Backflow preventer AT 1169-



resideo

Product information

Protective device type CA with threaded connection for liquid category 3 according to SS-EN 1717. Integrated filter, compact design.

Dimension range (DN)	15 - 20
PN	10
Temperature (°C)	0 - 65
Main material	Brass

Area of use

Protective devices are used in backflow preventers to protect internal and external drinking water systems against backflow and overpressure. The protective covering is suitable for liquids up to category 3. The backflow preventer is of type CA in accordance with SS-EN 1717. It is used, for example, when filling heating and cooling systems.

Tender text

PSG.26 Backflow preventers
Backflow prevention device AT 1169-X... with pressure-controlled intermediate chamber. Protective module type CA for maximum protection coverage liquid category 3 according to SS-EN 1717.

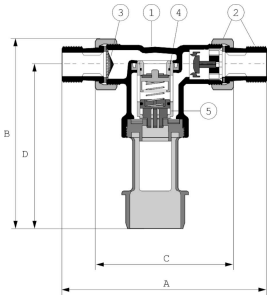
Quality assurance

AFS 2023:5, 8 paragraf, Fluid category 3, SS-EN 1717
Tested according to EN 14367.
Product marking: Manufacturer, DN, PN, flow direction, manufacturer and manufacturing number.

Energy and environment declaration

Product BVB ID: 21104
Subject to notification under REACH: Yes
Reach date: 12/06/2026

Pos	Component	Material



Measurements and weight

Dimension range (DN): 15 - 20

DN	A	B	C	D	Net weight (kg)
15	142	114	82	97	0.51
20	150	114	82	93	0.7

Function and design

Backflow preventer type CA covers the risks up to liquid category 3 when connecting drinking water. That is, "Liquid that poses a certain health risk due to the presence of one or more harmful substances".

The protective device is divided into three pressure zones through double check valves and an intermediate chamber with drainage. The intermediate chamber provides a safety zone between incoming drinking water and contaminated water downstream. When the differential pressure between the inlet zone and the intermediate zone drops below 10% of the inlet pressure, the intermediate chamber drains to atmosphere. The protection protects against both siphon backflow and pressure backflow.

The backflow preventer is equipped with an integrated filter in the inlet of the protective device.

Technical data

Main material: Brass
Main material code: Brass dezincification resistant (DZR)
Included materials: Brass, Stainless steel, Rubber
Included material code: Brass dezincification resistant (DZR), EPDM (ethylene propylene diene monomer rubber)
Temperature (°C): 0 - 65
PN: 10
Connection: Internal thread ISO 228-1 (G, BSPP)
ETIM classification: EC004501 - Backflow preventer

Installation and maintenance

Flowdirection: Uni-directional

Possible mounting position: Horizontal
Possible mounting position notes: "Mounted horizontally with drainage downwards."
In accordance with SS-EN1717:2025, which further refers to SS-EN 806-5, and with regard to maintenance, backflow protection/modules and other related fittings shall be checked, tested, and maintained in accordance with Annexes A, B, and C. Annex A describes the frequency, Annex B describes what is to be performed, and Annex C describes other equipment. This means for protection of type:
AB Inspection and maintenance every 6 months.
BA Inspection every 6 months and routine maintenance annually.
CA Inspection every 6 months and routine maintenance annually.
EA Inspection and routine maintenance annually.

The inlet strainer may need to be cleaned of dirt and metal shavings. The cone insert with back valve can be removed by unscrewing the drainage pipe at the bottom. It should be mounted horizontally with drainage downwards.

The company's management system
is certified by Kiwa
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post@armatec.no | +47 23 24 55 00 | www.armatec.no