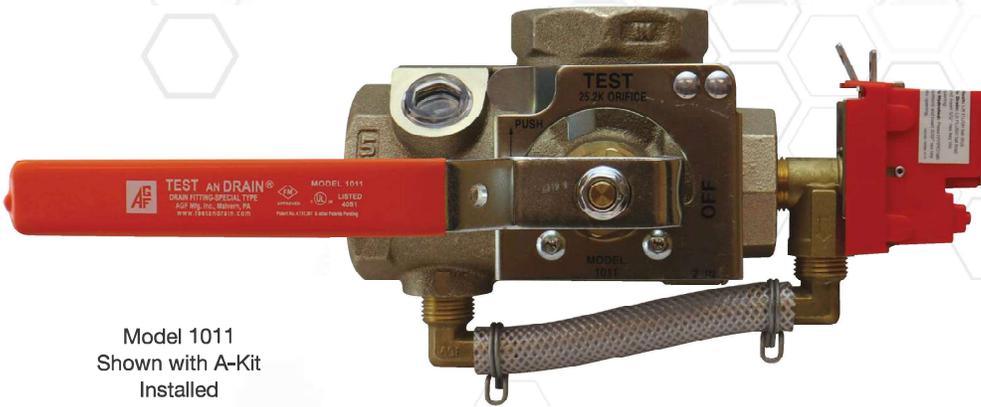


TEST_{AND}DRAIN[®]

Model 1011

QUALITY COMPONENTS FOR FIRE SPRINKLER SYSTEMS



Model 1011
Shown with A-Kit
Installed



A-Kit



T-Kit

System Test and Express Drain Valve

The UL Listed and FM Approved AGF TEST_{AND}DRAIN Model 1011 is a single-handle ball valve designed to eliminate the multiple connections needed by traditional loop assemblies while providing the test and express drain functions for wet fire sprinkler systems. TEST_{AND}DRAIN Model 1011 valves are available in 3/4" - 2" sizes, include sight glasses, and a tamper resistant test orifice in optional sizes (2.8K - 25.2K). All valves are field-serviceable (repair kits sold separately) and are available with locking kits for added security. Model 1011 valves are compliant with NFPA standards which require provisions for properly draining a system.

The **A-Kit** includes a UL Listed and FM Approved, 175 PSI, Model 7000L pressure relief valve (other ratings: 200, 225, and 300 PSI) with drain trim.

The **T-Kit** includes a UL Listed and FM Approved, 175 PSI, Model 7000L pressure relief valve (other rating available), 3-way universal gauge valve for testing, 4" pressure gauge, and drain trim.

Features

- NFPA 13 Compliant
- 400 PSI Rated
- Tamper-Resistant Sight Glass
- Tamper-Resistant Test Orifice
- Horizontal or Vertical Installation
- Field Serviceable
- Optional Locking Kit

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

*Most Popular Models

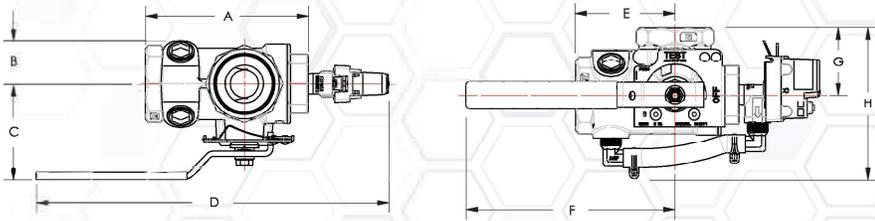
Products shown above may include field installed options.



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Dimensions

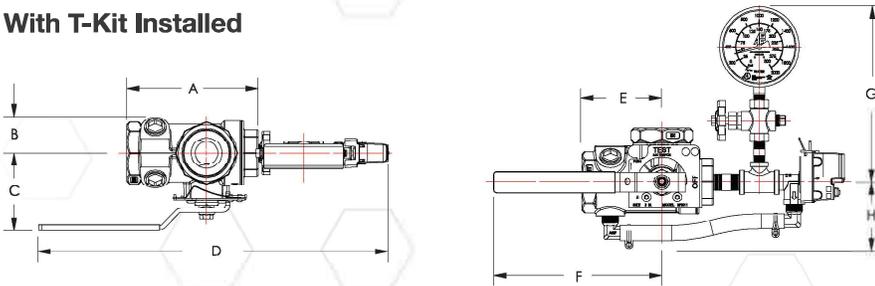
With A-Kit Installed



Size	A	B	C	D	E	F	G	H
3/4"	5" (128 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"	5" (128 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 1/4"	5 3/8" (137 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"	6 3/8" (162 mm)	1 3/4" (43 mm)	3 3/4" (95 mm)	13 5/8" (346 mm)	3 7/8" (98 mm)	8 1/8" (207 mm)	2 5/8" (67 mm)	5 7/8" (150 mm)
2"	6 3/8" (162 mm)	1 3/4" (43 mm)	3 3/4" (95 mm)	13 5/8" (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

With T-Kit Installed



Size	A	B	C	D	E	F	G	H
3/4"	5" (128 mm)	1 3/8" (36 mm)	2 3/8" (60 mm)	12 5/8" (320 mm)	3 3/8" (86 mm)	4 5/8" (116 mm)	8 1/2" (216 mm)	2 3/4" (71 mm)
1"	5" (128 mm)	1 3/8" (36 mm)	2 3/8" (60 mm)	12 5/8" (320 mm)	3 3/8" (86 mm)	4 5/8" (116 mm)	8 1/2" (216 mm)	2 3/4" (71 mm)
1 1/4"	5 3/8" (137 mm)	1 3/8" (36 mm)	2 3/4" (71 mm)	13 7/8" (353 mm)	3 3/8" (84 mm)	5 1/2" (139 mm)	8 1/2" (216 mm)	2 7/8" (73 mm)
1 1/2"	6 3/8" (162 mm)	1 3/4" (43 mm)	3 3/4" (95 mm)	17" (432 mm)	3 7/8" (98 mm)	8 1/8" (207 mm)	8 1/2" (216 mm)	3 1/4" (81 mm)
2"	6 3/8" (162 mm)	1 3/4" (43 mm)	3 3/4" (95 mm)	17" (432 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
(BSPP Available)

Installation Orientation

Horizontal or Vertical

Electrical Requirements

None

Valve Materials

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

Rating

400 PSI

Compliance

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

Model 1011 Valve Approvals

UL/Ulc (EX4019 & EX4533)

FM



AGF Manufacturing Inc.



Phone: 800.263.7011

Job Name: _____

Architect: _____

Engineer: _____

Contractor: _____