

Angle test and drain valves with pressure relief valve

Fire
Protection

Datasheet
1197EN 11/2025



A62K

A62K angle test and drain valves for sprinkler systems combined with adjustable Pressure Relief Valve, complete with by-pass pipe and fittings. Angle shape is specifically designed for convenient installation.

A62K valves is made of DZR (dezincification resistant) brass body with chrome plated brass ball valve and PTFE seats.

The valves features a single handle with three working positions. They include tamper resistant test orifice and sight glass for the visual control.

In compliance with the requirements of NFPA-13, NFPA13R and NFPA-13D and with UL for fire protection applications with water. The A62K test and drain valve is equipped with a Pressure Relief Valve kit. The Pressure Relief Valve kit includes an adjustable Pressure Relief Valve along with a hose and all fittings needed to connect the Pressure Relief Valve to the test and drain valve. The Pressure Relief Valve is UL listed and FM approved as 300 psi pressure rated for use on fire protection systems; the relief pressure of the valve is adjustable from 175 psi to 310 psi.

➤ Versions and product codes

SERIES	SIZE	TYPE
A62K	1-1/4" x 1-1/4"	
	2" x 2"	NPT-F inlet x NPT-F outlet
A62K	1-1/4" x 1-1/4"	
	2" x 2"	Groove inlet x NPT-F outlet

► Technical data

Test and drain valve

- Suitable for fire protection applications with water
- Rated pressure: 300 psi (20,6 bar)

Materials

- Forged DZR EN 12165 CW602N brass body
- Chrome plated ball
- Steel lever handle with anti-corrosion treatment and red PVC coating
- Valve seat in PTFE
- Indication disk in brass
- Sight glasses in polycarbonate
- By-pass drain pipe in plastic material

Approvals

- UL 258:2025

Pressure relief valve

- Size: 1/2" (DN15)
- Rated pressure: 300 psi (20,6 bar)
- Setting pressure range: 175-310 psi (12-21,4 bar)

Materials

- Valve body in brass
- Valve seat in brass
- Sealing rubber in EPDM
- Spring in stainless steel
- O-Ring in EPDM
- Washer in Brass
- Valve piston in brass
- Pressure adjustment screw in stainless steel
- Adjustment cap in brass
- Piston O-Ring in EPDM
- Sealing rubber retaining screw in stainless steel

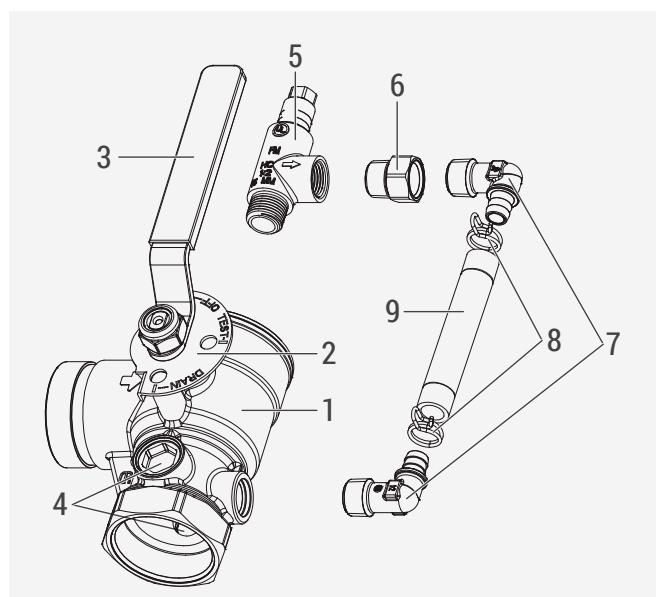
Approvals

- UL
- FM

► Orifice/K-factor

VALVES SIZE	SIZE	K FACTOR
1-1/4"	3/8"	2,8
	7/16"	4,2
	1/2"	5,6
	17/32"	8,0
	7/16"	4,2
	1/2"	5,6
	17/32"	8,0
	5/8"	11,2
2"	3/4"	14,0
	15/16"	16,8
	1-5/64"	22,4
	1-9/64"	25,2

