



LISTINGS & CERTIFICATIONS:

IAPMO listed to ASME a112,18,1 / CSA B125.1
(includes NSF/ANSI 372 and NSF/ANSI/CAN 61)

LIPSTICK ANGLE VALVES VITAQ ANTI-LIMESCALE SYSTEM INSIDE

LIPSTICK ANGLE VALVES, are quarter turn angle stop valves, installed upstream of a terminal fitting to shut off water supply in a quick and safe way isolating the device to service or replace.

- Two surface finishings: Polished chrome plated and matt black.
- Metal handle: ergonomic, compact and high endurance.
- VITAQ System: more life less lime scale at higher temperatures.
 - Increase your installation life span.
 - Smoother open/close operation.
 - Prevent lime scale blocks your valves.
- Ball-stem with 6 mm bore, more flow less energy loss.
- One piece stamped body, compact and resistant.
- Double o-ring on ball-stem to secure external leak tightness.
- 100% of the valves are tested for outer and inner leakage.



DATA SHEET LIPSTICK ANGLE VALVES

SERVICE CONDITIONS:

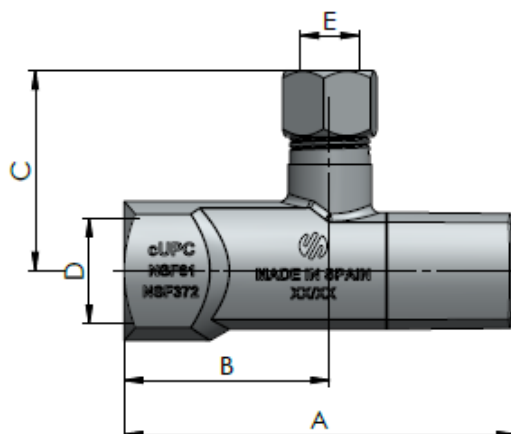
Operating Specifications	
Temperature	40° up to 160°F
Maximum Pressure	125PSI

GENERAL DIMENSIONS:

PRODUCT SCOPE:

1/4 turn valves for use in potable water distribution networks in residential and commercial applications, where an individual water supply shut off may be needed. For continuous hot water use up to 160 °F, for higher temperatures please contact us before using. These valves are intended to work in full open or full close position, intermediate positions may damage them.

Code	Size	A (inches)	B (inches)	C (inches)	D (inches)	E (inches)
214112C	1/2"FIP x 3/8"OD	2,76	1,46	1,42	1/2"FIP	3/8"OD
214112B	1/2"FIP x 3/8"OD	2,76	1,46	1,42	1/2"FIP	3/8"OD

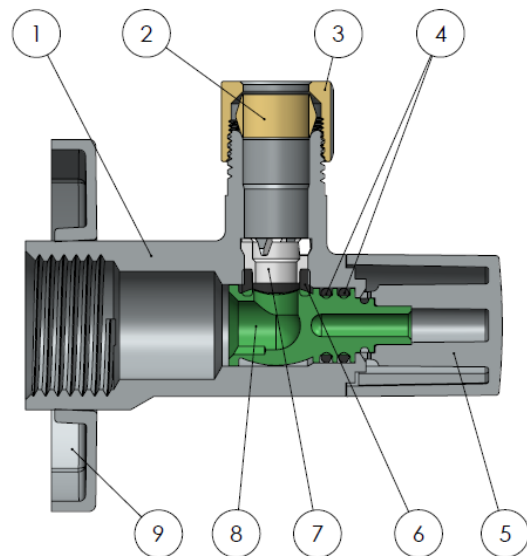


214112C – 214112B



COMPONENTS AND MATERIALS:

Item	Component	Material	Treatment
1	Body	Brass	Chrome plated Matte black
2	Sleeve	Brass	-
3	Nut	Brass	Chrome plated Matte black
4	O-rings	EPDM	-
5	Handle	ZAMAK	Chrome plated Matte black
6	Seat	EPDM	-
7	Supporting clip	POM	-
8	Ball-stem	Anti-lime polymer	VITAQ
9	Rosette	ABS	Chrome plated
		ZAMAK	Matte black



WARNING: Cancer and Reproductive Harm –
www.P65Warnings.ca.gov

TECHNICAL DATA

Flow rate

Flow rate according to Clause 5.4.2.3. per ASME A112.18.1-2018/CSA B125.1-18

Code	Measured Flow Rate at 20 psi (gpm)	Nominal Outlet Size	Minimum Flow Rate Requirement (gpm)
214112C	6,33	3/8"OD	4,0
214112B	6,33	3/8"OD	4,0

Fluid compatibility

Fluid	Compatibility
Water	Good

For other fluids, please contact our technical department.

INSTALLATION INSTRUCTIONS:

FOR COMPRESSION END CONNECTIONS.

- Switch off flow of water to installation area.
- Make sure the inlet and outlet pipes are square cut, round and free of burrs before installation. Clean any type of residues.
- Slide compression nut onto copper tube, then slide the sleeve.
- Instal the valve onto the copper tube and slide compression nut and sleeve up to the valve.
- Tighten nut until resistance is felt. Tighten additional 1/2 turn. Do not overtighten.
- Check operation of valve by turning handle to ensure connections are watertight.

FOR THREADED END CONNECTIONS.

- Switch off flow of water to installation area.
- Make sure the inlet and outlet pipes are square cut, round and free of burrs before installation. Clean any type of residues.
- Apply sealing material to the thread of the inflow pipe.
- Thread the valve onto supply pipe and tighten.
- Check operation of valve by turning handle to ensure connections are watertight.

Manufacturer assumes no responsibility due to improper installation



Every product has an impact on the environment during all stages of its life-cycle, including final disposal. All components of these valve can be recycled, deposit the valve in a green or recycled point when no longer useful. Válvulas Arco S.L. reserves the right to change our products and specifications at any time and without prior notice.

FT01310ING – Edition 2024-07