

Model 3011A Inspector's Test

2.1 SPRINKLER SPECIALTY PIPE FITTINGS

A. Sprinkler Inspector's Test Fittings:

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 3011A.
 - 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, steel handle, steel sight glass with access port, chrome-plated bronze ball, virgin Teflon valve seat.
5. Components: A tamper resistant test orifice and a tapped port for system access.
6. Test Orifice Size:

**** NOTE TO SPECIFIER ** Delete orifice size not required.**

- a. Nominal 2.8K (3/8 inch) , as required by NFPA 13, latest edition.
- b. Nominal 4.2K (7/16 inch), as required by NFPA 13, latest edition.
- c. Nominal 5.6K (1/2 inch), as required by NFPA 13, latest edition.
- d. Nominal 8.0K (17/32 inch), as required by NFPA 13, latest edition.
- e. Nominal 11.2K (5/8 inch, ELO), as required by NFPA 13, latest edition.
7. Pressure Relief Valve and Drainage Piping: AGF Model 7000L

**** NOTE TO SPECIFIER ** Delete pressure rating not required.**

- a. Pressure Rating: Factory rated at 175 PSI.
- b. Pressure Rating: 200 PSI.
- c. Pressure Rating: 225 PSI.
- d. Pressure Rating: 300 PSI.
- e. Body Material: Bronze body and stainless-steel spring.
- f. Components: Nylobraid flexible tube, One 1/2 inch (13 mm) NPT by barbed 90 degree elbow, one 1/2" (13 mm) NPT by barbed straight adapter, external identification plate and integral flushing handle to remove debris
- g. 1/2 inch (13 mm) MIPT inlet, 1/2 inch (13 mm) FIPT outlet.
- h. Relief pressure shall be factory set to project specifications.
- i. Relief valve shall operate to the OPEN position between 90% and 105% of the set pressure.
- j. Relief valve shall reseal or CLOSE at a minimum of 80% of set pressure.
8. Size: F.I.P.T., same as connected piping.
9. Inlet and Outlet: Threaded.