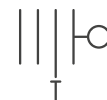


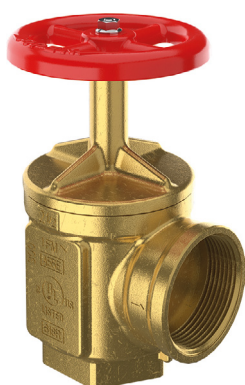
A55E, A56E, A55EG, A56EG



Fire
Protection

Angle hose valves, threaded or grooved connections

Manual
047U59558  12/2023



A55E



A56E



A55EG



A56EG

Forged brass angle pattern hose valves, with threaded or grooved connections, intended to control the flow of the water from the main risers in standpipe systems.

Turning the handle counterclockwise the hose valve opens, allowing the water to flow out from the valve; turning the handle clockwise, the valve shuts off.

Hose valves are used with a Fire Hose Rack Assembly, or as Fire Department outlet connections.

Versions and product codes

SERIES	SIZE	TYPE
A55E	1-1/2" x 1-1/2"	NPT-F inlet x NPT-F outlet
	2-1/2" x 2-1/2"	NPT-F inlet x NPT-F outlet
A56E	1-1/2" x 1-1/2"	NPT-F inlet x HOSE THREAD-M outlet
	2-1/2" x 2-1/2"	NPT-F inlet x HOSE THREAD-M outlet
A55EG	2-1/2" x 2-1/2"	Groove inlet x NPT-F outlet
A56EG	2-1/2" x 2-1/2"	Groove inlet x HOSE THREAD-M outlet

► Technical data

- Rated pressure: 300 PSI (20,6 bar)

Materials

- Body: forged brass CuZn40Pb2 in accordance with European Standard EN 12165 CW617N, similar to American Standard ASTM B124 C37700
- Stopper: forged brass CuZn40Pb2 in accordance with European Standard EN 12165 CW617N, similar to American Standard ASTM B124 C37700
- Stem: brass EN 12164 CW617N 1-1/2" models; CW713R for 2-1/2" models
- Handwheel: red painted aluminum

Approvals: A55E, A56E, A55EG, A56EG



Loss of pressure

SERIES	SIZE	EQL [ft.]
A55E	1-1/2" x 1-1/2"	12.56
	2-1/2" x 2-1/2"	13.98
A56E	1-1/2" x 1-1/2"	12.56
	2-1/2" x 2-1/2"	13.98
A55EG	2-1/2" x 2-1/2"	13.98
A56EG	2-1/2" x 2-1/2"	13.98

NOTE. Resistance of valves to flow of water expressed in equivalent feet of straight pipe (Hazen-Williams coefficient for schedule 40 steel pipe, 120)

➤ Installation

For installation requirements refer to NFPA 13 for sprinkler systems or to NFPA 14 for Standpipe and hose systems. These valves are intended to be tested after installation in accordance with NFPA14 or NFPA 13 whichever is applicable and maintained periodically in accordance with NFPA 25.

- Check size and thread of the valve before connecting to pipes or other components.
- When the system has been thoroughly flushed, ensure that all debris and impurities, are removed.

From the inlet side the valve must be installed on a properly sized NPT or grooved pipe line using appropriate tools through the hexagon on the body.

During the installation pay attention not to deform any part of the valve, as this could compromise the valve functioning.

➤ Operating

To open the valve, turn the handwheel counter clockwise.

To shut off the valve, turn the handwheel clockwise.

When installed in preassembled cabinets or devices, read instructions of the manufacturer of the device for operation.

➤ Maintenance

Valves should be inspected periodically and after each use.

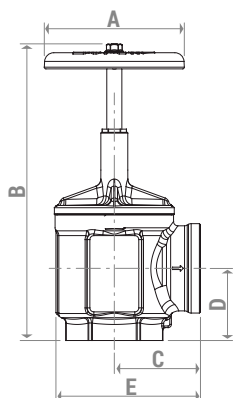
Clean unit as necessary, check to be sure stem move freely, and stopper closes properly.

For inspection, testing and maintenance requirements of Water-Based Fire Protection Systems refer to NFPA 25.

- It is recommended to conduct at least yearly a flow test.
- The valve should be inspected for damage or corrosion and is not designed to accept replacement parts other than the handwheel.
- The valve should be operated by hand, never using a torque bar or other device to exert pressure.
Excess torque may damage the seat and/or body, handle and other working parts.
- If the valve fails to perform as intended, the valve should be replaced.

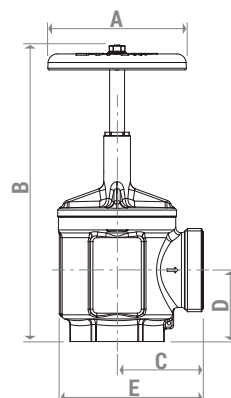
➤ Dimensions

A55E



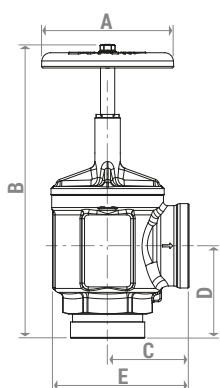
SIZE	A	B		C	D	E
		CLOSED	OPEN			
1-1/2" x 1-1/2"	4-1/32"	6-1/2"	7-19/32"	2-5/32"	1-7/8"	3-11/16"
2-1/2" x 2-1/2"	5-1/8"	8-29/32"	10-19/32"	3-5/32"	2-5/8"	5-11/32"

A56E



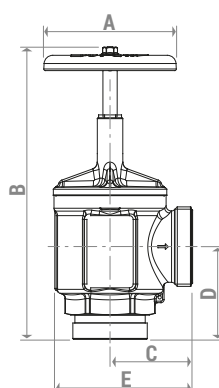
SIZE	A	B		C	D	E
		CLOSED	OPEN			
1-1/2" x 1-1/2"	4-1/32"	6-1/2"	7-19/32"	2-1/4"	1-7/8"	3-13/16"
2-1/2" x 2-1/2"	5-1/8"	8-29/32"	10-19/32"	3-3/16"	2-5/8"	5-3/8"

A55EG



SIZE	A	B		C	D	E
		CLOSED	OPEN			
2-1/2" x 2-1/2"	5-1/8"	9-25/32"	11-1/2"	3-5/32"	3-9/16"	5-11/32"

A56EG



SIZE	A	B		C	D	E
		CLOSED	OPEN			
2-1/2" x 2-1/2"	5-1/8"	9-25/32"	11-1/2"	3-3/16"	3-9/16"	5-3/8"

⚠ 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.

ℹ 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.