Model 1500

DRAINanTEST®

Alarm Main Drain and Test Valve

Size:

2" BSPT

DRAINanTEST® Model 1500

The AGF Manufacturing, Inc. DRAINanTEST® Model 1500 2" main drain and test valve is designed for wet pipe sprinkler systems and is used for testing devices attached to the alarm check valve. It is a 300 PSI rated, compact, single-handle, iron body ball valve that includes a tamper-resistant test orifice available with several orifice sizes including: \( \frac{3}{8} " \), \( \frac{7}{16} " \), \( \frac{1}{2} " \), \( \frac{17}{32} " \), \( \frac{5}{8} " \) (ELO), \( \frac{3}{4} " \) (ESFR), and K25; to meet K-factors of 2.8 through 25.4 (metric K40 through K366). Test orifice sizes can be found on the indicator plate.

The Model 1500 can be ordered with an optional pressure relief valve bypass drain kit to meet the needs of systems requiring a pressure relief valve.

Model 1500 Features

- 2" Main Drain and Test Valve
- Compact, Single-Handle Ball Valve
- Iron Body
- Tamper-Resistant Test Orifice
- 300 PSI Rated
- Locking Kit Available

Repair kits are available for all DRAINanTEST® valves. Kit includes: Adapter Gasket (1), Ball (1), Valve Seats (2), Stem Packing (1), and Stem Washer (1). **Orifice size must be specified when ordering.**

Optional Pressure Relief Valve Bypass Drain Kit (Item ID #262)

Optional Locking Kit (Item ID #870)

NOTE: It is important to note that the pressure rating of the relief valve indicates an operating range of pressure for both opening and closing of the valve. Standard relief valves are required to OPEN in a range of pressure between 90% and 105% of their rating. The valves are required to CLOSE at a pressure above 80% of that rating. The relief valve should be installed where it is easily accessible for maintenance. Care should be taken that the relief valve CANNOT be isolated from the system when the system is operational. A relief valve should NEVER have a shutoff valve or a plug downstream of its outlet.
Installation
1. Check the indicating plate for the correct orifice size.
2. Thread the inlet of the DRAINanTEST® on the nipple from the alarm valve or drain port.
3. Connect main drain pipe to the outlet of the DRAINanTEST® valve.

Operation
Alarm Check Valve Test:
1. Turn valve handle counterclockwise from "OFF" to "TEST" position. The handle will stop automatically.
2. After test is completed, turn handle back to "OFF" position.

Water Supply Flow Test:
1. Depress "PUSH" button and turn handle counterclockwise to "DRAIN" position.
2. After test is completed, turn handle back to "OFF" position.

To Drain the System:
1. Close supply control valve.
2. Depress "PUSH" button and turn handle counterclockwise to "DRAIN" position.
3. When system is empty, return handle clockwise to "OFF" position.

Maintenance
Operate the DRAINanTEST® Model 1500 after installation and periodically as required by the Authority Having Jurisdiction. Repeated operation of the valve may cause the packing gland to loosen. If leakage from the packing gland occurs:
1. Remove hex nut and handle (Note position of handle prior to removal, so handle may be re-installed in same position).
2. Tighten packing gland by turning the hex nut clockwise. Do not overtighten.
3. Replace handle and hex nut.
4. Operate the DRAINanTEST® to verify that the packing gland has not been overtightened and the handle operates properly.

Repair/Replacement
Repair or replacement kits are available. Kits contain the following: Adapter Gasket (1), Ball (1), Valve Seats (2), Stem Packaging (1), and Stem Washer (1).

Please indicate proper Test Orifice Size.

USA Patent and Other Patents Pending

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Job Name: ____________________________
Architect: _____________________________
Engineer: _____________________________
Contractor: ___________________________