

SPECIAL™ FILTER



SP-510

SP-520

SP-520UF

Special 10
(Sediment)

SP-520/SP-520UF

Perfect water for a wide range of applications, means the best quality water, with high Oxygen and natural mineral content of $Ca^{2+} + Mg^{2+}$

WATCH^{ER}
 WATCH WATER
a Water Company

RED-OXY TREATMENT
 FILTRATION
 ADSORPTION
 FILTERS ORB
 INSTANT PRODUCT
SYSTEM DIVISION



**WATER
 FOR**



Drinking



Tea



Coffee

**Very Important : Water Should be low in "Hydrogen" H⁺ ions and
 Water Should be low in "Sodium" Na⁺ ions**



Only The
SPECIAL
 Quality Water
 can make a
 GOOD CUP OF
**TEA &
 COFFEE**

To get a Special flavorful coffee, there must be mineral content in the water.

Special Filter is a compact Scale Prevention filters for easy installation and provides the best clarity water for drinking water, coffee machines and tea. Special Filter provides the best quality water with high Oxygen and natural mineral content. Once you try Special Filter's water, then you will never drink bottled water again.

For good Tea or Coffee preparation a minimum mineral content of 150 - 200 mg/l (8.4 - 11.2 grains/-gallon) is essential for a good extraction. Water which is high in H⁺ ions or Na⁺ ions will result in weak and flavorless coffee. These Ion-Exchanged Hydrogen Ions and Sodium Ions will also corrode the internals of the machines. All Beverages should have water pH between 7.1 and 7.5

If the water pH drops below 7.1 all beverages cause ACIDOSIS.



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APPLICATIONS

- Drinking water
- Water dispensers
- Restaurants/Cafes
- Offices
- Coffee machines
- Dishwashers
- Vending machines
- Ice makers
- Refrigerators

ADVANTAGES

- Removes visible limescale
- Guarantees high capacity (up to max. 12,000 (10") or 25,000 (20") liters)
- Removes substances that affect taste or odour
- Optimises the taste of food & drink
- Health-boosting minerals such as calcium and magnesium are retained (which is not the case with processes based on reverse osmosis/ion exchangers)
- Does not use any polyphosphates, sodium or pH-reducing hydrogen ions
- Protects expensive kitchen and catering appliances
- Environmentally friendly
- Does not produce any waste water
- Simple to use and time-saving
- Easy to assemble and service
- Contains limescale prevention beads
- Efficiently removes bacteria, viruses, fungicides and pesticides

WHY USE SPECIAL FILTERS?

- Reduce scale build up
- pH balanced
- Protect machines
- Saves expensive service costs
- Easy install/change
- No Phosphate
- No Sodium



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SPECIAL FILTER-510 & 520 (TWO TECHNOLOGIES IN ONE FILTER)

With the new SPECIAL FILTER, a combination of high performance activated Carbon block integrated with Filtersorb-SP3 anti-limescale beads, you get fresh, crystal clear water 24 hours a day, 7 days a week. At the same time, the unique SPECIAL FILTER offers comprehensive protection from limescale. SPECIAL FILTER has a high capacity in the reduction of Scale, Chlorine, Lead, and Heavy Metals, Bad Taste and Odour, Cysts, and organics.

The Result: Best quality water with no more unsightly limescale deposits on fittings and tiles, no limescale build-up in coffee machines, steamer cookers, vending machine systems, reduced cleaning time, reduced costs for maintenance and repair due to corrosion.

TECHNOLOGY 1



Carbon block

TECHNOLOGY 2



Filtersorb-SP3



SP-510 & SP-520

ACTIVATED CARBON

IMPROVES ODOUR AND TASTE/
 FILTRATION

Particles of dirt, turbidity, heavy metals and organic compounds such as herbicides, pesticides, or pharmaceutical residues are removed from the water through extremely fine activated carbon in the form of a block that surrounds the Filter-sorb-SP3 limescale prevention beads. Also, chlorine and other substances present in water that has a negative effect on the taste, odour or food and drink are removed.

FILTERSORB-SP3

SCALE PREVENTION MEDIA BASED ON NAC
 TECHNOLOGY

Through the Filtersorb-SP3 anti-limescale beads inside the SPECIAL FILTER, the temporary water hardness (dissolved calcium bicarbonate) is transformed into micrometer-sized aragonite-crystals. Due to this change in its structure, the formed crystals can no longer attach itself to surfaces such as fittings, heating coils or pipes. This ensures lasting protection from limescale deposits of all kinds and their unwanted side effects.



