

Model 1011A TESTanDRAIN

2.1 SPRINKLER SPECIALTY PIPE FITTINGS

A. Flow Detection and Test Assemblies:

1. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:
 - a. AGF Manufacturing Inc.; Model 1011A TESTanDRAIN.
 - b. <Insert manufacturer's name>.
2. Standard: UL's "Product iQ" listing or "Approval Guide," published by FM Global, listing. NFPA 13, 13R, 13D (as applicable).
3. Pressure Rating: 300 psig (2070 kPa).
4. Body Material: Bronze body, brass stem, impregnated Teflon seat, chrome coated brass ball, and a steel handle with positive stops at the TEST and DRAIN positions
5. Components: A tamper resistant test orifice, integral tamper resistant sight glasses, a tapped and plugged port for system access, and a steel identification plate.
6. Test Orifice Size: Nominal [2.8K (3/8 inch), 4.2K (7/16 inch), 5.6K (1/2 inch), 8.0K (17/32) inch, 11.2K (5/8 inch, ELO), 14.0K (3/4 inch, ESFR), K25.2], as required by NFPA 13, latest edition.
7. Pressure Relief Valve and Drainage Piping: AGF model 7000, AGF model 7000L (Lockable for pressure testing)
 - a. Pressure Rating: Factory rated at 175 PSI. Other pressure settings available: [7000L 200 PSI] [7000L – 225PSI] [7000L – 300PSI]
 - b. Body Material: Bronze body and stainless steel spring
 - c. Components: Nylobraid flexible tube, Two ½” NPT by barbed 90 degree elbows, external identification plate and integral flushing handle to remove debris
 - d. ½ inch MIPT inlet, ½ inch FIPT outlet
 - e. Relief pressure shall be factory set to project specifications
 - f. Relief valve shall operate to the OPEN position between 90% and 105% of the set pressure
 - g. Relief valve shall reseal or CLOSE at a minimum of 80% of set pressure.
8. Size: Same as connected piping.
9. Inlet and Outlet: Threaded.
10. Locking Plate Kit (Optional): Provides vandal resistance and prevents accidental alarm activation by locking the valve handle in the “OFF” position.
 - a. Locking Plate: Carbon steel.
 - b. Lock: 1-1/2 inch wide solid brass with a 3/8 inch chrome plated hardened steel shackle.
 - c. For use with a [3/4 inch] [1 inch] [1-1/4 inch] [1-1/2 inch] [2 inch] valve.