

valvulasarco.com



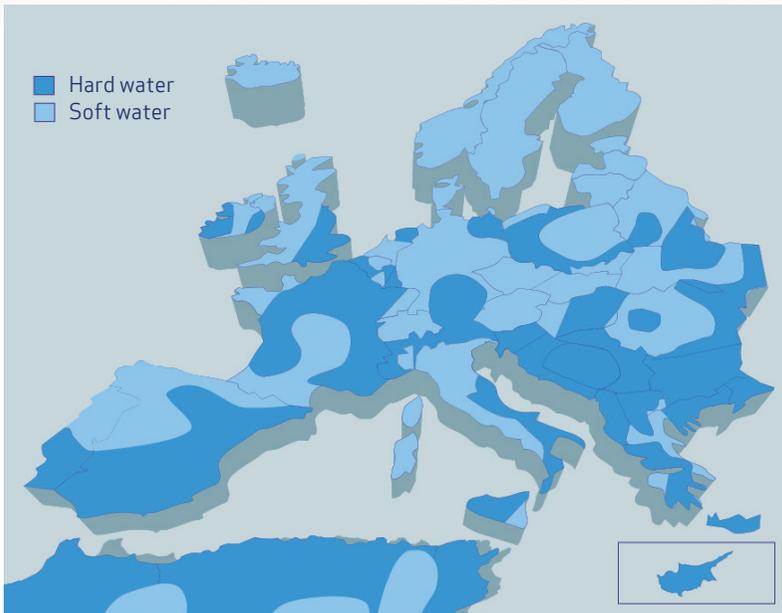
Water prefers VITAQ valves.
More life. No lime.

VITAQ[®] **CATALOGUE**
S Y S T E M

The problem of limescale.

Water hardness

Calcium in water is directly linked to the geological properties of the soil. Water filtered through limestone holds more calcium than water passing through rocky soil.



Water hardness is measured by the amount of calcium and magnesium ions it contains, and expressed in:

- ppm (mg/l) CaCO_3
- French System [°TH] - equivalent to 10.0 mg/l CaCO_3

Types of water	mg/l	°TH
Soft	<17	<1,7
Slightly hard	<60	<6,0
Moderately hard	<120	<12,0
Hard	<180	<18,0
Very hard	<250	<25,0
Extremely hard	>250	>25,0

European standards for drinking water: Max. 50°TF.

Limescale builds up in pipes, faucets, fittings, and sanitary ware, and it can eventually block them completely. It causes damage to electrical appliances, heating elements and obstructs water pumps. Sometimes the whole installation needs to be removed.

Signs that water contains calcium:

- Decreased water flow through faucets.
- Filters filled with small stones.
- Lower power of water heaters.
- Lime on heating elements affects energy consumption up to 64% more.
- Appliances affected by lime need up to 75% more detergent.



ARCO develops and brings to market an anti-calcium system for angle and ball valves. The VITAQ System has great advantages over normal fittings for any installation, protecting valves from limescale, thus extending their useful life.

The patented VITAQ® System, the one-piece stem-ball is made from a special polymer. It keeps the same tightness and low pressure loss characteristics of the original brass stem. This design increases resistance, facilitates smooth operation and most importantly, prevents limescale from forming.



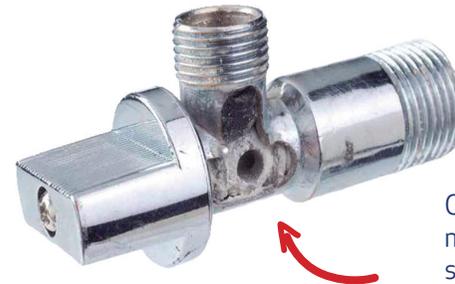
- Suitable Drinking Water.
- Ecological, high-tech materials for longer life.
- Keeps water flow constant over time.
- 100% recyclable and non-toxic.



