



L-85, L-86 & L-94 VITAQ VALVE

Quarter-turn angle ball valves for surface mounting where the connection is made by threaded ends.

- 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.
- The knurled inlet thread make it easy to apply the sealant.
- 100% valves are tested for inner leakage.
- Strong one-piece body construction for secure installations.
- Double o-ring.



TECHNICAL SHEET L-85, L-86 & L-94 VITAQ VALVES

PRODUCT DESCRIPTION

Quarter-turn angle ball valves for surface mounting with manual operation, where the connection is made by threaded ends.

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

PRODUCT SCOPE

Designed for indoor plumbing installations, allowing individual shut-off of the water supply to washing machines and dishwashers.

The L-86 model is compact and vertically operated, allowing access to the handle from the top, for example, when the washing machine socket is behind it.

The L-94 is compact for tight spaces with front access to the handle.

GENERAL DIMENSIONS, PRESSURE AND TEMPERATURE

L-85 NOVA ABS HANDLE

Code	Size	A (mm)	B (mm)	C (mm)	PN (bar)	Temp. (°C)*
AC728A	1/2 M X 3/4 M	79	45	33	16	0 to 95
AC728A01	1/2 M X 3/4 M	79	45	33	16	0 to 95
AC728A02	1/2 M X 3/4 M	79	45	33	16	0 to 95

* Freezing is excluded.

** Includes blue index.

L-85 NOVA METAL HANDLE

Code	Size	A (mm)	B (mm)	C (mm)	PN (bar)	Temp. (°C)*
728MN	1/2 M X 3/4 M	77	45	33	16	0 to 95
728MN02	1/2 M X 3/4 M	77	45	33	16	0 to 95

* Freezing is excluded.

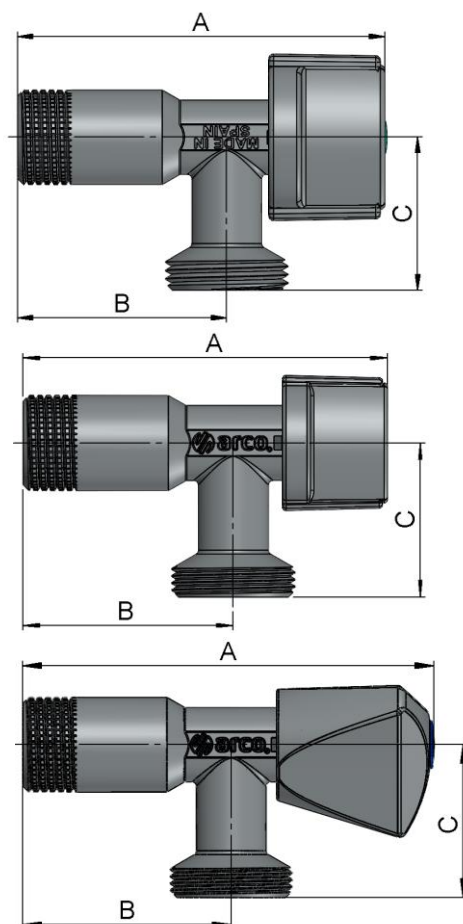
** Includes blue and red index.

L-85 LUXE METAL HANDLE

Code	Size	A (mm)	B (mm)	C (mm)	PN (bar)	Temp. (°C)*
728MLZ	1/2 M X 3/4 M	89	45	33	16	0 to 95

* Freezing is excluded.

** Includes blue index.





L-86 NOVA METAL HANDLE

Code	Size	A (mm)	B (mm)	C (mm)	PN (bar)	Temp. (°C)*
00729MAC	1/2 M X 3/4 M	59	27	43	16	0 to 95

* Freezing is excluded.

** Includes VITAQ index.

L-94 NOVA ABS HANDLE

Code	Size	A (mm)	B (mm)	C (mm)	PN (bar)	Temp. (°C)*
00725AC	1/2 M X 3/4 M	62	31	29	16	0 to 95

* Freezing is excluded.

