

Polyphosphate doser


Art. 9083 – 9086



100% MADE IN ITALY 

Function Pintossi + C polyphosphate dosers have been designed to be installed on the pipes that supply water to **boilers and water heaters** or in other appliances such as **washing machines and dishwashers** to **reduce the presence of limestone**, very useful in systems with particularly hard water. Thanks to the release of polyphosphates in the fluid, these dosers ensure **constant and lasting protection** to all the internal components of the various devices present in the system, which can be attacked and corroded by the action of limestone. In fact, the polyphosphates create a protective film inside the pipes, preventing the precipitation of calcium and magnesium carbonates. Polyphosphates create a protective film inside the pipes, thereby preventing the precipitation of these calcium and magnesium carbonates. Phosphates and polyphosphates are inorganic substances very often used also in food sector to enhance certain characteristics of food, therefore absolutely safe.

The dosers are supplied with the first refill.
Art.9083 contains gaskets.



Product range

Art.9086	Polyphosphate doser with 1/2" female connections for boilers/water heaters
Art.9083	Polyphosphate doser with 3/4" female connections for washing machines and dishwashers
Art.9084	Polyphosphate crystals refill

Technical specifications

Fluids:	Water
Max. working temp.:	45°C
Working pressure:	5 bar
Flow:	1300 l/h

Materials

Body:	Non-toxic polypropilene
Head:	Non-toxic polypropilene
Connections:	CW614N brass (art.9086)

Dimensions

ART.	A	B	C
9083	170	95	95
9086	170	95	95



Installation

The Ministerial Decree June 2015 declares the **mandatory installation of a polyphosphate dispenser** regardless of what type of use is made of the heat generator, whether only for hot water or also for heating. This concerns both the case of new heating systems of renovations or partial operations.

ART. 9086

The doser art.9086 is particularly suitable for installation in appliances such as boilers and water heaters. It's important to install the doser in the boiler cold water inlet pipe. The product is composed by connections in brass that make it particularly resistant to high pressures.

The polyphosphate crystals can be inserted inside the container thanks to the practical plastic glass.

To carry out a correct installation, follow the instructions below:

1. Close the supply valve;
2. Screw the connection located in the upper part of the doser to the boiler pipe connections;
3. Open the supply valve.

ART.9083

The doser art.9083 is particularly suitable for installation in appliances such as dishwashers and washing machines, thanks to its very compact dimensions. The product must be installed between the water supply tap of the washing machine/dishwasher and the latter.

To carry out a correct installation, follow the instructions below:

1. Close the supply valve;
2. Using the gaskets provided, screw the connection located in the upper and lower part of the doser to the pipes;
4. Open the supply valve.

Maintenance

Thanks to the **transparent container**, the control and inspection operations of Pintossi+C polyphosphate dosers are particularly easy. It is recommended to periodically examine the dispenser to monitor the level of polyphosphates inside the container. If the level is low, it is necessary to add polyphosphate crystals to keep the protective action working.

Approximately, a refill can last for about 6/12 months depending on the frequency of use of the device on which it is installed.

The doser uses polyphosphate crystals and can be refilled thanks to the recharges art. 9084.

To carry out refilling operation, follow the instructions below:

1. Close the supply valve to prevent the passage of fluid into the doser;
2. Unscrew the upper ring and disassemble the polyphosphate housing;
3. Clean the polyphosphate housing from residual material;
4. Refill using polyphosphate crystals art.9084;
5. Screw the polyphosphate housing to the upper ring;
6. Open the supply valve.



Warnings

- The dosers must be installed by qualified technicians.
- Before installation or maintenance check that the circuit is isolated.
- Make sure of having sufficient space for maintenance or repair.
- Make sure the installation of the system is properly made before the doser is connected to the system.
- In presence of hydraulic shocks, an installation of a water-hammer absorber is recommended.
- In case of pressures higher than 3 bar it is necessary to install a pressure reducing valve upstream of the doser.
- Use only original parts supplied by Pintossi + C.

The manufacturer is not responsible for any damage to people, animals and things in case of inappropriate use, not in accordance with the operating instructions or in case of tampering with the filter.

In addition, the manufacturer disclaims any responsibility in the following cases:

- Unsuitable operating temperature.
- Pressure variations or water hammering.
- Unauthorized modifications or interventions.
- Use of not original parts.
- Partial or total negligence of instructions.