

## Model 8000 NFPA 13D Residential Riser Pack

### 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 8000 13D Residential RiserPACK.
- b. **<Insert manufacturer's name>**.

2. Pre-Assembled TESTanDRAIN Riser:

- a. One-piece bronze casting, lettered on both sides allowing right or left installation and providing required signage for flow direction, test and drain outlet, and gauge location.
- b. Standards:
  - 1) UL's "Product iQ" listing or "Approval Guide," published by FM Global, listing.
  - 2) NFPA 13D.
- c. Pressure Rating: 300 psig (2070 kPa).
- d. Test Orifice Size 1 inch (25 mm) Model:

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

- 1) Test Orifice Size: Nominal 2.8K (3/8 inch), as required by NFPA 13, latest edition.
- 2) Test Orifice Size: Nominal 4.2K (7/16 inch), as required by NFPA 13, latest edition.
- 3) Test Orifice Size: Nominal 5.6K (1/2 inch), as required by NFPA 13, latest edition.
- e. Test Orifice Size 1-1/4, 1-1/2, and 2 inches (32 mm, 38 mm, 51 mm) Models.

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- 4) Test Orifice Size: Nominal 8.0K (17/32 inch), as required by NFPA 13, latest edition.
- 5) Test Orifice Size: Nominal 11.2K (5/8 inch, ELO), as required by NFPA 13, latest edition.
- f. Size: Same as connected piping.

**\*\* NOTE TO SPECIFIER \*\* Delete inlet and outlet size not required.**

- g. Inlet and Outlet: Threaded.
- h. Inlet and Outlet: Grooved 1-1/2 to 2 inches (38 mm to 51 mm).

- i. Inlet and Outlet: Threaded and Grooved 1-1/2 to 2 inches (38 mm to 51 mm).
- j. 3/4 inch Male x Female ball valve 1 inch (25 mm) Model: Orifice specific outlet designed to accept either a standard garden hose or hard piped drain outlet.
- k. AGF Model 3011BV Inspector's TEST ball valve 1-1/4, 1-1/2, and 2 inch (32 mm, 38 mm, 51 mm) Models.
- l. Water flow alarm switch.
- m. Pressure Gauge: AGF Model 7500.