



VITAQ SYSTEM

A system created to solve problems of limescale in installations.

Válvulas ARCO, S.L. has developed and launches an anti-limescale system for angle and ball valves.

The **VITAQ system** offers more guarantees to your **installation**, protecting your valve from limescale build-up and **extending its service life**.

WHY VITAQ SYSTEM?

- 1. VITA means LIFE** in Latin.
- 2.** This highlights its main quality: **TO PROVIDE LIFE**.
- 3.** The letter "**Q**" **stands worldwide for QUALITY**, our key corporate value.
- 4. It is a SYSTEM in itself** due to its engineering and functional contribution.
- 5. Longer product lifespan.**

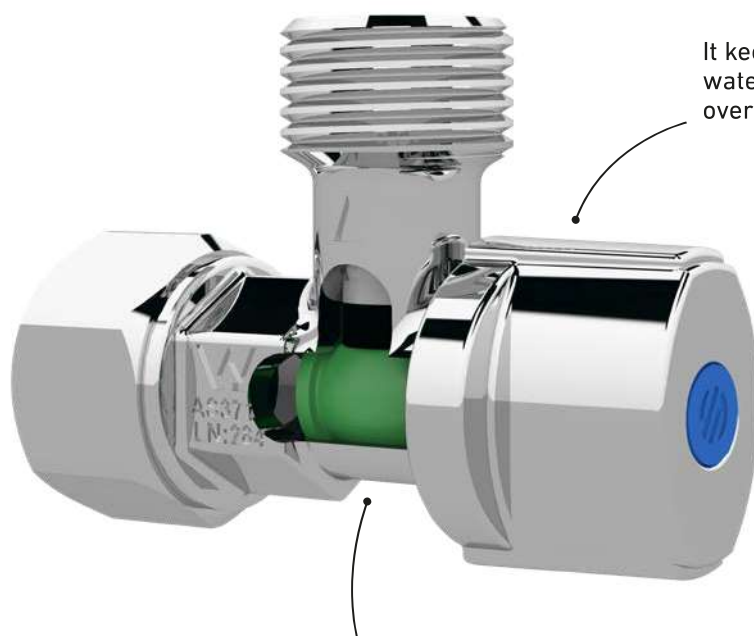


VITAQ System

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.** Even with the added benefits, The VITAQ system still maintains the same strength properties as the brass design. This design increases resistance, facilitates smooth operation and most importantly, prevents limescale from forming.

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



It keeps a constant water flow rate over time.

The anti-limescale VITAQ system operates under the same pressure and temperature conditions as a brass stem.



More life, no lime



Hard water in New Zealand

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, taps, 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.
- Dishwashers affected by limescale require more detergent.