

SALT FREE WATER CONDITIONER

Advantages

- No salt required
- No waste water
- No regeneration cycle required
- No increase in sodium content in water
- No chemicals required for disinfection
- No electrical connections required
- No drain connections required
- No control valves required
- Removes the previous scale on plumbing
- Preserves the essential minerals: Calcium and Magnesium.
- Catalytic process converts Calcium and Magnesium into harmless micro crystals
- Maintenance free.
 - No extra cost incurred.
- Very easy to install
- Great savings against conventional salt based water softeners
- Provide the best quality healthy water without the addition of Sodium or PhosphateS



Green Technology!



Applications

FILTERSORB® SP3 has proven itself in a variety of applications as an alternative to traditional salt using ion exchange softening or other conventional water treatment methods.

The maintenance-free characteristics make it especially easy where equipment maintenance is often overlooked.

- **Home appliances:** Faucets, water pipes, shower heads, shower cabins, toilets. All beverage systems, kitchen machines, dish washers, ice cubes, clothes washers and dryers.
- **Major appliances:** Central heating, air conditioners, water heaters, air humidifiers, coffee and tea makers, solar heating systems, water coolers.
- **Boilers:** Hot water boilers, central heating boilers, combo boilers, catering water boilers, boilers and pool heaters, commercial water heaters, industrial hot water boilers.



WHY WE CONSIDER FILTERSORB® SP3 TO BE THE BEST?

- ✓ **No TDS change:** As **FILTERSORB® SP3** does not remove or add anything to the water. As no ion-exchange chemistry is used, the **TDS** of the water remains unchanged before and after the treatment.
- ✓ **No pH change:** **pH** value of the water remains the same. This factor makes the treated water suitable for almost any use where corrosion is concerned.
- ✓ **Minerals Preserved:** **FILTERSORB® SP3** does not add sodium or any chemicals to the water. It simply preserves the Calcium and Magnesium contents of water, making the treated water arguably the healthiest mineral water available. Both Calcium and Magnesium are quintessential for nervous systems and muscles functionalities. They are indispensable parts in the cell chemistry of the plants and most of the life forms on earth.
- ✓ **De-Scaling:** Not only does **FILTERSORB® SP3** prevent scale formation, but it also helps to remove the previously formed scales. During the flow some of the micro-bubbles are losing a small amount of CO₂, which diffuses rapidly in water and interact with surface scale, especially in closed spaces (pipes, boilers, etc). As a result, the scale which is already present on these surfaces is removed slowly.
- ✓ **Biocidal effect:** The **NAC** process creates the conditions that water dissolved CO₂ agglomerate to form micro-bubbles. These CO₂ bubbles actively destroy bacterial membranes acting as a biocide. So along with the scale prevention **FILTERSORB® SP3** also helps to prevent Biofouling.

Features

- **Nucleation Assisted Crystallization (NAC)**
- **Quality Drinking Water**



- Scale prevention with **FILTERSORB® SP3** inside, can be used against water hardness up to 75 grains per gallon.
- Water must be clean of iron, manganese, copper, oil, Hydrogen sulfide and phosphates.
- **FILTERSORB® SP3** scale prevention cartridge can tolerate chlorine up to 3 ppm. Using activated carbon filter in front of **FILTERSORB® SP3** will prevent premature replacement.



Lifespan of the Media

The effective average lifespan of **FILTERSORB® SP3**:

- BB20 filter: 2-3 years
- 9" Media tank: 5 to 7 years

*depending on the feed water conditions.

Model

Specifications

20" Big Blue Cannister

4.5" x 20" filter canister with **1 liter** of **SP3**:
Flow rate of **1/2-4 gpm**

9" Media tank

9"x48" Bottom Plate Tank and safety bypass:
Flow rate of **5-10 gpm**