



DUAL FILTER VALVE

Quarter-turn angle ball valves with two simultaneous outlets in a single body.

- A single water inlet and two simultaneous outlets.
- 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, ensures external leaktightness.
- Metal handle.



TECHNICAL SHEET DUAL FILTER VALVE

PRODUCT DESCRIPTION

DUAL FILTER is a quarter-turn angle ball valve for surface mounting with built-in filter and two simultaneous outlets in a single body.

This valve allows the water supply to be cut off independently to the equipment connected at each of its two outlets, providing the following advantages:

- Avoid unnecessary works when there is only one water point and two services are required.
- Reduction in the number of threaded fittings.
- More than 80% reduction in installation time.
- Compact, less space for installation.
- Increased reliability and safety of the installation by reducing the number of connections.

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

PRODUCT SCOPE

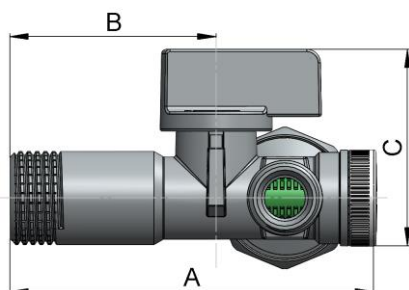
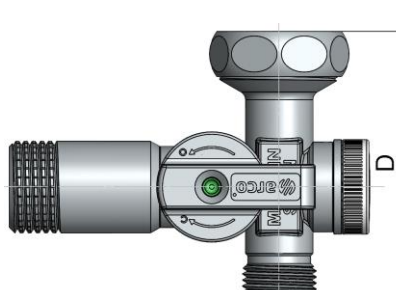
Designed for indoor plumbing installations, allowing to individually cut off the water supply to each of the 2 services connected to each outlet.

The filter makes them especially suitable for preventing the entry of small solids and other impurities, protecting elements of the installation such as the taps.

GENERAL DIMENSIONS, PRESSURE AND TEMPERATURE

Code	Size	A (mm)	B (mm)	C (mm)	D (mm)	PN (bar)	Temp. (°C)*
DUAL29	1/2M X3/4M X3/8M	79	45	43	59	16	0 to 95
DUAL2901	1/2M X3/4M X3/8M	79	45	43	59	16	0 to 95

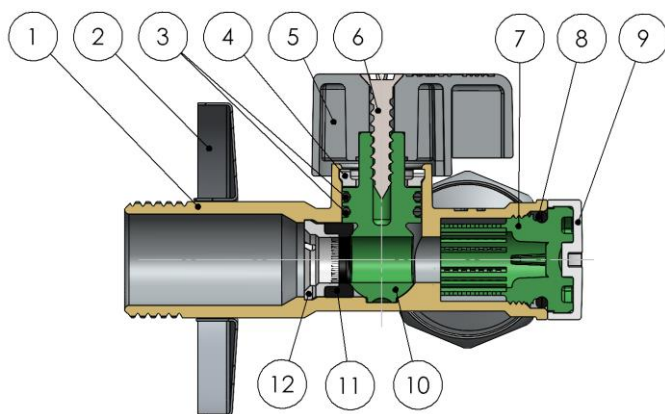
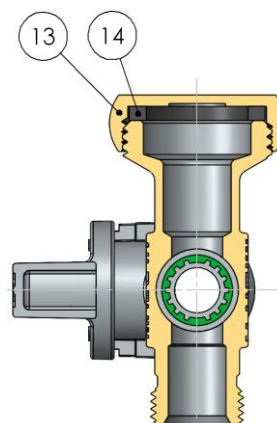
* Freezing is excluded.





MATERIALS

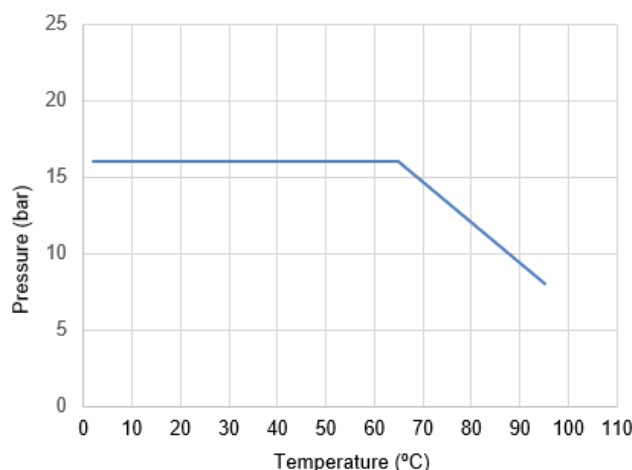
Item	Component	Material	Finishing
1	Body	Brass CW617N	Chrome plated
2	Rosette	Stainless steel	Stainless steel
3	O-rings	NBR	-
4	Supporting clip	POM	-
5	Handle	ZAMAK	Chrome plated
6	Screw	Stainless steel	Stainless steel
7	Filter	Anti-lime polymer	VITAQ
8	O-ring	NBR	-
9	Cap	POM	-
10	Stem-ball	Anti-lime polymer	VITAQ
11	Seat	NBR	-
12	Supporting clip	POM	-
13	Cap nut	Brass CW614N	Cromado
14	Flat joint	NBR	-





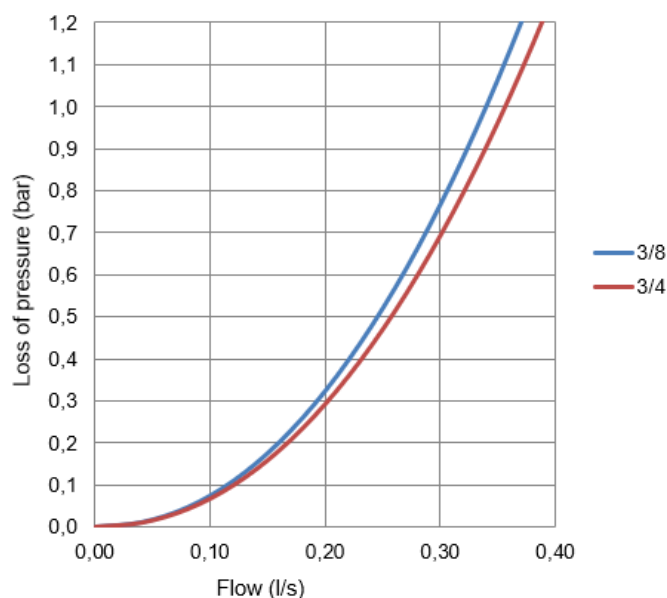
TECHNICAL DATA

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	Outlet 3/8	Outlet 3/4
Kv	1,22	1,28

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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