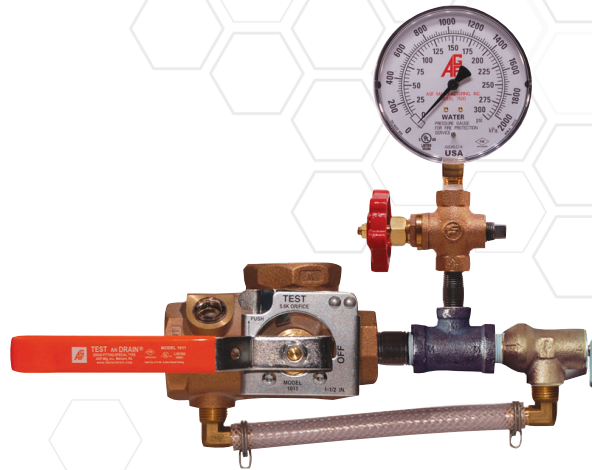


TEST_{AND}DRAIN[®]

Model 1011T

QUALITY COMPONENTS FOR FIRE SPRINKLER SYSTEMS



System Test and Express Drain Valve

The AGF TEST_{AND}DRAIN Model 1011T is a single-handle ball valve that provides the test and express drain functions for wet fire sprinkler systems. The single-handle ball valve configuration eliminates the multiple connections needed by traditional loop assemblies.

The Model 1011T is compliant with industry standards which require provisions for properly draining a system and the inclusion of a pressure relief valve on all wet systems (NFPA 13). All 1011T models feature a 175 PSI rated pressure relief valve (other ratings available) with drain trim, 3-way universal gauge valve, 4" pressure gauge, and tamper-resistant test orifice and sight glass. TEST_{AND}DRAIN Model 1011T valves are available in a full range of sizes ($\frac{3}{4}$ " – 2") with optional orifice sizes (2.8K–25.2K), are field-serviceable (repair kits sold separately), and offer locking kits for added security.

Features

- NFPA 13 Compliant
- $\frac{3}{4}$ ", 1", 1 $\frac{1}{4}$ ", 1 $\frac{1}{2}$ ", and 2" Sizes
- Orifice Options (2.8K–25.2K)
- Tamper-Resistant Test Orifice and Sight Glass
- 400 PSI Rated
- 175 PSI Rated Pressure Relief Valve Included (Other Rating Available)
- 3-Way Universal Gauge Valve Included
- 4" Pressure Gauge Included
- Horizontal or Vertical Installation
- Field Serviceable
- Locking Kits Available

Models

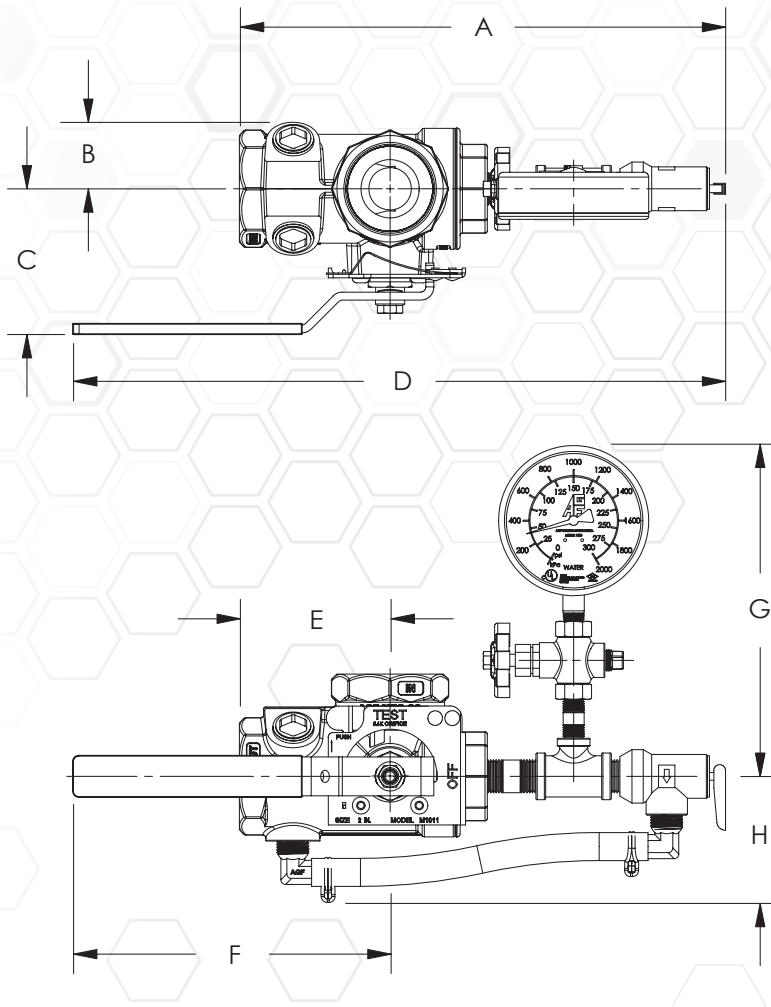
Model 1011T Part Numbers						
Orifice Size		3/4"	1"	1 $\frac{1}{4}$ "	1 $\frac{1}{2}$ "	2"
K-Factor	Fractional					
2.8	3/8"	200T	210T	220T	230T	240T
4.2	7/16"	201T	211T	221T	231T	241T
5.6	1/2"	202T	212T	222T	232T	242T
8.0	17/32"	203T	213T	223T	233T	243T
11.2 (ELO)	5/8"	204T	214T	224T	234T	244T
14.0 (ESFR)	3/4"	-	-	225T	235T	245T
25.2	-	-	-	-	236T	246T

