Updated document

ANGLE TEST & DRAIN VALVE

Model A62

1 ¼" y 2" NPT Threaded

Características

AG Fire Sprinkler's Model A62 Test & Drain Valve for sprinkler systems combines test and drain functions in one compact valve with its space-saving angled inlet and outlet.

The Model A62 Test & Drain Valve is designed to operate at a maximum working pressure of 300 psi (21 bar). Its angled shape has been specifically designed for ease of installation, as well as to save space by allowing it to be placed in areas where space is limited. In addition, it is equipped with two polycarbonate sight glasses for visual verification of its operation and an actuation system that is resistant to accidental tampering.

The A62 valve is a ball valve with a single handle, but with three operating positions.

- *OFF* position: The valve is closed; it does not allow water to pass through it.
- *TEST* position: The ball inside the valve rotates to a position where water can pass through it, but has to pass through an orifice with a certain K-factor. This simulates that a sprinkler in the system is leaking in order to check its correct operation.
- *DRAIN* position: The valve is fully open, draining as much water as possible through the valve.

The Test & Drain A62 valve is supplied with NPT threads at its inlet and outlet, which can be 1 ¼" or 2". In its upper part, it also has a ½" plug where a relief valve can be connected, depending on the function to be performed by the Test & Drain.



Approvals

1. Listed by Underwriters Laboratories, Inc.
2. NFPA-13, NFPA-13R & NFPA-13D compliant.

Technical information

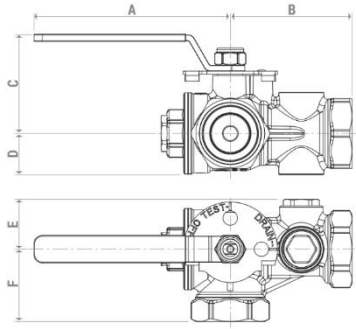
- **Model:** A62
- **Working pressure:** 300 psi (21 bar)
- **Available sizes:** 1 ¼" (DN32) or 2" (DN50)
- **Connection:** Female NPT thread at inlet and outlet
- **Finishing:** Natural brass
- **K-Factor:** K40, K60, K80 or K115 for 1 ¼" sizes & K60, K80, K115, K160, K200, K240, K320, K360 for 2" sizes.

Materials

The materials of which the Test and Drain Model A62 valve is made are as follows.

The body of the valve is made from forged brass and the inner ball is chrome-plated brass with fiberglass reinforced PTFE seats. The position indicator disc is also made of brass, but the handle is made of steel with a red plastic coating on the end and the transparent sight glasses are made from polycarbonate.

Dimensions



Size	Dimensions inches (millimeters)					
	A	B	C	D	E	F
1-1/4" DN32	5-1/4" (133.35)	3-5/16" (83.18)	2-11/16" (68.26)	1-3/32" (27.79)	1-23/64" (31.75)	1-31/32" (49.21)
2" DN50	6-13/16" (173.04)	3-55/64" (96.84)	4" (101.60)	1-5/8" (41.28)	1-25/64" (32.51)	1-1/16" (26.99)

Ordering information

Valve size	Angle Test & Drain A62								
	K - Factor								
	K40 (2.8)	K60 (4.2)	K80 (5.6)	K115 (8.0)	K160 (11.2)	K200 (14)	K240 (16.8)	K320 (22.4)	K360 (25.2)
1-1/4" (DN32)	A009139	A009140	A009141	A009142					
2" (DN50)		A009143	A009144	A009145	A009146	A009147	A009148	A009149	A009150

The equipment presented in this data sheet is to be installed in accordance with the latest published Standards of the national fire protection association (NFPA), FM Global, LPCB, VdS or other similar organizations, also with the provisions of governmental codes or ordinances whenever applicable.
This documentation is not contractual. AG Fire Sprinkler reserves the right to any kind of change without notice.

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