



NANO NPT TAP

Quarter-turn ball taps for outdoor or indoor plumbing installations such as gardens, terraces, yards...

- 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.
- 100% valves are tested for inner leakage.
- Strong one-piece body construction for secure installations.
- Double o-ring, ensures external tightness.



TECHNICAL SHEET NANO NPT TAP

PRODUCT DESCRIPTION

Quarter-turn ball tap with manual operation for plumbing installations, where the connection is made by threaded ends.

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

PRODUCT SCOPE

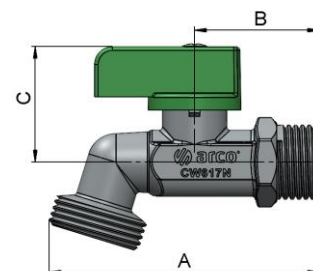
Specially designed for outdoor plumbing installations such as gardens, terraces, yards... or in indoor installations where the service tap is required.

GENERAL DIMENSIONS, PRESSURE AND TEMPERATURE

Code	Size	A (mm)	B (mm)	C (mm)	PN	Temp. *
00463	1/2" M X 3/4" HT	76	35	32	230 psi 16 bar	32 to 190°F 0 to 90°C

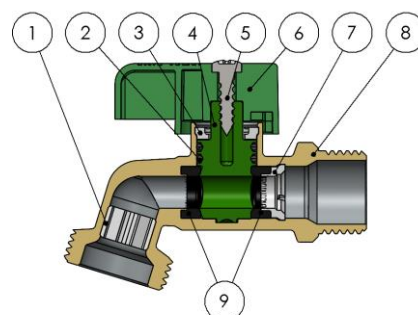
Threading according to ASME B1.20.1

* Freezing is excluded.



MATERIALS

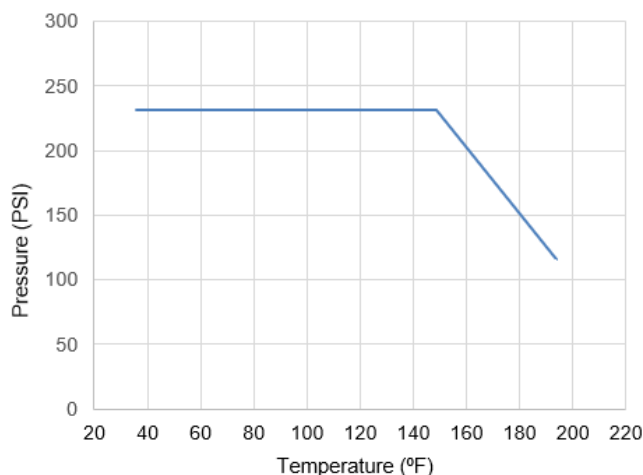
Item	Component	Material	Finishing
1	Aerator	PTFE	-
2	O-ring	EPDM	-
3	Supporting clip	POM	-
4	Stem-ball	Anti-lime polymer	VITAQ
5	Screw	Stainless Steel	Stainless steel
6	Handle	PA	Green
7	Supporting clip	POM	-
8	Body	Brass CW617N	Chrome plated
9	Seat	NBR	-





TECHNICAL DATA

Pressure vs. temperature



Temperature range excludes freezing.

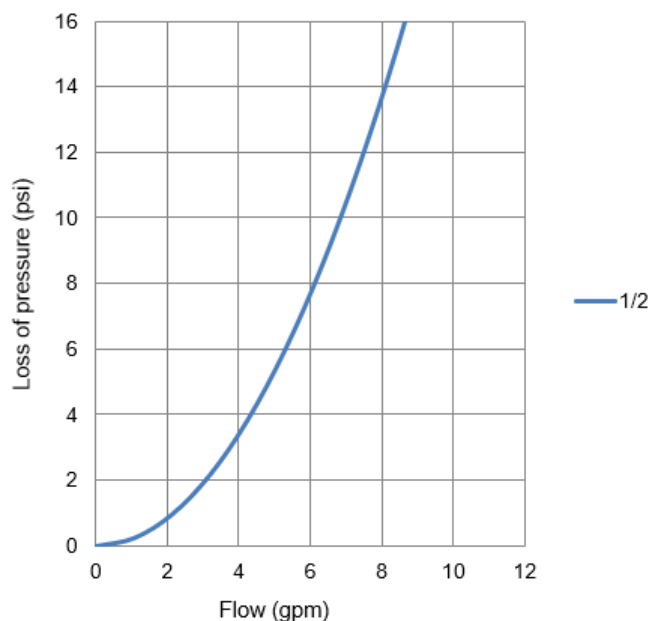
Compatibilidad de fluidos

Fluid	Compatibility
Drinking water and domestic hot water	Excellent

For any other fluid, please contact Arco technical service.

Hydraulic features.

Flow vs. loss of pressure.



Size	1/2"
Cv	2.2

Cv (gpm), gallons per minute that flow through the valve generating a loss of 1 psi 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.

Do not alter the assembly of the tap components; replacement or disassembly of them may cause external leaks or vary their operation.



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.

FT04420ING – Edition 2024-12