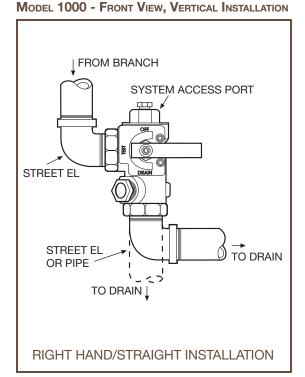




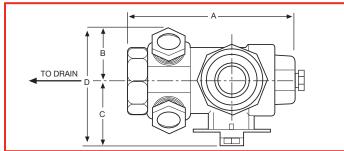
- The AGF Manufacturing Inc. Model 1000 TESTANDRAIN[®] provides both the test function and the express drain function for a wet fire sprinkler system.
- The **Model 1000** complies with the requirements of NFPA-13, NFPA-13R, and NFPA-13D.
- The **Model 1000 TESTANDRAIN**[®] is a compact single handle ball valve which includes a tamper resistant test orifice and integral tamper resistant sight glasses, and is 300 PSI rated.
- Available in a full range of sizes from ³/₄" to 2" NPT and BSPT, with all 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 as required by NFPA 13, 2007 Edition (see reverse).
- The orifice size is noted on the indicator plate and the valve features a tapped and plugged port for system access.
- A locking kit is available and can be ordered with the valve to provide vandal resistance or prevent unintentional alarm activation.
- Repair kits including (1) adapter gasket, (1) ball, (2) valve seats, (1) stem packing, and (1) stem washer are available for all **TESTANDRAIN**[®] valves. Valve and orifice size must be specified when ordering.



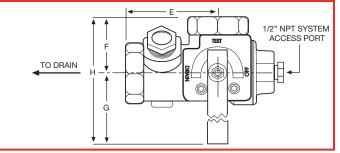
Reliability, Versatility, Code Compatibility



MODEL 1000 - PLAN VIEW



FRONT VIEW - HORIZONTAL INSTALL



DIMENSIONS

Orifice Size Available: 3/8", 7/16", 1/2", 17/32", ELO (5/8")*, ESFR (3/4")*, & K25**

SIZE	А	В	C	D	E	F	G	Н
3⁄4"	51⁄16"	11⁄2"	2 3⁄16''	35⁄8"	33⁄8"	1 13⁄16"	4 9⁄16''	63⁄8"
	(128 mm)	(37.5 mm)	(57 mm)	(93 mm)	(86 mm)	(46 mm)	(117 mm)	(162.5 mm)
1"	51⁄16"	1 1⁄2"	2 3⁄16"	35⁄8"	33⁄8"	1 13⁄16"	4 9⁄16''	63⁄8"
	(128 mm)	(37.5 mm)	(57 mm)	(93 mm)	(86 mm)	(46 mm)	(117 mm)	(162.5 mm)
11⁄4"	57/16"	1 ¹¹ ⁄16"	2 9⁄16''	4 1⁄4''	3 5⁄16''	1 ^{15⁄} 16"	59⁄16''	51⁄2''
	(163 mm)	(43 mm)	(65 mm)	(108 mm)	(83 mm)	(51 mm)	(141 mm)	(192 mm)
1½"	67/16"	1 ¹³ ⁄16"	31⁄4''	5 ¹ ⁄16''	37⁄8"	25⁄8"	81/4''	107⁄8"
	(163 mm)	(45 mm)	(81.5 mm)	(127 mm)	(99 mm)	(67 mm)	(207 mm)	(274 mm)
2"	67/16"	1 13⁄16"	31⁄4"	51⁄16''	37⁄8"	25⁄8"	81/4"	107⁄8"
	(163 mm)	(45 mm)	(81.5 mm)	(127 mm)	(99 mm)	(67 mm)	(207 mm)	(274 mm)

* Available on 1¹/₄" to 2" size units only

** Available on 11/2" and 2" size units only

THE MODEL 1000 PROVIDES ALL OF THE FOLLOWING...

From the 2007 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) - shall be provided with a drain & 8.16.2.4.3 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 readily accessible. shall be permitted to be installed in any location... downstream of the waterflow alarm. Chapter 8.17.4.2.4 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.

USA Patent # 4741361 and Other Patents Pending



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Phone: 610-240-4900 Fax: 610-240-4906

www.testandrain.com

Job Name:_____ Architect:

Engineer:_____

Contractor:

MATERIALS

Handle: Steel Stem: Rod Brass Ball: C.P. Brass Body: Bronze Valve Seat: Impregnated Teflon[®] Indicator Plate: Steel Handle Stop: Steel

Approvals

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