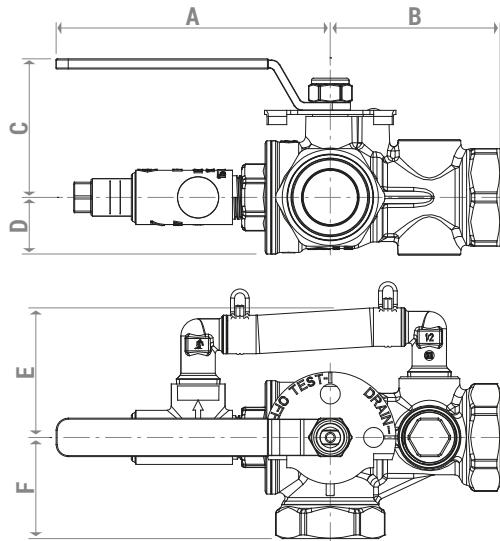
► Components



- 1 Valve body
- 2 Indication disc
- 3 Lever handle
- 4 Sight glasses
- 5 Pressure Relief Valve
- 6 Straight fitting
- 7 90° elbow fitting
- 8 Clip
- 9 Hose

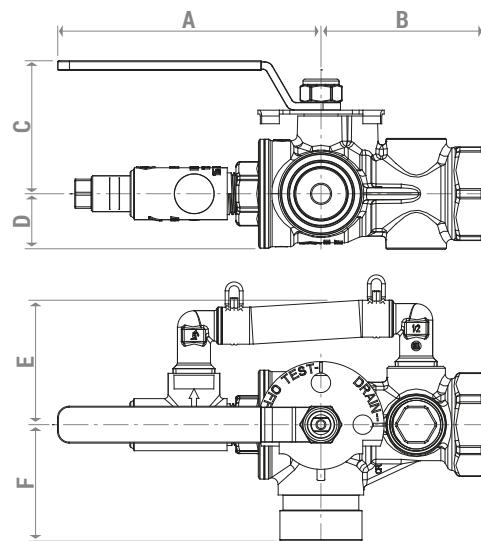
► Dimensions

A62K (NPT-F x NPT-F)



SIZE	A	B	C	D	E	F
1-1/4"	5-1/3"	3-1/3"	2-2/3"	1-1/9"	2-1/2"	2"
2"	6-4/5"	3-6/7"	4"	1-3/5"	3"	2-2/3"

A62K (Groove x NPT-F)



SIZE	A	B	C	D	E	F
1-1/4"	5-1/3"	3-1/3"	2-2/3"	1-1/9"	2-1/2"	2-1/3"
2"	6-4/5"	3-6/7"	4"	1-3/5"	3"	3-2/5"

► Product specifications

A62K

Angle test and drain valve for sprinkler systems combines the functions of test and drain for sprinkler systems. In compliance with the requirements of NFPA-13, NFPA-13R, NFPA-13D and with UL for fire protection applications with water. The kit includes a Pressure Relief Valve, field adjustable from 175 to 310 psi, and by-pass with plastic pipe and fittings.

Main feature as following:

- NPT threads 1-1/4", 2"
- Groove x NPT-F connections: 1-1/4", 2".
- Forged DZR UNI EN 12165 CW602N brass body
- Chrome plated brass ball
- PTFE seats
- Single handle ball valves with three working positions
- Tamper resistant test orifice and sight glass included.
- Adjustable Pressure Relief Valve
- Plastic by-pass drain pipe.

⚠ Safety Warning. Installation, commissioning and periodical maintenance of the product must be carried out by qualified operators in compliance with national regulations and/or local standards. A qualified installer must take all required measures, including use of Individual Protection Devices, for his and others' safety. An improper installation may damage people, animals or objects towards which Giacomini S.p.A. may not be held liable.

♻ Package Disposal. Carton boxes: paper recycling. Plastic bags and bubble wrap: plastic recycling.

ⓘ Additional information. For more information, go to giacomini.com or contact our technical assistance service. This document provides only general indications. Giacomini S.p.A. may change at any time, without notice and for technical or commercial reasons, the items included herewith. The information included in this technical sheet do not exempt the user from strictly complying with the rules and good practice standards in force.

ⓘ Product Disposal. Do not dispose of product as municipal waste at the end of its life cycle. Dispose of product at a special recycling platform managed by local authorities or at retailers providing this type of service.