



A-80 VITAQ WHITE & BLACK VALVE

Quarter-turn ball angle ball valves 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.
- 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.
- Nickel-free water way for greater health.
- Double o-ring.
- White and black EPOXY paint finishings available.



TECHNICAL DATA SHEET A-80 VITAQ WHITE & BLACK VALVE

PRODUCT DESCRIPTION

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

It is electrostatically coated with EPOXY paint to achieve black and white finishes.

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

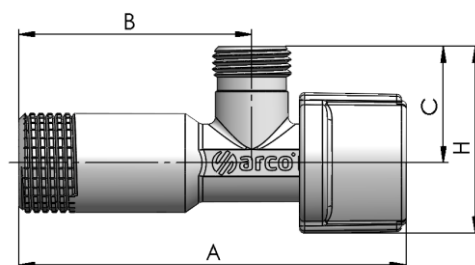
PRODUCT SCOPE

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

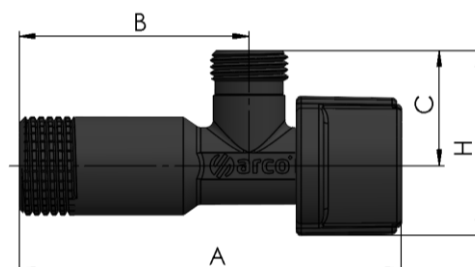
WHITE ABS HANDLE

Code	Size	A (mm)	B (mm)	C (mm)	H (mm)	PN (BAR)	Temp. (°C)
NOV41	1/2X3/8	80	48	24	38	16	0 to 95



BLACK ABS HANDLE

Code	Size	A (mm)	B (mm)	C (mm)	H (mm)	PN (BAR)	Temp. (°C)
NOV42	1/2X3/8	80	48	24	38	16	0 to 95
NOV43	1/2X1/2	80	48	26	40	16	0 to 95

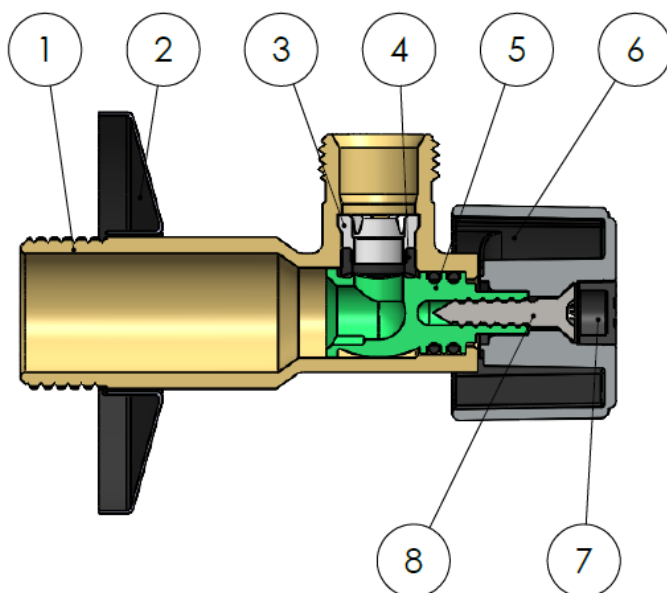




MATERIALS

Item	Component	Material	Finishing
1	Body	CW617N Brass	White or black Epoxy*
2	Rossete	Stainless steel	White or black Epoxy*
3	Supporting clip	POM	-
4	Seat	NBR	-
5	Ball-stem	Anti-lime polymer	VITAQ
6	Handle	ABS	White or black*
7	Index	ABS	White or black*
8	Screw	Stainless steel	-
9	O-ring	NBR	-

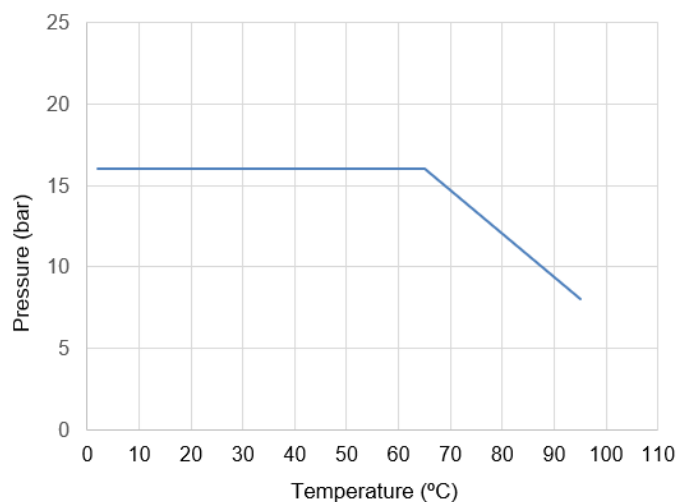
* Finish colour according to model





TECHNICAL DATA

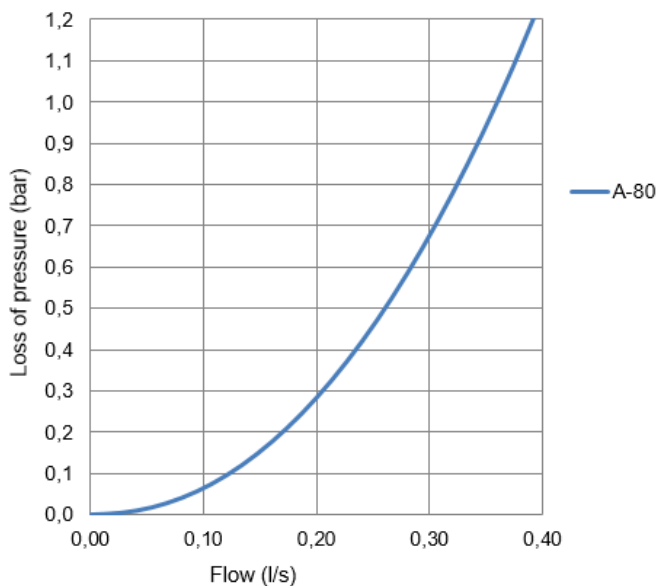
Pressure vs. temperature.



Excluding freezing

Hydraulic features.

Flow vs. Loss of pressure.



Compatibility with fluids

Fluid	Compatibility
Drinking water and sanitary hot water	Excellent

For any other fluid, please contact Arco technical service.

Size	A-80
Kv	1,30

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

INSTALATION INSTRUCTIONS

Before any action is taken, the water supply to the system should be shut off. Make sure that there is no dirt or foreign objects in the connection to the network. Apply suitable sealing material to the threads. The valve installation should be carried out using a suitable tool, preferably a fixed or adjustable wrench; hold it by the ends, applying force to the flat surfaces to avoid deforming these areas due to excessive pressure from the tool. Restore the water supply and verify the tightness of all connections before leaving the valve in service.

Do not disassemble or modify the internal components of the valve assembly, as this may cause external leaks. The maximum service life of ball valves is achieved when they are fully open or closed; it is recommended to avoid using the valve in intermediate positions continuously.



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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