

## Model 2500 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 2500 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. Materials: 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. Inlet and Outlet Size: [1 inch NPT] [1-1/4 inch NPT] [1 inch Groove] [1-1/4 inch Groove] [2 inch Groove].
8. Options:
  - a. Bypass drain port in the valve body for use with a pressure relief valve and associated drainage piping.
  - b. Locking Plate Kit: Provides vandal resistance and prevents accidental alarm activation by locking the valve handle in the "OFF" position.
    - 1) Locking Plate: Carbon steel.
    - 2) Lock: 1-1/2 inch wide solid brass with a 3/8 inch chrome plated hardened steel shackle.
    - 3) For use with a [3/4 inch] [1 inch] [1-1/4 inch] [1-1/2 inch] [2 inch] valve.