Model 1211 Remote TESTanDRAIN with Pressure Relief Valve

CSI MasterFormat Specification Location: 21 13 13, Wet-Pipe Sprinkler Systems

SPRINKLER SPECIALTY PIPE FITTINGS

* + - * 1. Remote Operated Flow Detection and Test Assemblies:

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:

AGF Manufacturing Inc.; Model 1211 Remote TESTanDRAIN with Bypass Loop and 7000L Pressure Relief Valve.

<**Insert manufacturer's name**>.

Standard: UL's "Product iQ" listing or "Approval Guide," published by FM Global, listing. NFPA 13, NFPA 13R, NFPA 13D, NFPA 70 and NFPA 72 (as applicable).

Pressure Rating: 300 psig (2070 kPa).

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

Components: A tamper resistant test orifice, integral tamper resistant sight glasses, a tapped and plugged port for system access, and a steel identification plate.

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

Pressure Relief Valve A Kit and Drainage Piping: AGF Model 7000L

Pressure Rating: Factory rated at 175 PSI. Other pressure settings available: [200 PSI] [225 PSI] [300 PSI].

Body Material: Bronze body and stainless steel spring

Components: Nylobraid flexible tube, Two ½” NPT by barbed 90 degree elbows, external identification plate and integral flushing handle to remove debris

½ inch MIPT inlet, ½ inch FIPT outlet

Relief pressure shall be factory set to project specifications.

Relief valve shall operate to the OPEN position between 90% and 105% of the set pressure.

Relief valve shall reseat or CLOSE at a minimum of 80% of set pressure.

Inlet and Outlet Size: [1 inch NPT] [1-1/4 inch NPT] [2 inch NPT].

Solenoid Valve:

24V DC, or 120V AC.

Pressure Rating: 300 psig (2070 kPa).

Bypass Drain Loop Kit: To connect the solenoid valve outlet to the bypass drain port.

Locking Plate Kit (Optional): Provides vandal resistance and prevents accidental alarm activation by locking the valve handle in the “OFF” position.

Locking Plate: Carbon steel.

Lock: 1-1/2 inch wide solid brass with a 3/8 inch chrome plated hardened steel shackle.

For use with a [1 inch] [1-1/4 inch] [1-1/2 inch] [2 inch] valve.