



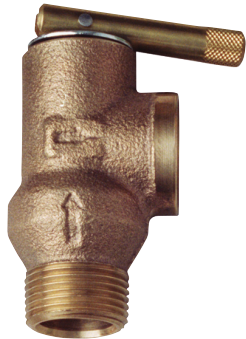
# Pressure Relief Valves

## Model 7000 & Model 7200

100 Quaker Lane, Malvern, PA 19355 • Phone: 610-240-4900 • Fax: 610-240-4906 • www.agfmanufacturing.com



Model 7000



Model 7200

Sizes:

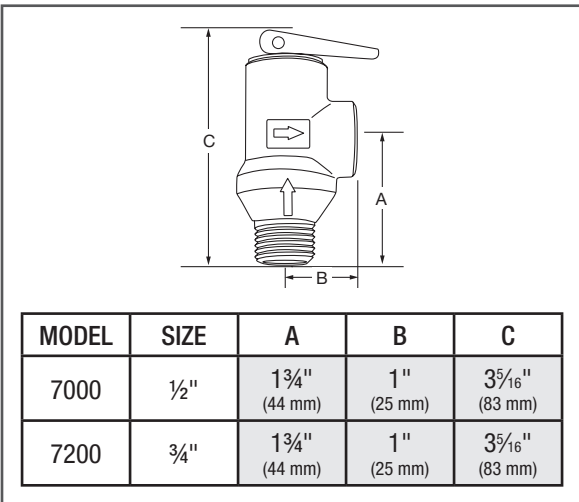
1/2"	3/4"
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AGF Manufacturing Model 7000 and 7200 Pressure Relief Valves are designed specifically for all wet fire sprinkler systems\*. Both models relieve excess system pressure caused by surges or temperature changes. The Model 7000 and 7200 comply with the requirements of NFPA 13 that stipulate a pressure relief valve must be installed on all wet systems and downstream of all pressure reducing valves. The Model 7000 has a 1/2" MIPT inlet and FIPT outlet and is featured on our Models 1011A, 1011T, 2511A, and 2511T TEST<sub>AND</sub>DRAIN<sup>®</sup> valves, Models 3011A and 3011ASG INSPECTOR'S TEST<sup>®</sup> valves, and 1 1/4"–6" Model 8011 RISERPACK<sup>™</sup> assemblies. The Model 7200 has a 3/4" MIPT inlet and FIPT outlet and is included with our 1" Model 8011 Residential RISERPACK<sup>™</sup>.

### Features

- Factory rated 175 PSI\*\* UL Listed and FM Approved.
- Bronze body with stainless steel spring.
- Integral flushing handle removes debris that causes leaks through the valve seat and disc.
- 165 PSI, 185 PSI, 195 PSI, 205 PSI, 225 PSI, and 250 PSI ratings are also available for the Model 7000.



### From the 2013 Edition of NFPA 13

- \*Chapter 7.1.2.1 - Unless the requirements of 7.1.2.2 are met, a wet pipe system shall be provided with a listed relief valve not less than 1/2 in. (12mm) in size and set to operate at 175 psi (12.1 bar) or 10 psi (0.7 bar) in excess of the maximum system pressure, whichever is greater.
- Chapter 7.1.2.3 - A relief valve per 7.1.2.1 shall be required downstream of check valves required by 8.17.5.2.2(1).
- Chapter 8.16.1.2.3\* - A listed relief valve of not less than 1/2 in. (13mm) in size shall be provided on the discharge side of the pressure-reducing valve set to operate at a pressure not exceeding the rated pressure of the components of the system.
- Chapter A.8.16.1.2.3 - Where the relief valve operation would result in water being discharged onto interior walking or working surfaces, consideration should be given to piping the discharge from the valve to a drain connection or other safe location.



\*\*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.

**Reliability, Versatility, Code Compatibility**

**The Model 7000 Pressure Relief Valve is available with the following ratings:**



165 PSI



175 PSI



185 PSI



195 PSI



205 PSI



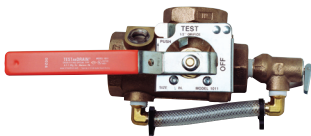
225 PSI



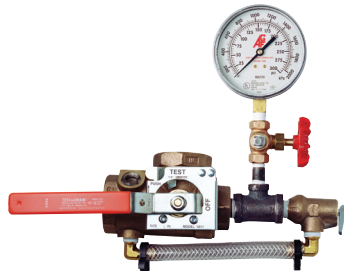
250 PSI

**The Model 7000 Pressure Relief Valve is also used on the Following AGF Products**

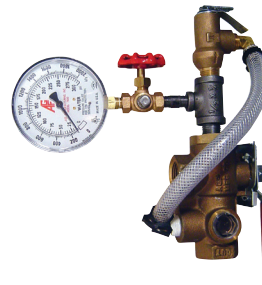
**TESTanDRAIN®**



Model 1011A



Model 1011T

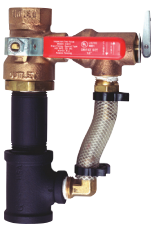


Model 2511A



Model 2511T

**INSPECTORSTEST®**

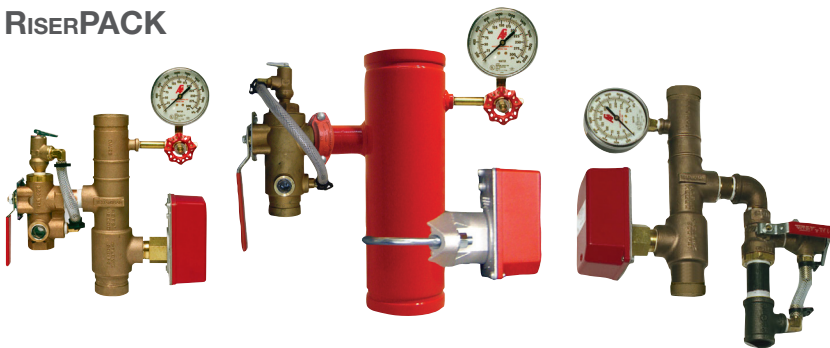


Model 3011A



Model 3011ASG

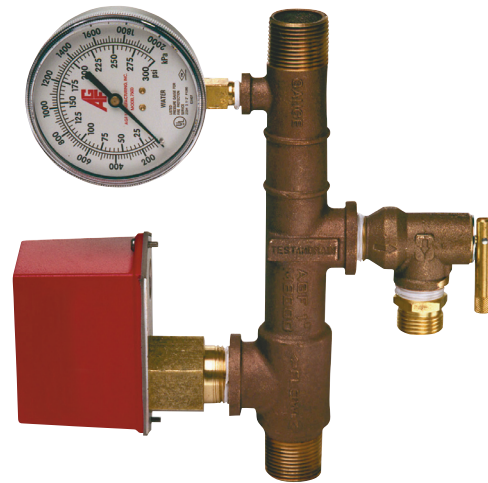
**RISERPACK**



1 1/4" — 6" M8011 Commercial & Residential RiserPack

**The Model 7200 Pressure Relief Valve is used on the Following AGF Product**

**Residential RISERPACK**



1" Model 8011



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Job Name: \_\_\_\_\_  
 Architect: \_\_\_\_\_  
 Engineer: \_\_\_\_\_  
 Contractor: \_\_\_\_\_