



A-80 FILTER VALVE

Quarter-turn angle ball valves with built-in filter for surface mounting where the connection is made by threaded ends.

- European Brass, DW (4MS) quality for use in drinking water installations.
- Built-in filter to prevent small solids from entering the faucet.
- The knurled inlet thread make it easy to apply the sealant.
- 100% valves are tested for inner leakage.
- Strong one-piece body construction for secure installations.
- Double o-ring, ensures external leaktightness.



TECHNICAL SHEET A-80 ANGLE FILTER VALVE

PRODUCT DESCRIPTION

Quarter-turn angle ball valves with built-in filter for surface mounting with manual operation where the connection is made by threaded ends.

With their characteristics are specially suitable for preventing the entry of small solids and other impurities, protecting elements of the installations.

PRODUCT SCOPE

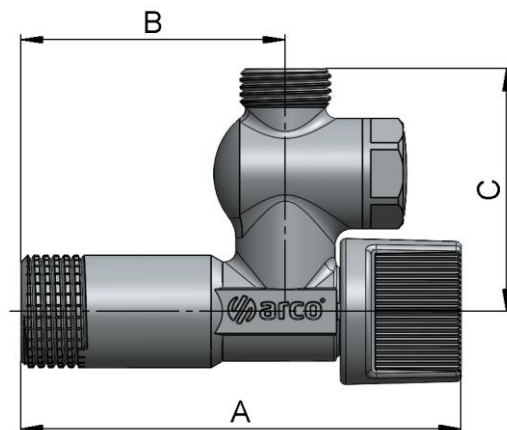
Designed for indoor plumbing installations, allowing individual shut-off of the water supply to sinks, washbasins, cisterns, and other points of use.

GENERAL DIMENSIONS, PRESSURE AND TEMPERATURE

ORIGINAL HANDLE WITHOUT NUT

Code	Size	A (mm)	B (mm)	C (mm)	PN (bar)	Temp. (°C)*
00738	1/2X3/8	80	48	44	16	0 to 95

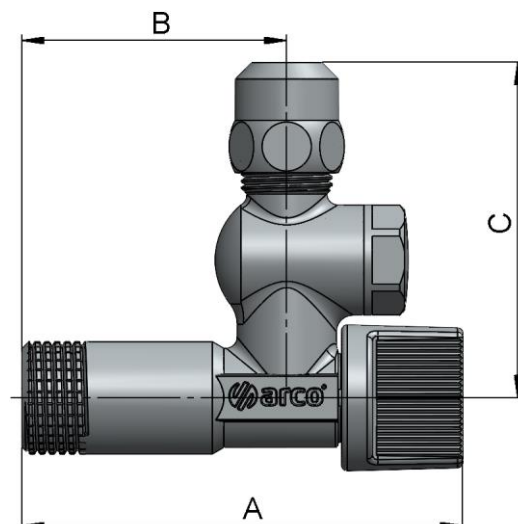
* Freezing is excluded.



ORIGINAL HANDLE WITH LONG NUT

Code	Size	A (mm)	B (mm)	C (mm)	PN (bar)	Temp. (°C)*
00735	1/2X3/8X10	80	48	61	16	0 to 95

* Freezing is excluded.

