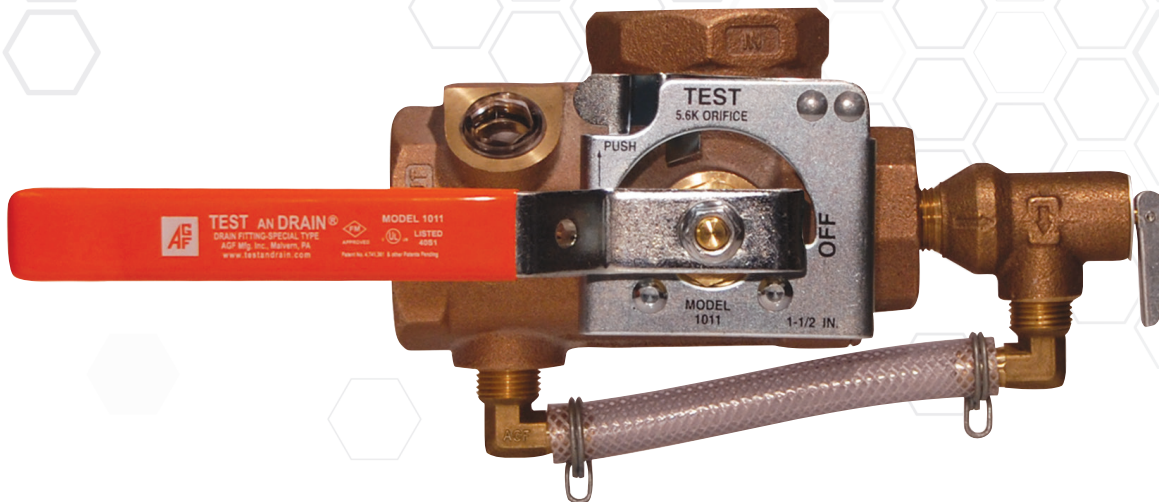


TEST_{AND}DRAIN[®]

Model 1011A

QUALITY COMPONENTS FOR FIRE SPRINKLER SYSTEMS



System Test and Express Drain Valve

The AGF TESTANDRAIN Model 1011A 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 1011A 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 1011A models feature a 175 PSI rated pressure relief valve (other ratings available) with drain trim, and tamper-resistant test orifice and sight glass. TESTANDRAIN Model 1011A 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)
- Horizontal or Vertical Installation
- Field Serviceable
- Locking Kits Available

Models

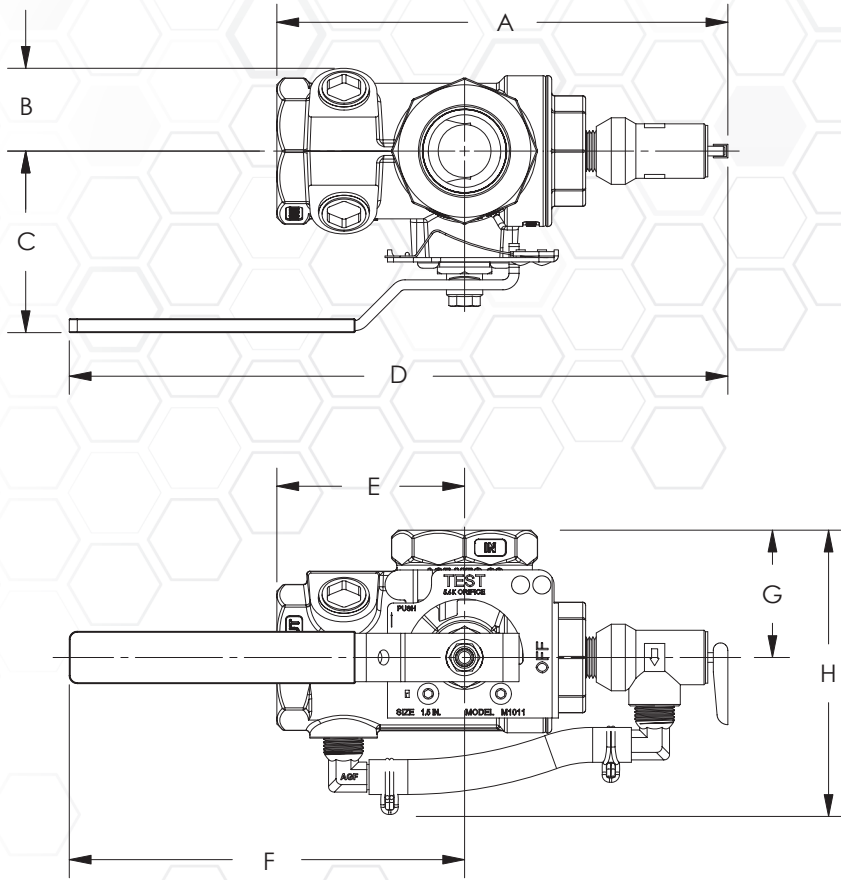
Model 1011A Part Numbers						
Orifice Size		3/4"	1"	1 $\frac{1}{4}$ "	1 $\frac{1}{2}$ "	2"
K-Factor	Fractional					
2.8	3/8"	200A	210A	220A	230A	240A
4.2	7/16"	201A	211A	221A	231A	241A
5.6	1/2"	202A	212A	222A	232A	242A
8.0	17/32"	203A	213A	223A	233A	243A
11.2 (ELO)	5/8"	204A	214A	224A	234A	244A
14.0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

Most Popular Models



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Dimensions



Size	A	B	C	D	E	F	G	H
3/4"	8" (203 mm)	1 1/8" (36 mm)	2 3/8" (60 mm)	9 1/8" (233 mm)	3 3/8" (86 mm)	4 5/8" (116 mm)	1 3/4" (44 mm)	4 1/2" (114 mm)
1"	8" (203 mm)	1 3/8" (36 mm)	2 3/8" (60 mm)	9 1/8" (233 mm)	3 3/8" (86 mm)	4 5/8" (116 mm)	1 3/4" (44 mm)	4 1/2" (114 mm)
1 1/4"	8 3/8" (211 mm)	1 3/8" (36 mm)	2 3/4" (71 mm)	10 1/2" (266 mm)	3 3/8" (84 mm)	5 1/2" (139 mm)	2" (50 mm)	4 7/8" (125 mm)
1 1/2"	9 3/8" (237 mm)	1 3/4" (43 mm)	3 3/4" (95 mm)	13 3/8" (346 mm)	3 7/8" (98 mm)	8 1/8" (207 mm)	2 5/8" (67 mm)	5 7/8" (150 mm)
2"	9 3/8" (237 mm)	1 3/4" (43 mm)	3 3/4" (95 mm)	13 3/8" (346 mm)	3 7/8" (98 mm)	8 1/8" (207 mm)	2 5/8" (67 mm)	5 7/8" (150 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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Fax: 610-240-4906

www.agfmfg.com

Job Name: _____

Architect: _____

Engineer: _____

Contractor: _____