



LISTINGS & CERTIFICATIONS:

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

STRAIGHT VALVES

VITAQ ANTI-LIMESCALE SYSTEM INSIDE

VITAQ STRAIGHT 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.

- VITAQ System: more life less lime scale at higher temperatures.
 - Increase your installation life span.
 - Smoother maneuver.
 - Prevent lime scale blocks your valves.
- Ball-stem with anti-tamper system.
- Handle with VITAQ index: Ergonomic and compact and chrome plated for more endurance.
- 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 STRAIGHT VALVES

SERVICE CONDITIONS:

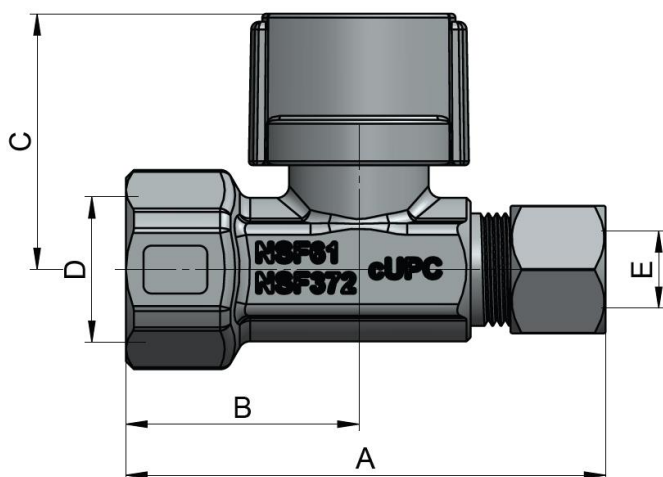
Operating Specifications	
Temperature	40° up to 160°F
Maximum Pressure	125PSI

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.

GENERAL DIMENSIONS:

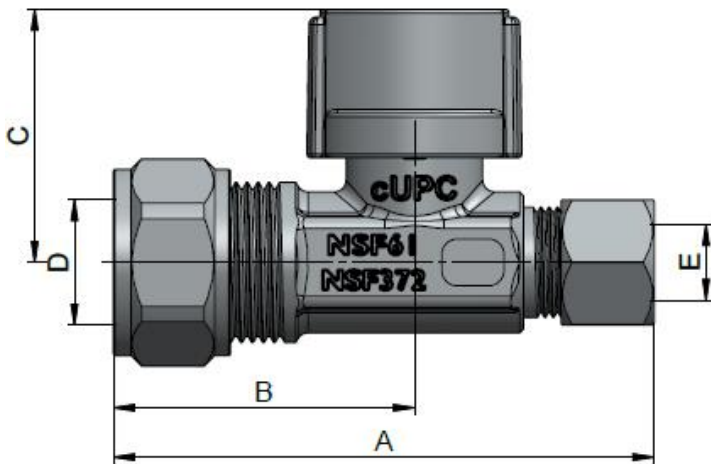
Code	Size	A (inches)	B (inches)	C (inches)	D (inches)	E (inches)
215010	3/8"FIP x 3/8"OD	2,36	1,14	1,26	3/8"FIP	3/8"OD
215110	1/2"FIP x 3/8"OD	2,36	1,14	1,26	1/2"FIP	3/8"OD



215010 - 215110



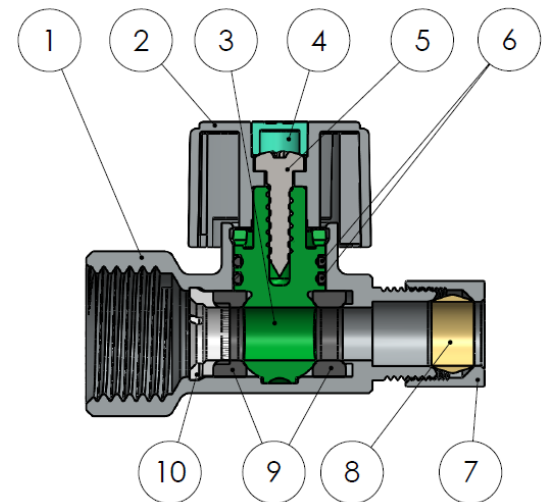
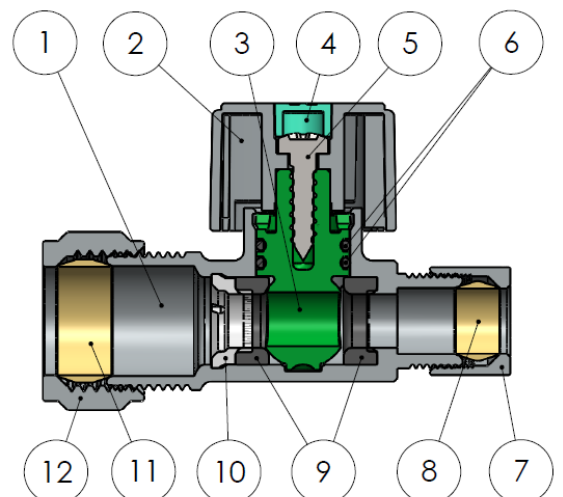
Code	Size	A (inches)	B (inches)	C (inches)	D (inches)	E (inches)
215210	1/4"nom Comp x 3/8"OD	2,76	1,22	1,26	1/4"nom Comp	3/8"OD
215300	1/2"nom Comp x 1/4"OD	2,64	1,54	1,26	1/2"nom Comp	1/4"OD
215310	1/2"nom Comp x 3/8"OD	2,72	1,54	1,26	1/2"nom Comp	3/8"OD
215320	1/2"nom Comp x 1/2"OD	2,95	1,54	1,26	1/2"nom Comp	1/2"OD



215210 - 215300
215310 - 215320

COMPONENTS AND MATERIALS:

Item	Component	Material	Treatment
1	Body	Brass	Chrome plated
2	Handle	ABS	Chrome plated
3	Ball-stem	Anti-lime polymer	VITAQ
4	Index	ABS	Green VITAQ
5	Screw	Inox	-
6	O-rings	EPDM	-
7	Nut	Brass	Chrome plated
8	Sleeve	Brass	-
9	Seat	EPDM	-
10	Supporting clip	POM	-
11	Sleeve	Brass	-
12	Nut	Brass	Chrome plated



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



TECHNICAL DATA

Flow rate

Code	Mesured Flow Rate at 20 psi (gpm)	Nominal Outlet Size	Minimum Flow Rate Requirement (gpm)
215010	13,32	3/8"OD	4,0
215110	13,56	3/8"OD	4,0
215210	10,91	3/8"OD	4,0
215300	4,08	1/4"OD	n/a*
215310	10,91	3/8"OD	4,0
215320	17,60	1/2"OD	5,5

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

*Note: The standard doesn't specify the flow rate requirements for supply stops with 1/4" outlet.

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.

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