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SPECIAL FILTER-520UF (THREE TECHNOLOGIES IN ONE FILTER)

SPECIAL FILTER-520UF is a combination of high quality UF (Ultra-Filtration) technology with the top performance water purification activated Carbon block integrated with Filtersorb-SP3 beads inside. For you to get fresh, crystal clear water 24 hours a day, 7 days a week.

SPECIAL FILTER-520UF employ three different filtration technologies. Firstly, water passes through Carbon block which absorbed asbestos, color, cysts, lead, pesticides, trihalomethanes, chlorine, drug residuals and volatile organic compounds (VOCs). Secondly, Filtersorb-SP3 beads which is based on NAC technology; transforms water hardness and protects from limescale and provide the best quality healthy water without the addition of Sodium or Phosphates. Thirdly, high quality Ultra Filtration membrane provide 0.1-micron filtration to eliminate bacteria, viruses and provide clean drinking water. The SPECIAL FILTER 520 + Ultra Filtration membrane provide a three in one technology and increases the filter efficiency to nearly double as compared to the other UF-filters available in the market. SPECIAL FILTER-520UF has a high capacity in the reduction of Scale, Chlorine, Lead, and Heavy Metals, Bad Taste, Odor, Cysts, Pesticides, Volatile Organic Compounds (VOCs), Viruses and Bacteria.

TECHNOLOGY 1

TECHNOLOGY 2

TECHNOLOGY 3



Carbon block



Filtersorb-SP3



Ultrafiltration Membrane



SPECIAL FILTER-520UF

BEST CARBON FILTER

BEST HARD SCALE PROTECTION

BEST ULTRA FILTRATION

BEST MINERALS IN WATER



"You will never drink bottled water again"



- RED-OXY TREATMENT
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TECHNICAL DATA

Model	Description	Reduction Parameters					Capacity	Temp	Pressure	Flowrate	Filtration	Box qty.
Model	Description	Chlorine, taste and odor	Sediment	Scale Prevention	UF	Bacteria	Liters	°C	Bar	LPM	µm	pcs
SP 510-C	SP 510 (Complete with head)	Yes	Yes	Yes	No	No	12000	5 - 37.8	2-7	3.7	5	9
SP 510-R	SP 510 (Replacement cartridge)	Yes	Yes	Yes	No	No	12000	5 - 37.8	2-7	3.7	5	9
SP 520-C	SP 520 (Complete with head)	Yes	Yes	Yes	No	No	25000	5 - 37.8	2-7	6.5	5	9
SP 520-R	SP 520 (Replacement cartridge)	Yes	Yes	Yes	No	No	25000	5 - 37.8	2-7	6.5	5	9
SP 520UF-C	SP 520 (Complete with head)	Yes	Yes	Yes	Yes	Yes	72000	5 - 37.8	0.7-8.6	9.5	0.1	9
SP 520UF-R	SP 520 (Replacement cartridge)	Yes	Yes	Yes	Yes	Yes	72000	5 - 37.8	0.7-8.6	9.5	0.1	9

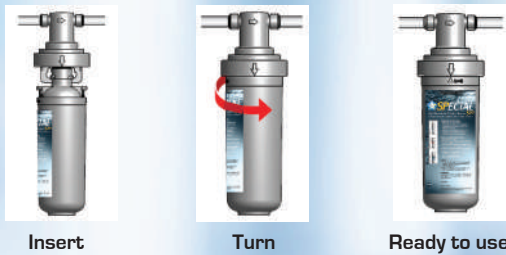
MEASUREMENTS

Model	SP 510	SP 520	SP 520UF
Height	280 mm	480 mm	480 mm
Width	75 mm	75 mm	75 mm
Depth	75 mm	75 mm	75 mm

FILTER REPLACEMENT

Water quality	Interval
Normal tap water	Every 6 months
Water contaminated with lead and copper	Every 3 months

QUICK EXCHANGE SYSTEM



SPECIAL FILTER

- I No chemicals
- I No regeneration
- I No salt
- I No power supply

To know and learn more about this huge potential of SPECIAL FILTER please contact us: