A-80 NPT HEATER VALVE

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

- VITAQ system, more life, less lime at higher temperatures.
- Bigger passage section, lower pressure los and lower noise level.
- Without reducing flow, it prolongs comfort at service points.
- European Brass, DW (4MS) quality for use in drinking water installations.
- 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 NPT HEATER

PRODUCT DESCRIPTION

Quarter-turn angle ball valves with manual operation and ball-stem with larger water flow for surface mounting where the connection is made by threaded ends.

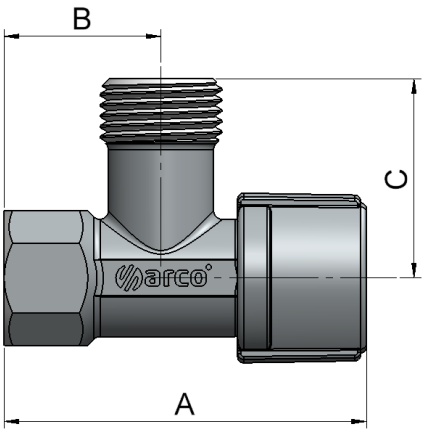
PRODUCT SCOPE

Specially design for indoor plumbing installations that require a valve that provides a higher service flow, allowing individual shut-off of the water supply to sinks, washbasins, cisterns, and other points of use.

GENERAL DIMENSIONS, PRESSURE AND TEMPERATURE

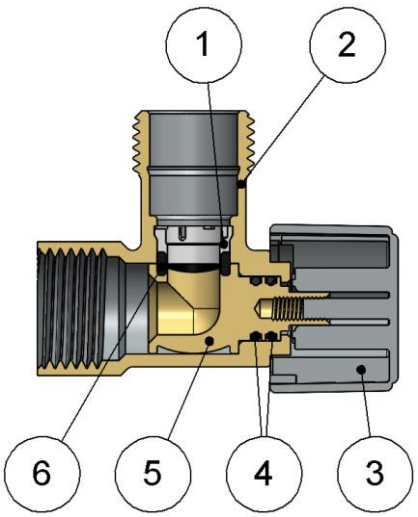
Code	Size	A (mm)	B (mm)	C (mm)	PN	Temp. (Cº)*
201230	1/2''FIPX1/2''NPSM	62	27	34	230 psi 16 bar	32 to 200ºF 0 to 95º

* Freezing is excluded.



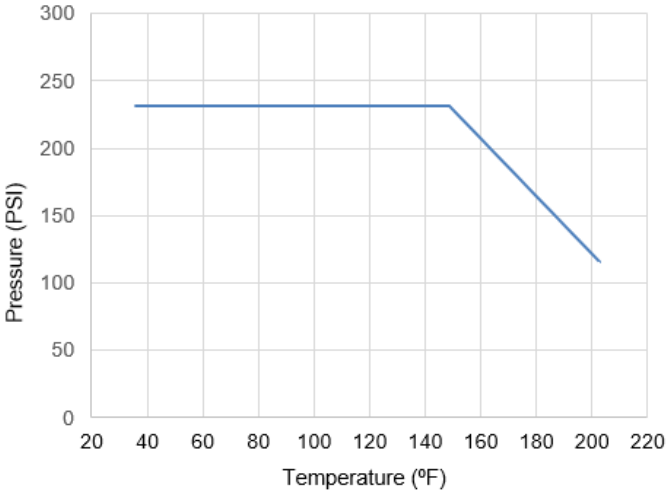
MATERIALS

Item	Component	Material	Finishing
1	Supporting clip	POM	-
2	Body	Brass CW617N	Chrome plated
3	Handle	ABS	Chrome plated
4	O-rings	NBR	-
5	Stem-ball	Brass CW614N	Brass color
6	Seat	NBR	-



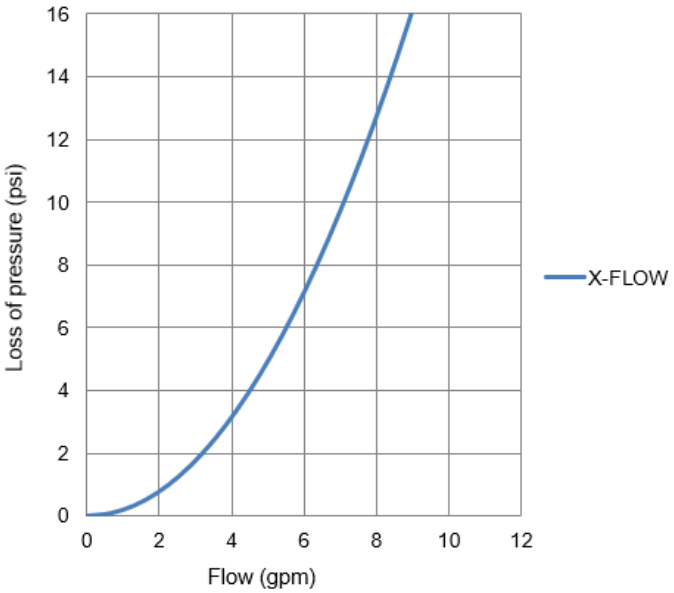
TECHNICAL DATA

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	X-FLOW
Cv	2,24

Cv (gpm), gallons per minute that flow throuhg the valve generating a los 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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