



LIFE NPT TAP

Tap with two operating modes (high flow or saving) for outdoor or indoor plumbing installations such as gardens, terraces, yards...

- Tap made of high-strength technical polymers.
- VITAQ system, more life, less lime at higher temperatures.
- Without reducing flow, it prolongs comfort at service points.
- Metal inlet connection, made of brass, maximum reliability in installation.
- Four operating positions.
- Each position is marked with a "click" sound.
- Two types of service: high flow or saving.
- Reversible opening handle, from right to left or from left to right.
- Nickel-free and environmentally friendly.
- Quick connection nozzle for hoses and with built-in diffuser.



TECHNICAL SHEET LIFE NPT TAP

PRODUCT DESCRIPTION

LIFE is a quarter-turn ball tap and manual operation, made of high-strength technical polymers, with two types of service: saving or high flow. Handle with reversible opening and "click click" system. 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.

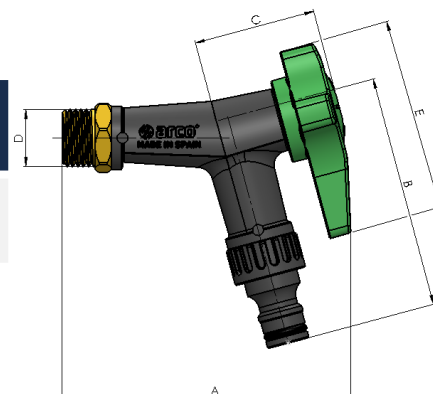
GENERAL DIMENSIONS, PRESSURE AND TEMPERATURE

Code	Size	A (mm)	B (mm)	C (mm)	E (mm)	PN	Temp.*
105610	1/2" M X QC	105	79	45	45	230 psi 16 bar	32 to 190°F 0 to 95°C

Threading according to ASME B1.20.1

* Freezing is excluded.

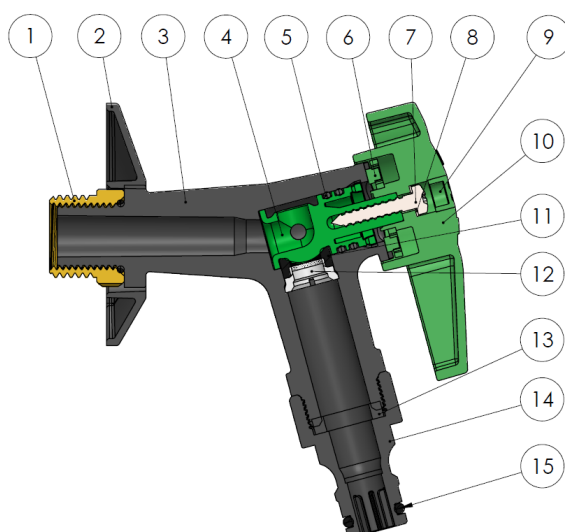
QC= Quick connection





MATERIALS

Item	Component	Material	Finishing
1	Inlet connection	Brass CW614N	Brass color
2	Rosette	PA	Black
3	Body	PA	Black
4	Stem-ball	Anti-lime polymer	VITAQ
5	O-ring	EPDM	-
6	Washer	POM	Green
7	Screw	Stainless steel	Stainless steel
8	Washer	Stainless steel	Stainless steel
9	Index	ABS	Green
10	Handle	PA	Green
11	Seat	EPDM	-
12	Supporting clip	POM	-
13	Joint	NBR	-
14	Nozzle	PP	Black
15	O-ring	NBR	-



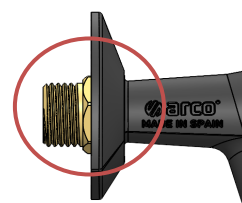
UV Protection

All technical components of the body that are exposed to the weather have a protection system against sun radiation, improving the life of the tap.



Metal connection

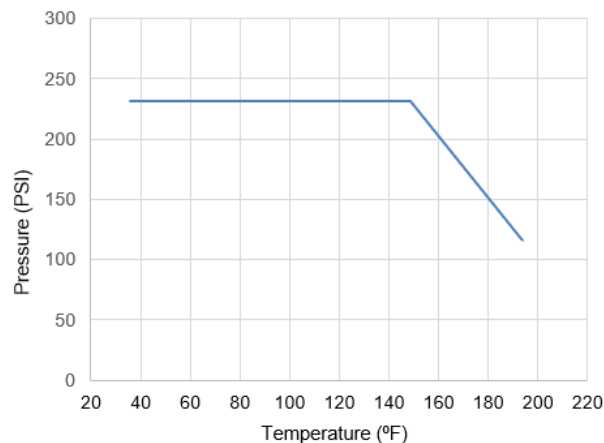
The tap has a brass insert in the inlet connection. Ensures maximum strength when connected to any type of fixture and using any sealant.





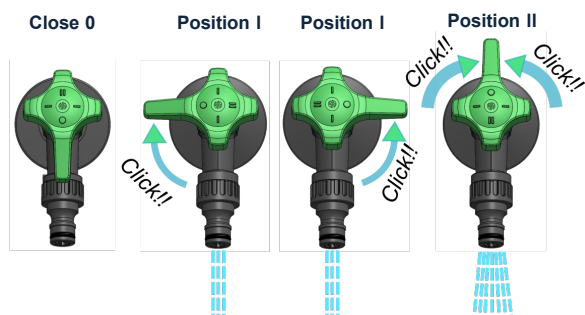
TECHNICAL DATA

Pressure vs. temperature



Temperature range excludes freezing.

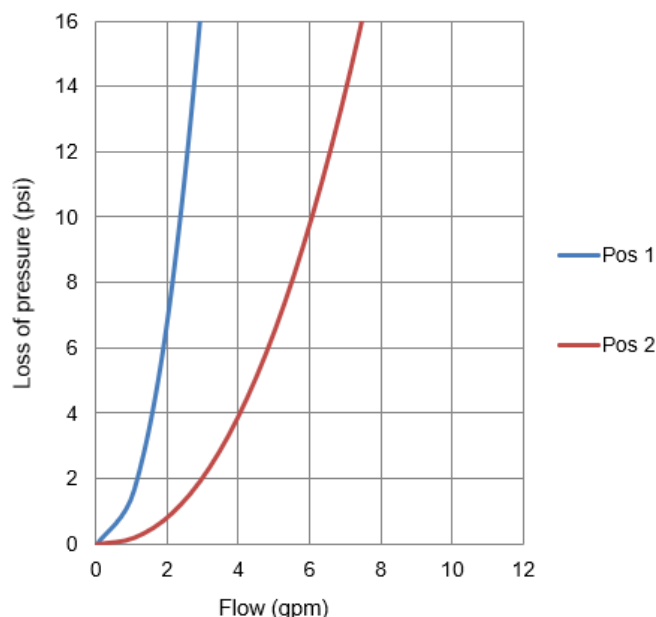
Two types of service lower and higher flow and reversible opening handle in the lower flow position



Two types of service: position I (lower flow) and position II (higher flow). Reversible opening handle opens both right and left in position I. Ergonomic design of the handle that provides greater manoeuvring hardness and a sound (click-click system!!) that indicates the correct positioning of the handle.

Hydraulic features.

Flow vs. loss of pressure.



Compatibility with fluids

Fluid	Compatibility
Drinking water	Excellent

For any other fluid, please contact Arco technical service.

Size	Pos 1	Pos 2
Cv	0.7	1.9

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. The handle has 4 clearly differentiated positions, never work in intermediate positions, as this could cause damage to the stem-ball and consequently leakage.

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



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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