Most Popular Models



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Dimensions



Size	A	B	C	D	E	F	G	H
3/4"	1 1/8" (284 mm)	1 3/8" (36 mm)	2 3/8" (60 mm)	12 3/8" (314 mm)	3 3/8" (86 mm)	4 3/8" (116 mm)	8 1/2" (216 mm)	2 3/4" (71 mm)
1"	1 1/8" (284 mm)	1 3/8" (36 mm)	2 3/8" (60 mm)	12 3/8" (314 mm)	3 3/8" (86 mm)	4 3/8" (116 mm)	8 1/2" (216 mm)	2 3/4" (71 mm)
1 1/4"	1 1/8" (284 mm)	1 7/16" (36 mm)	2 1/16" (71 mm)	13 1/16" (347 mm)	3 5/16" (84 mm)	5 1/2" (139 mm)	8 1/2" (216 mm)	2 15/16" (75 mm)
1 1/2"	1 1/2" (318 mm)	1 3/4" (43 mm)	3 3/4" (95 mm)	16 3/4" (427 mm)	3 7/8" (98 mm)	8 1/8" (207 mm)	8 1/2" (216 mm)	3 1/4" (81 mm)
2"	1 1/2" (318 mm)	1 3/4" (43 mm)	3 3/4" (95 mm)	16 3/4" (427 mm)	3 7/8" (98 mm)	8 1/8" (207 mm)	8 1/2" (216 mm)	3 1/4" (81 mm)

Sizes have been rounded to the highest millimeter

NOTE: UL and FM standards for sprinkler system pressure relief valves require relief valves to operate within a range of their ratings. FM requires a relief valve to OPEN at a pressure no less than 85% of their rating and UL requires OPENING at a pressure no greater than 105% of their rating. Both standards require the relief valves to CLOSE within a percentage below OPEN. Choose the relief valve comparing static pressure to 90% of the relief valve's rating to determine the estimated minimum OPENING and 80% of the relief valve's rating for approximate maximum CLOSING. 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.

USA Patent #4741361 and Other Patents Pending

For use on wet fire sprinkler systems.

Valve Sizes

3/4", 1", 1 1/4", 1 1/2", and 2"

Orifice Options

2.8K, 4.2K, 5.6K, 8.0K, 11.2K (ELO),
14.0K (ESFR), and 25.2K

Connections

Inlet..... NPT
Outlet..... NPT
(BSPT Available)

Installation Orientation

Horizontal
Vertical

Electrical Requirements

None

Materials

Handle Steel
Stem Rod Brass
Ball..... C.P. Brass
Body Bronze
Valve Seat..... Impregnated Teflon®
Indicator Plate Steel
Relief Valve Bronze
Bypass Fittings..... Brass
Bypass Tube..... Nylobraid

Rating

400 PSI

Compliance

NFPA 13
NYC-BSA No. 720-87-SM

Approvals

UL/ULC (EX4019 & EX4533)
FM



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

www.agfmfg.com

Job Name: _____

Architect: _____

Engineer: _____

Contractor: _____