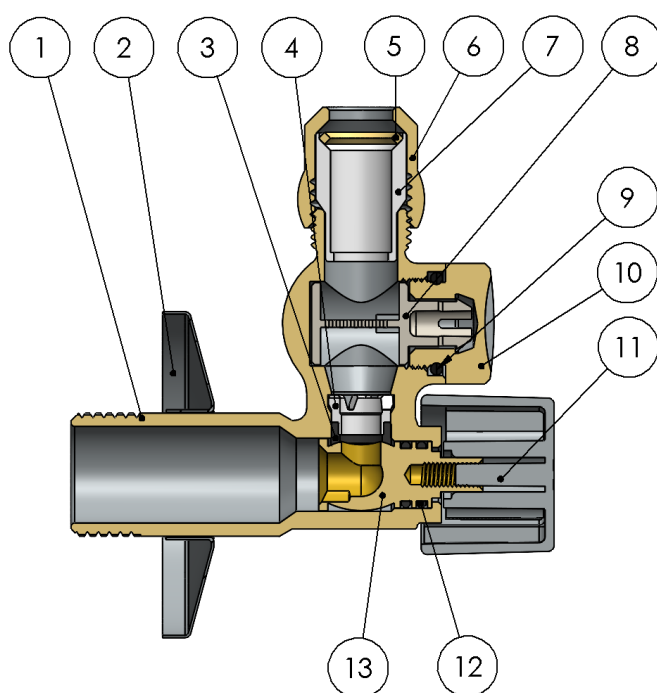




MATERIALS

Item	Component	Material	Finishing
1	Body	Brass CW617N	Chrome plated
2	Rosette	Stainless steel	Stainless steel
3	Seat	NBR	-
4	Supporting clip	POM	-
5	Washer*	Stainless steel	Stainless steel
6	Nut*	Brass CW614N	Chrome plated
7	Sleeve*	PA	-
8	Filter	POM	-
9	O-ring	EPDM	-
10	Filter cap	Brass CW614N	Chrome plated
11	Handle	ABS	Chrome plated
12	O-rings	EPDM	-
13	Stem-ball	Brass CW614N	Brass color

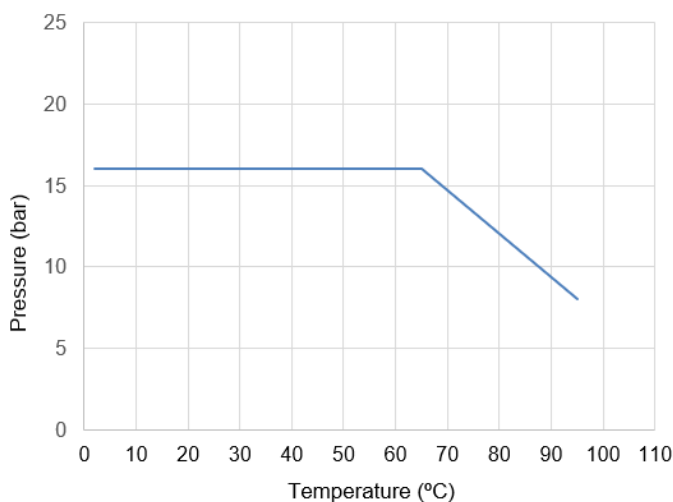
* Variable components according to model.





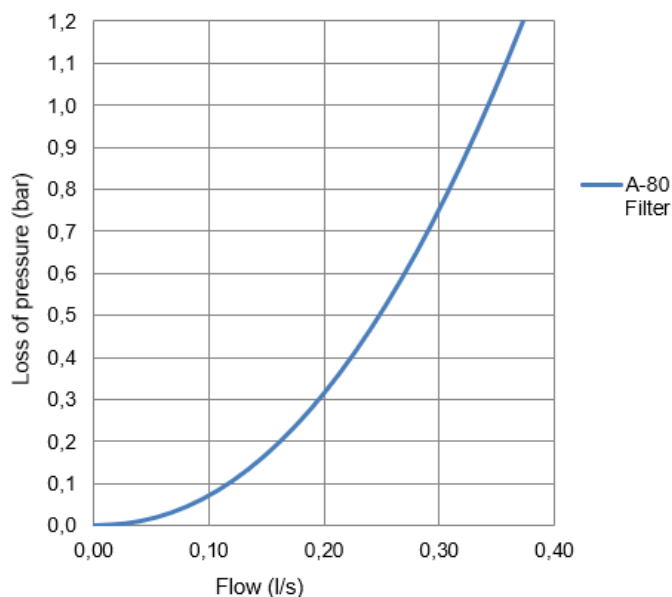
TECHNICAL DATA

Pressure vs. temperature



Temperature range excludes freezing.

Hydraulic features. Flow vs. loss of pressure.



Compatibility with fluids

Fluid	Compatibility
Drinking water and domestic hot water	Excellent

For any other fluid, please contact Arco technical service.

Size	A-80 FILTER
Kv	1,23

Kv (m³/h), cubic meters per hour that flow through the valve generating a loss of 1 bar pressure.

INSTALLATION AND OPERATION INSTRUCTIONS

Before performing any action, the water supply to the installation should be shut off. Make sure there is no dirt or foreign objects in the connection to the network. Apply the appropriate sealing material to the inlet thread of the valve. The valve should be installed with a suitable tool, preferably with a wrench to hold the body. The tool should act on the flat surfaces of the valve body to avoid deforming this area due to excessive pressure from the tool. Restore the water supply and check the tightness of all connections before fixing the valve to service.

Do not alter the assembly of the valve components; replacement or disassembly of the handle may cause external leaks. Quarter-turn valves should always operate in a fully open position.



All products have an environmental impact during its life cycle, even once retired. All the components of this product can be recycled. Once the use is over, leave the valve in any recycling green point. Válvulas Arco reserves the right to change the product or any of its technical specifications without prior notice.

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