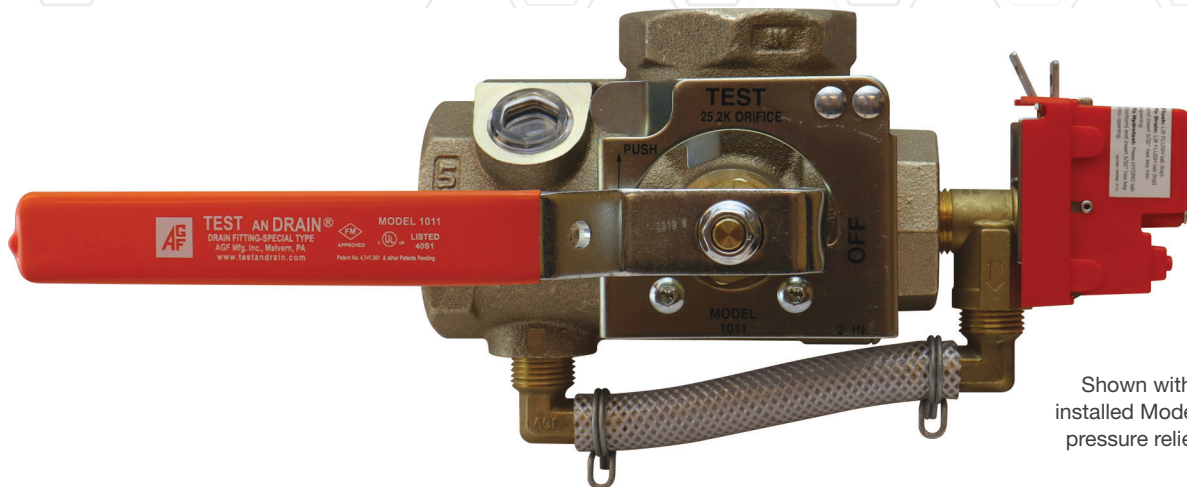


# TEST<sub>AND</sub>DRAIN<sup>®</sup>

## Model 1011 A(Kit)

QUALITY COMPONENTS FOR FIRE SPRINKLER SYSTEMS



Shown with field installed Model 7000L pressure relief valve

### System Test and Express Drain Valve

The UL Listed and FM Approved AGF Model 1011 TEST<sub>AND</sub>DRAIN is a single-handle ball valve that provides the test and express drain functions for wet fire sprinkler systems and eliminates the multiple connections needed by traditional loop assemblies. The TEST<sub>AND</sub>DRAIN Model 1011 valves are available in a full range of sizes (3/4" - 2") include sight glasses and a tamper-resistant test orifice available in sizes (2.8K - 25.2K), are field-serviceable (repair kits sold separately), and offer optional locking kits for added security.

The Model 1011 is compliant with industry standards which require provisions for properly draining a system and if ordered as a 1011 A(Kit) will include a field installed pressure relief valve as required by NFPA 13 on all wet systems. The 1011 A(Kit) features a UL Listed and FM Approved Model 7000L, 175 PSI rated pressure relief valve (other rating available) with drain trim.

### Features

- NFPA 13 Compliant
- 3/4", 1", 1 1/4", 1 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

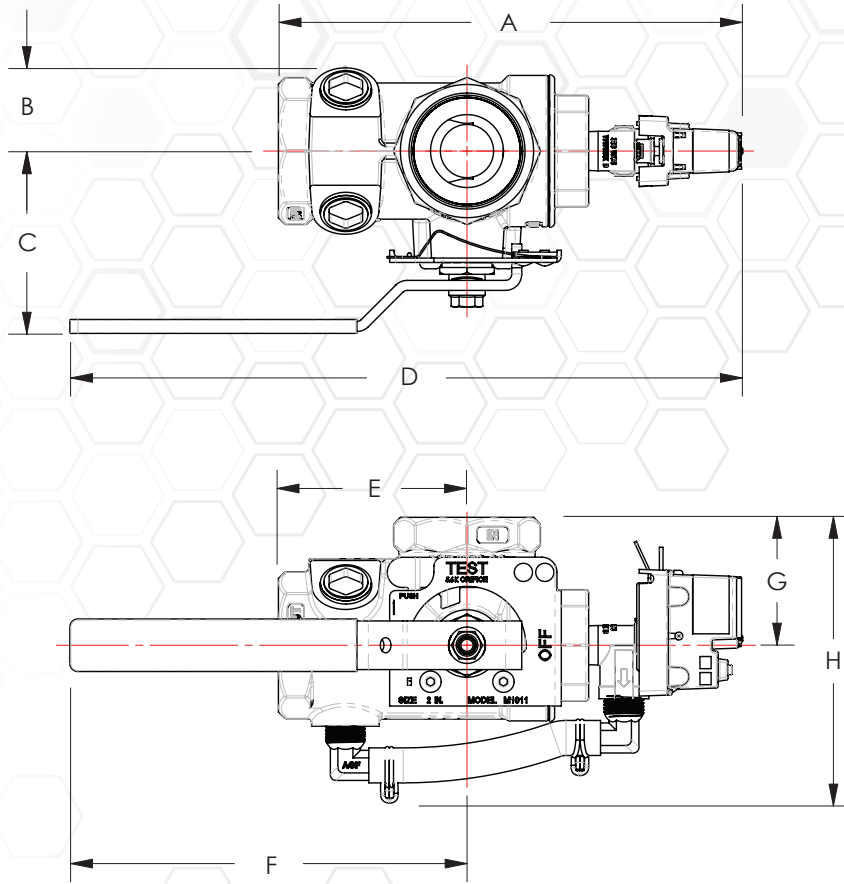
### Ordering Part Number

Model 1011 Part Numbers						
Orifice Size		3/4"	1"	1 1/4"	1 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



## Dimensions



Size	A	B	C	D	E	F	G	H
3/4"	8 1/4" (209 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"	8 1/4" (209 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 1/2" (217 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 1/2" (242 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 1/2" (242 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

## Model 1011 Valve Approvals

UL/ULC (EX4019 & EX4533)

FM



## Compliance

NFPA 13

NYC-BSA No. 720-87-SM



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Job Name: \_\_\_\_\_

Architect: \_\_\_\_\_

Engineer: \_\_\_\_\_

Contractor: \_\_\_\_\_