

Model FTD

Fire Test and Drain (1", 1-1/4", 1-1/2", 2")



Installation Instructions

Zurn Model FTD Fire Test and Drain valves allow for required water flow testing and draining of a fire sprinkler system with one valve. In the TEST position, these valves meet NFPA 13 Inspector's Test Valve flow requirements.

Instructions for Installation and Operation

In accordance with NFPA 13:

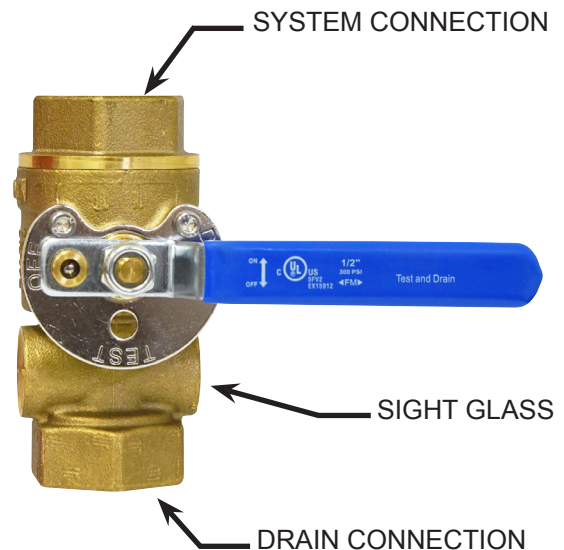
1. The valve must be installed downstream of a UL Listed alarm system. The flow direction of the valve must be as indicated by markings on the valve. When correctly installed, the sight glass will be toward the drain connection.
2. The minimum working system pressure must be at least 175 psi.
3. In the TEST position, Zurn FTD Test and Drain valves simulate flow of a single sprinkler with a 5.6 K-Factor orifice. All sprinklers in the system being tested must have an equivalent or larger orifice.
4. The supply connection must be at least 1-inch diameter. It is recommended that the supply connection be no larger than the smallest branch pipe to best simulate sprinkler flow.
5. The DRAIN position allows unrestricted flow for rapid draining of the system.
Discharge during draining must:
 - Pass through a drain capable of handling the flow, or to a location where damage will not result.
 - Allow for at least 4 feet of exposed pipe between a wall penetration and the operating valve in an adjacent warm room in order to prevent freezing of the valve.
 - 45° or 90° elbows should be used to avoid horizontal discharge.

Test Procedure

Move the handle from the OFF position to the TEST position. The valve will click when it is set to test. Flow can be observed through the sight glass. Once testing commences, the sprinkler system alarm should trigger within 90 seconds. When the test is complete, return the handle to the OFF position. Firmly set the handle against the stop to insure the valve is fully closed.

Drain Procedure

Move the handle from the OFF position to the DRAIN position. The valve will click when it is set to drain. Flow can be observed through the sight glass. When draining is complete, return the handle to the OFF position. Firmly set the handle against the stop to insure the valve is fully closed.



114-FTD-K56

WARRANTY: ZURN WILKINS Valves are guaranteed against defects of material or workmanship when used for the services recommended. If in any recommended service, a defect develops due to material or workmanship, and the device is returned, freight prepaid, to ZURN WILKINS within 12 months from date of purchase, it will be repaired or replaced free of charge. ZURN WILKINS' liability shall be limited to our agreement to repair or replace the valve only.

⚠ WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov
⚠ ADVERTENCIA: Cáncer y daño reproductivo - www.P65Warnings.ca.gov
⚠ AVERTISSEMENT: Cancer et néfastes sur la reproduction - www.P65Warnings.ca.gov



1747 Commerce Way, Paso Robles, CA 93446 Phone:855-663-9876 Fax:805-238-5766

ZURN WILKINS