



Model 2500 TEST_{AN}DRAIN[®]

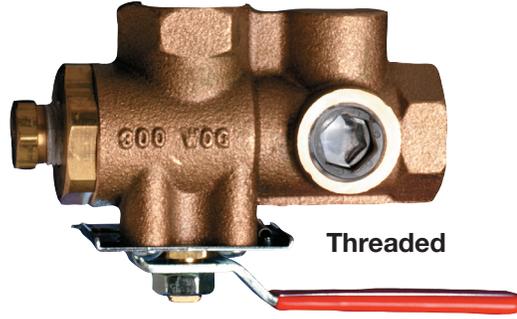
Sectional Floor Control Test and Drain Valve

Sizes:

1"	1 1/4"	2"
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The AGF **Model 2500 TEST_{AN}DRAIN[®]** provides both the test and express drain functions for wet fire sprinkler systems (NFPA 13). The **Model 2500** is a multi-direction, compact, single handle ball valve which includes a tamper resistant test orifice and integral tamper resistant sight glasses. It features an alternate handle location for difficult installation positions.

The **Model 2500** is available in a range of sizes (1" to 2") with NPT connections on the 1" and 1 1/4" models and groove x groove connections on the 2" models.



Threaded

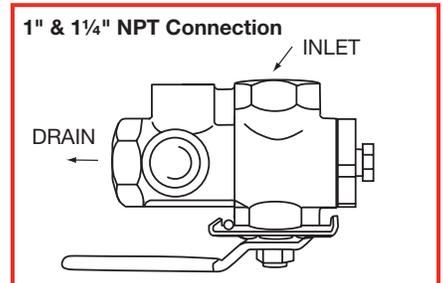


Grooved

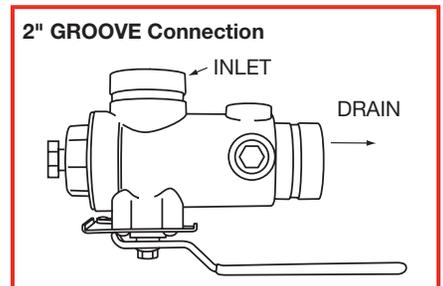
- Complies with NFPA 13, NFPA 13R, and NFPA 13D Requirements
- Compact, Single-Handle Ball Valve
- Tamper-Resistant Test Orifice and Sight Glasses
- 2" Model Features Groove x Groove Connections
- 300 PSI Rated
- Tap and Plug Port for System Access
- Orifice Size is Noted on the Indicator Plate
- Specifiable orifice sizes: 3/8" (2.8K), 7/16" (4.2K), 1/2" (5.6K), 17/32" (8.0K), 5/8" (11.2K, ELO), 3/4" (14.0K, ESFR), and K25
- Features Alternate Handle Locations for Difficult Installation Positions
- Locking Kit Available

Repair kits are available for all **TEST_{AN}DRAIN[®]** valves. Kit includes: Adapter Gasket (1), Ball (1), Valve Seats (2), Stem Packing (1), and Stem Washer (1). **Valve and orifice size must be specified when ordering.**

MODEL 2500 - DRAIN TO LEFT



MODEL 2500 - DRAIN TO RIGHT



Reliability, Versatility, Code Compatibility



Model 2500 TEST AND DRAIN®

300 PSI Bronze Ball Valve

Dimensions

SIZE	A	B	C	D	E	F	G	H
1"	6 1/4" (159 mm)	1 1/4" (32 mm)	1 1/4" (32 mm)	2 1/2" (64 mm)	3 3/8" (86 mm)	1 13/16" (46 mm)	2 5/8" (67 mm)	4 3/16" (106 mm)
1 1/4"	7 9/16" (192 mm)	1 3/8" (35 mm)	1 3/8" (35 mm)	2 3/4" (70 mm)	3 3/8" (86 mm)	2 1/8" (52 mm)	3 1/16" (78 mm)	4 11/16" (119 mm)
2"†	10 1/4" (260 mm)	1 13/16" (46 mm)	1 13/16" (46 mm)	3 5/8" (92 mm)	5 5/8" (143 mm)	2 3/4" (70 mm)	3 3/4" (95 mm)	6 1/2" (165 mm)

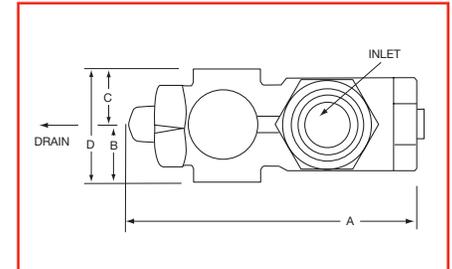
The Model 2500 provides the following...

From the 2013 Edition of NFPA 13

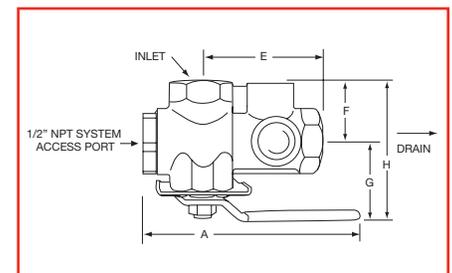
- Chapter 8.16.2.4.1* Provisions shall be made to properly drain all parts of the system.
- Chapter 8.16.2.4.2 Drain connections, interior sectional or floor control valve(s) –
- & 8.16.2.4.3 shall be provided with a drain connection having a minimum size as shown in Table 8.16.2.4.2.
- Chapter 8.16.2.4.4 Drains shall discharge outside or to a drain capable of handling the flow of the drain.
- Chapter A.8.17.4.2 (Wet Pipe System) test connection is permitted to terminate into a drain capable of accepting full flow... using an approved sight test connection containing a smooth bore corrosion-resistant orifice giving a flow equivalent to one sprinkler...
- Chapter 8.17.4.2.2 The test connection valve shall be accessible.
- Chapter 8.17.4.2.4 shall be permitted to be installed in any location... downstream of the waterflow alarm.
- Chapter 8.17.4.3.1 (Dry Pipe System) a trip test connection not less than 1" in diameter, terminating in a smooth bore corrosion-resistant orifice, to provide a flow equivalent to one sprinkler...
- Chapter 8.17.4.3.2 The trip test connection... with a shutoff valve and plug not less than 1", at least one of which shall be brass.

*Available on 1 1/4" to 2" size units only • **Available on 1 1/2" and 2" size units only • † 2" M2500 is Groove x Groove only

Model 2500 - Plan View



Model 2500 - Side View



Orifice Sizes

3/8", 7/16", 1/2", 17/32", 5/8" ELO*,
3/4" ESFR*, and K25**

Materials

- Handle Steel
- Stem Rod Brass
- Ball C.P. Brass
- Body Bronze
- Valve Seat Impregnated Teflon®
- Indicator Plate Steel
- Handle Lock Spring Steel

Approvals

UL and ULC Listed:
(EX4019)
FM Approved
NYC-BSA No. 720-87-SM



USA Patent # 4741361 and Other Patents Pending



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Job Name: _____
Architect: _____
Engineer: _____
Contractor: _____