More life. No lime

Valves after one year use:

Without



Conventional valves offer no protection from aggressive elements such as limescale, making them useless after only a short time.

With



The VITAQ® System is a revolutionary new system developed by ARCO that achieves a much longer valve lifetime and avoids limescale build-up.

Do not take any risk. Choose ARCO.



Angle valves.

VITAQ angle valves have a stem-ball made of a special polymer which prevents the formation of limescale. This stem-ball works just as well under the same conditions of pressure and temperature as one made of brass.

Diseño
Ind.Reg.

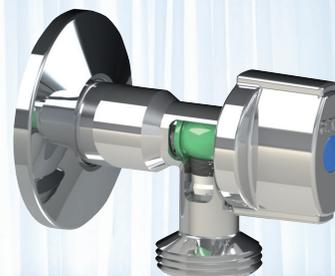
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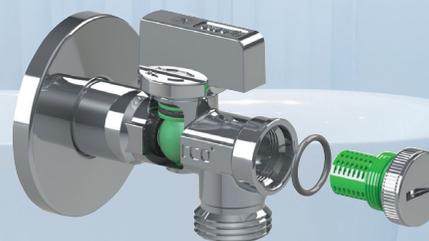
ConeKta
280010 3/8x3/4x3/8



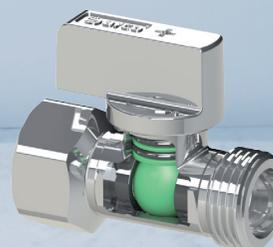
A•80 MAC
NOV76MAC 1/2x3/8
NOV91MAC 1/2x1/2
NOV81MAC 1/2x3/8
polished



L•85 MAC
AC728A 1/2x3/4 blue index
AC728R 1/2x3/4 red index



Mini Filter MAC
02402MAC 1/2x3/8
02400MAC 1/2x1/2



Mini MAC 201015
1/2Hx1/2M

Sanitary

One inlet, two outlets.



Patented system

A•80 twin

One single handle, 4 independent positions.

CQ4102 1/2x3/8x3/8

CQ4103 1/2x3/8x3/8 with check valve

CQ4105 1/2x1/2x1/2



Patented system

Combi MAC

2 handles, 4 independent positions.

COMB5MAC 1/2x3/8x3/4

COMB7MAC 1/2x3/8x3/4

with check valve

COMB15MAC 1/2x1/2x1/2



Dual 29

2 positions with filter.

1/2x3/4x3/8

Plumbing

Taps and ball valves

The Tajo and Texas ball valves with the VITAQ System incorporate a brass ball covered with a Teflon film which avoids limescale build-up in the closure of the valve.

Modular anti-calcium manifolds.

Taps and Manifolds Arco VITAQ System employ a stem-ball made out of a special polymer that resists limescale build-up.



Nano Doble MAC

One-piece body. Zero leaks.
00472 1/2x3/4x3/4



Nano MAC

00460 1/2x1/2 x o15mm
00462 1/2x3/4x o15mm.



1 to 1 Manifold

40100 16x2,00



Metál manifold

38010 3/4m x 3/4h 2x o16 vías
38110 3/4m x 3/4h 3x o16 vías



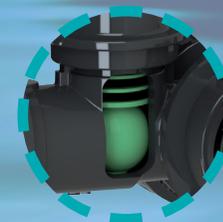
Tajo 2000 Antical

Available from 1/2 to 2 1/2



Texas

36105AC 1/2x1/2
36110AC 3/4x3/4



1 to 1 Manifold

Arco is a Spanish family-owned enterprise with a track record of excellence lasting over 40 years in the industry. We design, produce and distribute valves and systems for plumbing, gas and heating installations. Innovation, quality and safety are our hallmarks, and we are proud of our international reputation in the field. Arco is a member of the Forum of Leading Spanish Brands.



made in
spain
original



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 **arco**[®]
QUALITY BY TRADITION