** Includes VITAQ index.

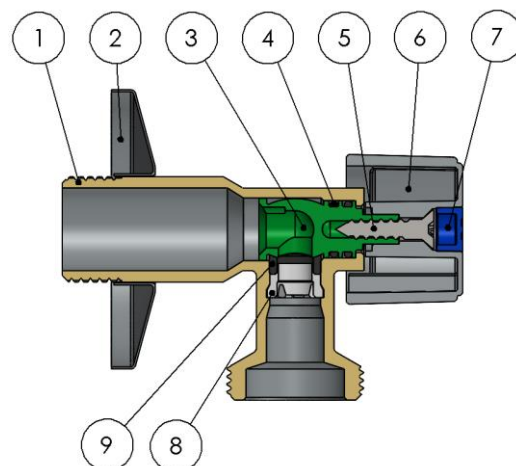
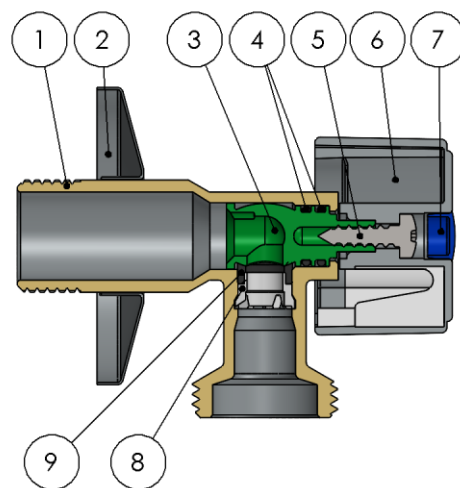
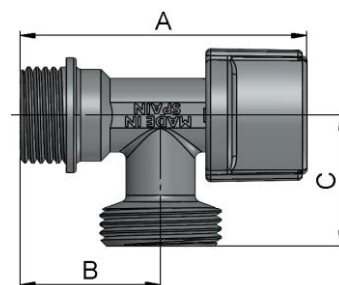
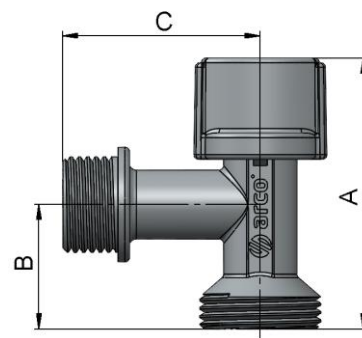
MATERIALS

MODELS AC728A, AC728A01 y AC728A02.

Item	Component	Material	Finishing
1	Body	Brass CW617N	Chrome plated
2	Rosette	Stainless steel	Stainless steel
3	Stem-ball	Anti-lime polymer	VITAQ
4	O-rings	NBR	-
5	Screw	Stainless steel	Stainless steel
6	Handle	ABS	Chrome plated
7	Index	ABS	Blue
8	Supporting clip	POM	-
9	Seat	NBR	-

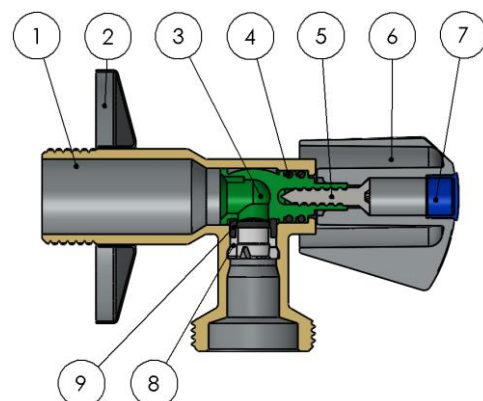
MODELS 728MN y 728MN02

Item	Component	Material	Finishing
1	Body	Brass CW617N	Chrome plated
2	Rosette	Stainless steel	Stainless steel
3	Stem-ball	Anti-lime polymer	VITAQ
4	O-rings	NBR	-
5	Screw	Stainless steel	Stainless steel
6	Handle	ZAMAK	Chrome plated
7	Index	ABS	Blue
8	Supporting clip	POM	-
9	Seat	NBR	-

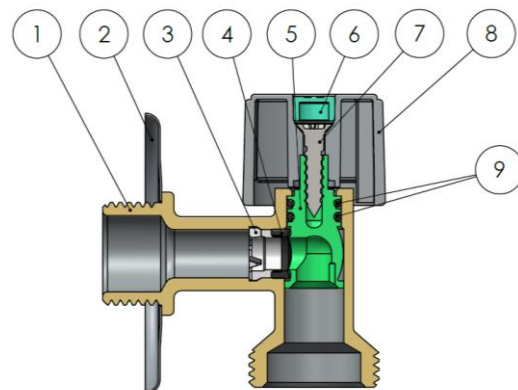



MODEL 728MLZ

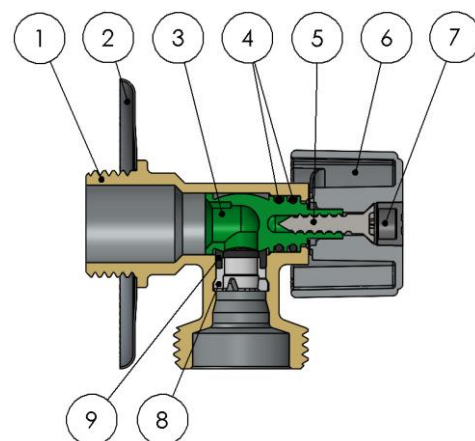
Item	Component	Material	Finishing
1	Body	Brass CW617N	Chrome plated
2	Rosette	Stainless steel	Stainless steel
3	Stem-ball	Anti-lime polymer	VITAQ
4	O-rings	NBR	-
5	Screw	Stainless steel	Stainless steel
6	Handle	ZAMAK	Chrome plated
7	Index	ABS	Blue
8	Supporting clip	POM	-
9	Seat	NBR	-


