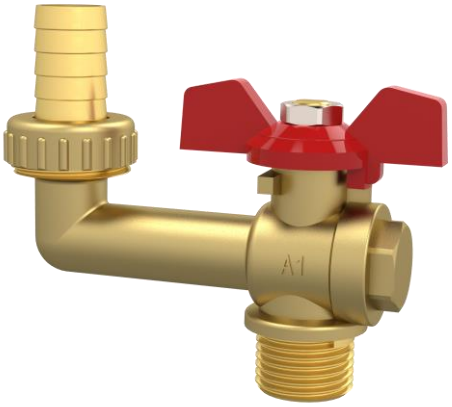


VERTICAL IRRIGATION TAP

Quarter-turn ball tap for gardening installations as a vertical irrigation tap.

- European Brass, DW (4MS) quality for use in drinking water installations.
- 100% valves are tested for inner leakage.
- Gland nut system.
- Metal handle.

TECHNICAL SHEET VERTICALIRRIGATION TAP

PRODUCT DESCRIPTION

Quarter-turn ball tap with manual operation for gardening installations, where the connection is made by a threaded end.

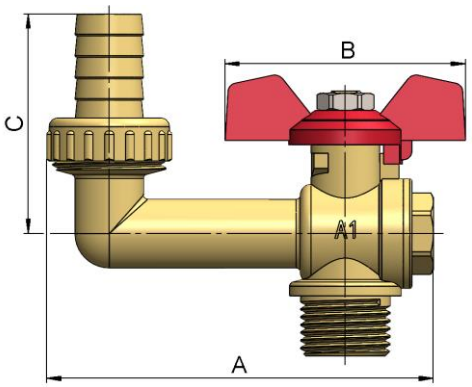
PRODUCT SCOPE

Specially designed for outdoor gardening installations where a vertical watering tap is required.

Ideal for water connections at ground level.

GENERAL DIMENSIONS, PRESSURE AND TEMPERATURE

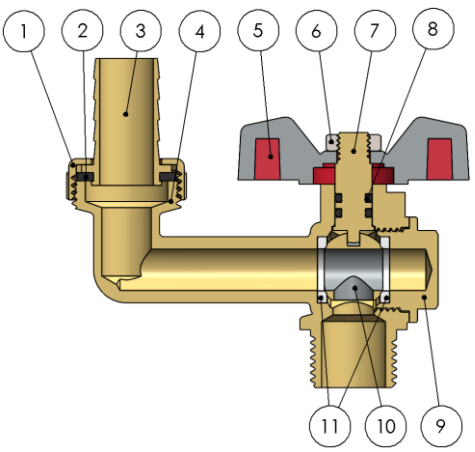
Code	Size	A (mm)	B (mm)	C (mm)	PN (bar)	Temp. (ºC)*
RH420	1/2M X 3/4M X 15	90	56	51	16	0 to 65
RH421	3/4M X 1M X 20	115	56	58	16	0 to 65
RH422	1M X 1 1/4M X 25	119	56	72	16	0 to 65



Threading according to ISO228
* Freezing is excluded.

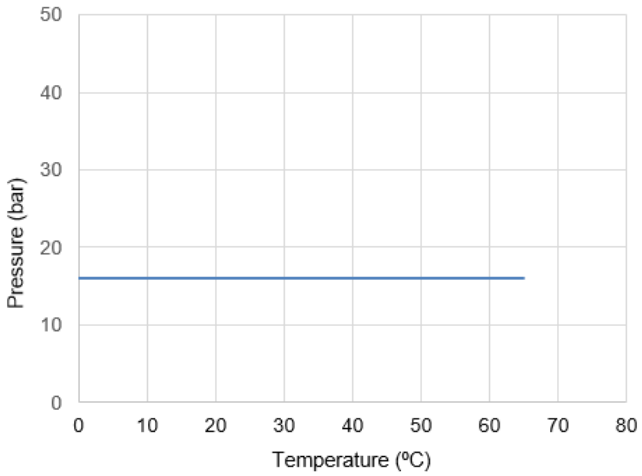
MATERIALS

Item	Component	Material	Finishing
1	Tap nut	Brass CW617N	Brass color
2	Joint	NBR	-
3	Nozzle	Brass CW617N	Brass color
4	Body	Brass CW617N	Brass color
5	Butterfly	ZAMAK	Red
6	Nut	Steel	Geomet® 500
7	Stem	Brass CW617N	Brass color
8	O-rings	NBR	-
9	Lateral	Brass CW617N	Brass color
10	Ball	Brass CW617N	Chrome plated
11	Seat	PTFE	-



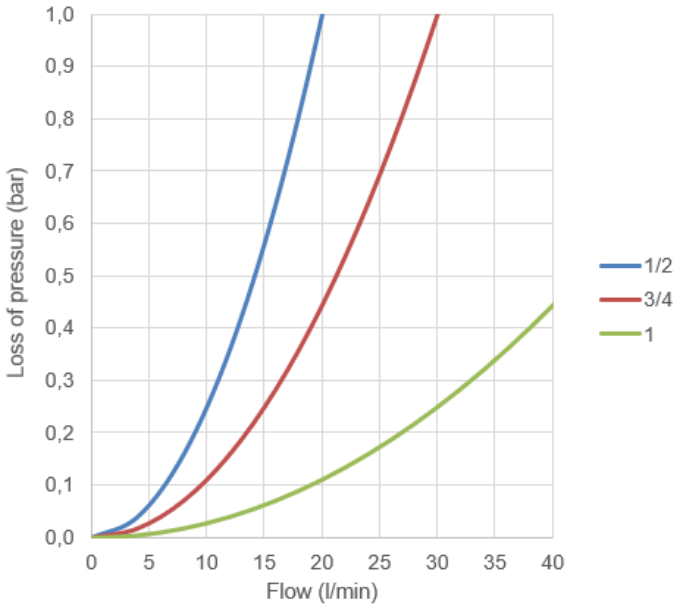
TECHNICAL DATA

Pressure vs temperature



Temperature range excludes freezing.

Hydraulic features.
Flow vs. loss of pressure.



Compatibility with fluids

Fluid	Compatibility
Drinking or irrigation water	Excellent

For any other fluid, please contact Arco technical service.

Medida	1/2	3/4	1
Kv	1,2	1,8	3,6

Kv (m^3/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.

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.

FT04060ING – Edition 2024-12

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