER have a shutoff valve or a plug downstream of its outlet.

UL LISTED

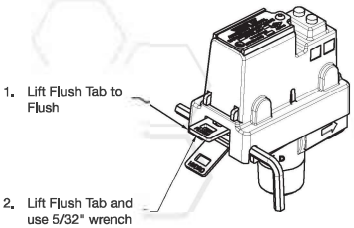
FM APPROVED

Operation

The Model 7000L (1/2") and 7200L (3/4") are pressure relief valves specifically designed to relieve excess pressure caused by pressure surges or temperature changes in wet fire sprinkler systems. They comply with NFPA 13 requirements stipulating that a pressure relief valve be installed on all wet systems and downstream of all pressure reducing valves. These valves can be opened to flush debris from the seat, drain a system, or they can be temporarily locked closed for system hydrostatic testing.

Installation

To prevent damage to the valve when installing the M7000L or M7200L in the system, do not torque the valve into place using the valve cover! The valve must be installed using only the wrench flats provided on the valve's brass body.



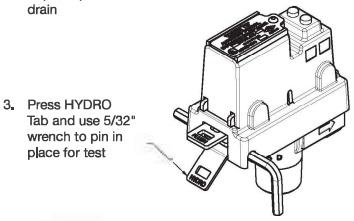
Operation

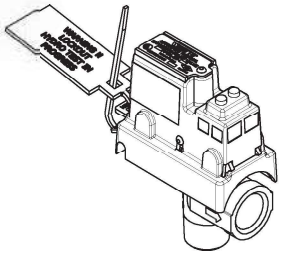
The valve can be (1) manually opened for flushing operations; (2) manually locked open for draining operations and (3) manually locked close for system hydrostatic testing;

1. **Flushing:** Lift FLUSH tab (top).
2. **Draining:** Lift FLUSH tab (top) and insert 5/32" hex wrench into opening.
3. **Hydrotest:** Press HYDRO tab (bottom) down and insert 5/32" hex wrench into opening

   OR

   Hydrotest Alternative: Using a lock-out tag (field supplied), lift the HYDRO tab and tie to the FLUSH tab.

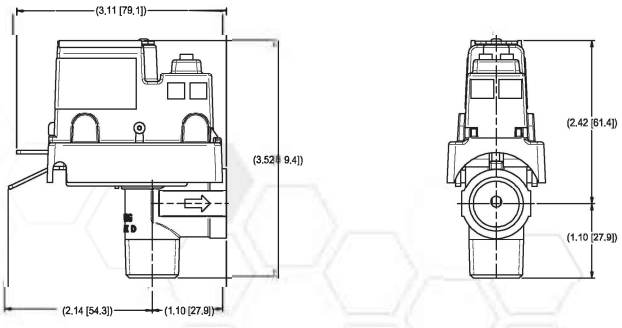




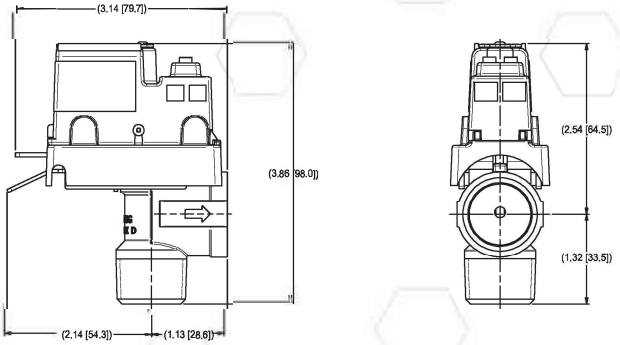
WARNING Remove hex wrench OR lock-out tag to restore valve to operating condition.

Dimensions

7000L



7200L



USA Patent and Other Patents Pending

LynCar Fire

Phone 800.263.7011

Job Name: _____

Architect: _____

Engineer: _____

Contractor: _____