MODEL 00729MAC

Item	Component	Material	Finishing
1	Body	Brass CW617N	Chrome plated
2	Rosette	Stainless steel	Stainless steel
3	Supporting clip	POM	-
4	Seat	NBR	-
5	Stem-ball	Anti-lime polymer	VITAQ
6	Index	ABS	VITAQ
7	Screw	Stainless steel	Stainless steel
8	Handle	ZAMAK	Chrome plated
9	O-rings	NBR	-


MODEL AC725AC

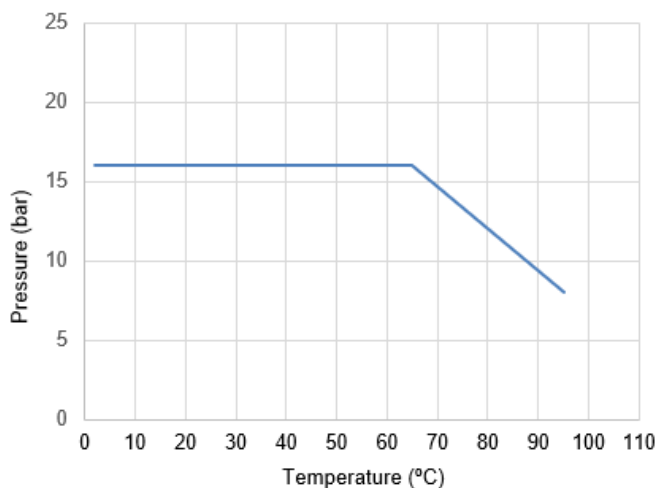
Item	Component	Material	Finishing
1	Body	Brass CW617N	Chrome plated
2	Rosette	Stainless steel	Stainless steel
3	Stem-ball	Anti-lime polymer	VITAQ
4	O-rings	NBR	-
5	Screw	Stainless steel	Stainless steel
6	Handle	ABS	Chrome plated
7	Index	ABS	Grey
8	Supporting clip	POM	-
9	Seat	NBR	-





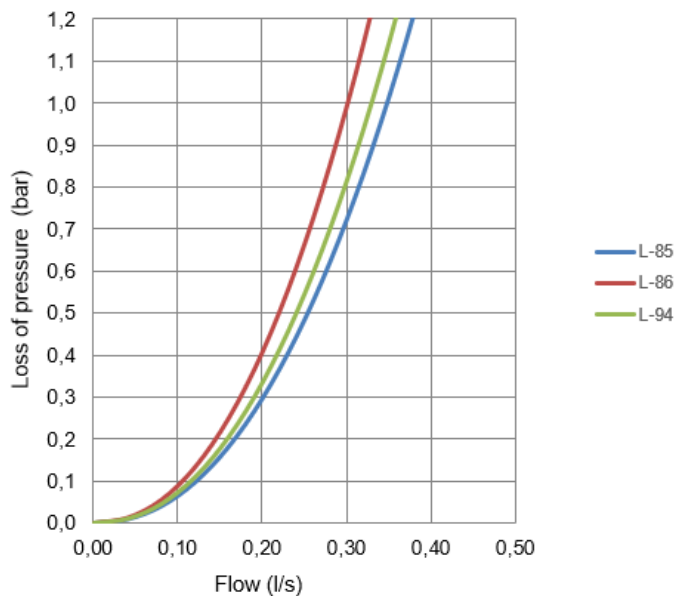
TECHNICAL DATA

Pressure vs. temperature



Temperature range excludes freezing.

Hydraulic features. Flow vs. loss of pressure.



Compatibility with fluids

Fluid	Compatibility
Drinking water and domestic hot water	Excellent

For any other fluid, please contact Arco technical service.

Size	L-85	L-86	L-94
Kv	1,25	1,08	1,19

Kv (m³/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. Restore the water supply and check the tightness of all connections before fixing the valve to service.

Do not alter the assembly of the valve components; replacement or disassembly of the handle may cause external leaks. Quarter-turn valves should always operate in a fully open position.



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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