

Drinking water treatment unit

ZeroCal+ Pro

Anti scale dosing units for heating systems



The water used in water systems contains a certain dissolved amount of calcium and magnesium salts making up the hardness. When water is heated, the hardness reacts and forms calcium carbonate and magnesium (scale) and carbon dioxide. Calcium carbonate precipitates, forming scale deposits on systems and heat exchangers, while carbon dioxide causes corrosive effects inside the system. It is therefore necessary to treat water by installing anti scale anti corrosion systems such as the proportional dosing units.

The dosing of polyphosphate based products is in proportion to the flow of water (< 5 ppm). It does not alter the drinking water features and keeps the elements, which would otherwise precipitate forming scale deposits, soluble and protects from corrosion. Dosing units can be easily installed before water systems, water heaters or boilers and before washing machines or dishwashers.

ZeroCal+ Pro Features

ZeroCal+ Pro units are anti scale dosing units for boilers and heat exchangers. The ergonomic shape and the adjustable connections make installation fast and easy even in small spaces. ZeroCal + Pro units do not require any power supply. In addition to the traditional Dima connections, the new Dima Dual Universal connection combines the versatility of the Dima and Dima Verticale connections.

ZeroCal+ Pro dosing units are manufactured in plastic materials for food use.

Each pack includes a ZeroCal+ DOSE refill.

ZeroCal+ Pro Installazione

The dosing unit be installed either on horizontal or vertical pipes, with 5 different types of installation:

- 1/2" line connection
- Dima connection 1/2"
- Vertical Dima L connection 1/2"
- Dima 3 Universal 1/2" connection
- Dima Dual Universal 1/2" connection (available from May 2022)

NN.B. For details on how to refill the anti scale product, please read the ZeroCal+ Pro manual.

ZeroCal+ Pro Advantages

The Zerocal+ Pro pump is the most compact of the Zerocal+ series. The new small tube designed for dosing the Zerocal Dose inside the pipeline has been patented to ensure even greater safety and reliability. The integration of the non-return valve on the pumping body guarantees an optimal seal. The use of the gaskets provided gives Zerocal+ Pro a perfect seal resulting in perfect and precise dosing of the product downstream.

Drinking water treatment unit

ZeroCal+ Pro

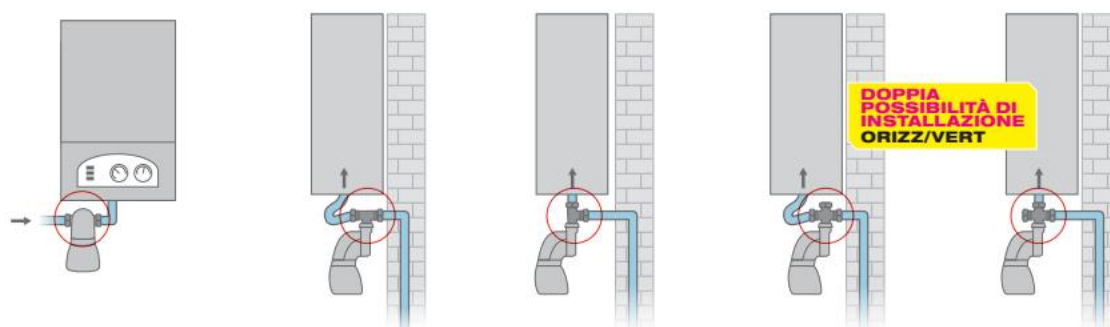
Anti scale dosing units for heating system

Technical specifications:

CODE	ITEM	CON- NECT.	OPERATING FLOW RATE min-max ($\Delta P=0,5$ bar)	PRESSU- RE	DOSAGE ZERO- CAL+ DOSE	TANK		DIMESIONS (lxhxxz)	INTERAXIS	
105.081.20	ZEROCAL+ PRO LINEA 1/2"	1/2"-1/2" M	0,18-0,8 m ³ /h	1,3 ÷ 6 bar	< 5 ppm P205	250 gr		8,2*16,5*8 cm	76 mm	
105.080.20	ZEROCAL+ PRO DIMA 1/2"	1/2"-1/2" F	0,18-0,8 m ³ /h	1,3 ÷ 6 bar	< 5 ppm P205	250 gr		8,2*22*8 cm	57 mm	
105.080.40	ZEROCAL+ PRO DIMA L VERTICALE 1/2"	1/2"-1/2" F	0,18-0,8 m ³ /h	1,3 ÷ 6 bar	< 5 ppm P205	250 gr		8,2*24,5*8 cm	30 mm	
105.080.30	ZEROCAL+ PRO DIMA 3 UNIVER- SALE 1/2"	1/2"-1/2" F	0,18-0,8 m ³ /h	1,3 ÷ 6 bar	< 5 ppm P205	250 gr		8,2*22*8 cm orizz. 8,2*24,5*8 cm vert	54 mm orizz. 30 mm vert.	
105.080.50	ZEROCAL+ PRO DIMA 3 UNIVER- SALE 1/2"	1/2"-1/2" F	0,18-0,8 m ³ /h	1,3 ÷ 6 bar	< 5 ppm P205	250 gr		8,2*22*8 cm orizz. 8,2*24,5*8 cm vert	54 mm orizz. 30 mm vert.	

Water temperature:5-30°C; Room temperature:5-50°C

CODE	ITEM
107.019.40	ZeroCal+ DOSE - 250 g
107.019.25	ZeroCal+ DOSE - 1 Kg
107.019.30	ZeroCal+ DOSE - 5 Kg



Drinking water treatment unit

ZeroCal+ Pro

Anti scale dosing units for heating system

Description for quotations

ZeroCal+ Pro Supply of anti scale proportional dosing unit for boilers and sanitary water systems. The anti scale liquid is dosed in proportion to the flow of water (< 5 ppm), to prevent corrosion and scale in sanitary water systems. The dosing unit is equipped with a built-in by-pass system that allows refilling without excluding the device from the system and with sound and visual alarm warning when it is time to refill anti scale liquid and replace battery. The dosing unit is made up of pump body in acetal resin (POM) and tank in polyethylene.

Supply consists of:

- Tank in polyethylene and pump in acetal resin
- Adjustable connections
- 1 x ZeroCal+ DOSE
- Instruction manual