



MINI FILTER VALVE

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

- VITAQ system, more life, less lime at higher temperatures.
- Without reducing flow, it prolongs comfort at service points.
- 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.



TECHNICAL SHEET MINI FILTER VALVE

PRODUCT DESCRIPTION

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

VITAQ system increase the valve life span and flow comfort in hard water areas.

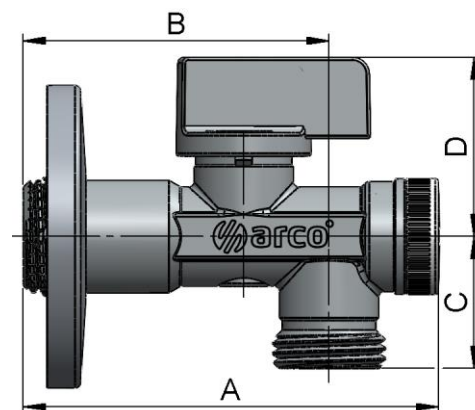
PRODUCT SCOPE

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

Code	Size	A (mm)	B (mm)	C (mm)	D (mm)	PN (bar)	Temp. (°C)*
02402MAC	1/2M X 3/8M	76	56	24	33	16	0 to 95
02402MAC02	1/2M X 3/8M	76	56	24	33	16	0 to 95
02402MAC03	1/2M X 3/8M	76	56	24	33	16	0 to 95
02400MAC	1/2M X 1/2M	75	56	24	33	16	0 to 95
02400MAC01	1/2M X 1/2M	75	56	24	33	16	0 to 95
02400MAC02	1/2M X 1/2M	75	56	24	33	16	0 to 95

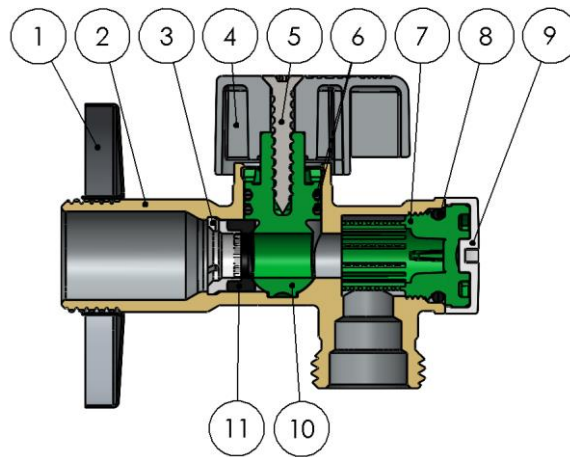
* Freezing is excluded.





MATERIALS

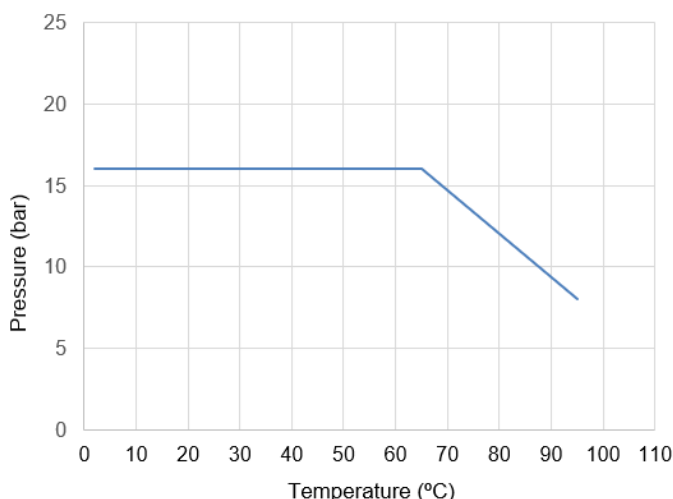
Item	Component	Material	Finishing
1	Rosette	Stainless steel	Stainless steel
2	Body	Brass CW617N	Chrome plated
3	Supporting clip	POM	-
4	Handle	ZAMAK	Chrome plated
5	Screw	Stainless steel	Stainless steel
6	O-rings	NBR	-
7	Filter	Anti-lime polymer	VITAQ
8	O-ring	NBR	-
9	Cap	ABS	-
10	Stem-ball	Anti-lime polymer	VITAQ
11	Seat	NBR	-





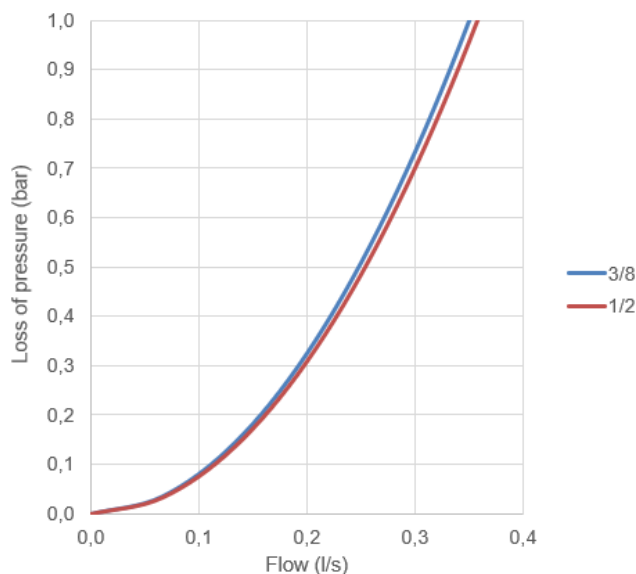
TECHNICAL DATA

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	3/8	1/2
Kv	1,26	1,29

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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