OneStop Plus™
Anti Scale System

FEATURES

- Prevent scaling without using chemicals
- Cost effective and eco-friendly
- Also reduces heavy metals such as copper, lead, mercury, zinc and cadmium
- No maintenance, free of salt or other chemicals; no more heavy products to carry around
- No regeneration or back wash needed
- Increases the efficiency of boilers and all other equipment in contact with the treated water
- Easy to be installed, no electricity and no backwash pipes needed
- Compatible with all the other water treatment devices already installed
- Solves the typical problems of standard softeners

The OneStop Plus™ system is designed to protect open circuit pipes from scaling. Additionally, it reduces the amounts of heavy metals such as copper, lead, mercury, zinc and cadmium. It can be installed as Point Of Entry device, for both cold and hot water, or directly before the apparatus that needs to receive treated water (sauna, dishwashers, washing machine etc.).

OneStop Plus™ avoids scale by interacting with the scale molecules, turning them into harmless crystal (TAC system). These crystals are now suspended in the water but do not attach to surfaces and are simply washed away. In this way the scaling on the surfaces and in the pipes is dramatically reduced. OneStop™ is NOT a softener, it is a water conditioner. The water treated by OneStop Plus™ keeps the original healthful minerals while solving the scaling problems.

SPECIFICATIONS

The OneStop Plus™ system is a finished product, ready to be installed and used. All that is needed for installation is to connect the IN and OUT pipes. The installer has to carefully check pressure, temperature and perform a chemical analysis of the water, in order to assure the full compatibility of the installation with the limitations of use, as declared below.

Water Chemistry Limits	
pH	6.5 ~ 8.5
Maximum hardness	1300 ppm
Temperature	5°C ~ 60°C
Chlorine	<3 ppm
Iron	<0.3 mg/l
Manganese	<0.05 mg/l
Oil and polyphosphates	Treat before OneStop™
Hydrogen Sulfide	Treat before OneStop™

ONESTOP PLUS RANGE

Part Number		Flow For Max. Efficiency (l/min)	Cartridge Change (months)
BSP	NPT		
OSP-10SB		3	12
OSP-10JB		8	12
OSP-20JB		15	12
One Cartridge		37	24
ST 735		30	24
ST 835		37	24
ST 935		45	24
ST 1054		75	24
ST 1252		114	24
ST 1465		190	24
ST 1665		284	24

OSP Series

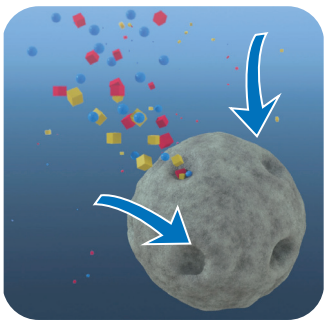
OneCartridge Series

ST Series

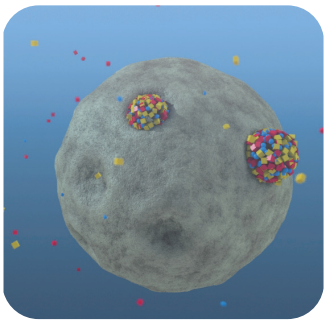
APPLICATIONS

Residential: Heating systems, Washing machines, Laundries, Baths, Showers
Food and Beverage: Hot drinks machines, Steam water heaters, Boilers, Steam systems, Espresso coffee machines, Perfect with liquid circuit, Cooling systems
Business / Industrial: Car wash, Hotel, Cooling systems and evaporation systems, Boilers

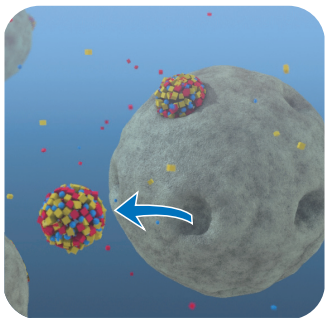
WORKING PRINCIPLE



The OneStop Plus™ media attracts dissolved calcium carbonate ($CaCO_3$) scale molecules into "Templates" on the media.



The calcium carbonate ($CaCO_3$) scale molecules grow into microscopic crystals.



The crystals detach when they are too large to be held by the OneStop Plus™ media. These harmless crystals effectively isolate the calcium carbonate ($CaCO_3$) scale molecules from the water and anything the water comes in contact with.