SOFTENERS and
MEDIA FILTERS

techno equipments

ADRIATIC 5

Portable water softener with regeneration set and pre-filter removal of the total hardness, impurities, chlorine and chloride compounds.

ADRIATIC 5 is a portable equipment which integrates a softener with a manual control valve that easily operate softening, rinse and regeneration stages, HS-EasyBRINE a disposable brine cartridge for the easiest resin regeneration, CB-EC a carbon block pre-filter, so that the appliance can perform:

- filtration at 10 micron, for crystal clear water;
- dechlorination, get rid from bad tastes and odours, pesticides, insecticides, Volatile Organic Compounds (VOC);
- softening, for a complete or partial removal of the Total Hardness and prevent from scales and calcareous encrustations.
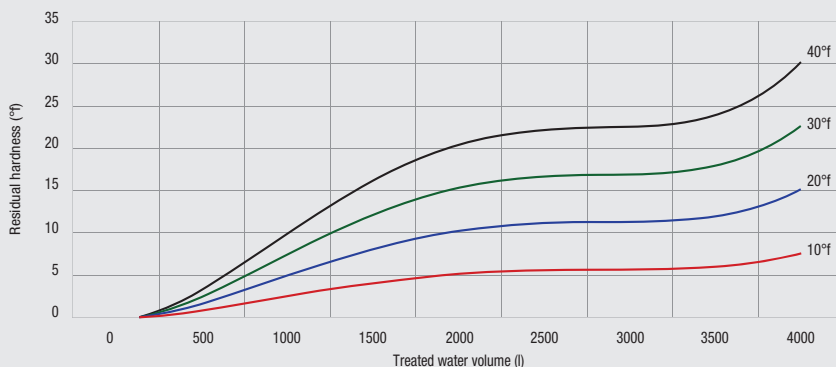
ADRIATIC 5 is applicable for:
- washing and cleaning of every surface with extraordinary NO-SPOT effects with no calcareous residual to be removed after washing, no need for dry and cleanse;
- protection from impurities, chlorine corrosion and calcareous incrustations of pipes, boilers, showers, faucets;
- drinking water improvement when in combination with Atlas Filtri® POU range of filter units (In-Line, Bravo DP, Oasis DP, Depural).

Remark - Adriatic 5 is not a potable water maker: for potable applications use only with safe drinking water.

VOLUME OF THE WATER SOFTENED

Total hardness conversions:
$1°f = 10$ ppm $CaCO_3$ - $1°f = 0,56°T$ german

The volume of the water softened with ADRIATIC 5 depends on the total hardness of the inlet water (the raw water entering the softener). The diagram shows the volumes of treated water at different hardness of the inlet water at 10°f, 20°f, 30°f, 40°f up to 4000 liters after the treatment.
The curves show the residual hardness at various inlet hardness: on that basis it is possible to operate the regeneration procedure at the preferred residual hardness level. It is recommended to keep the residual hardness below 10°f.

CERTIFICATIONS

The products are tested and certified under the most stringent procedures worldwide, **in compliance with DM 25 (Italy), with the sanitary certification ACS (France) and EAC/Ghostreghistrazia (Russia).**

ACCESSORIES INCLUDED

-X- spanner

-Easy Test TH- Total Hardness test strips blister

SYMBOLS LEGEND

No Power
Save Energy

For domestic use
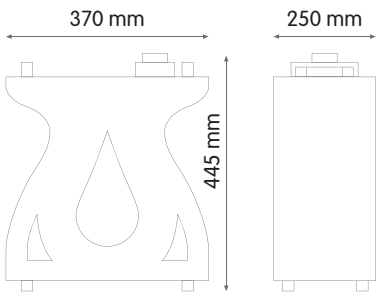

For technical and industrial use

Filter housings made in PET, a highly recyclable plastic, are manufactured with a proprietary procedure saving up to 60% of energy in injection molding compared with standard plastics. That is one of Atlas Filtri commitments to comply with Kyoto Treaty for the reduction of green house gas (CO_2) emissions in the atmosphere.

CB-EC is the only environmentally friendly carbon block element, made with a proprietary technology reducing green house gas emissions in activated carbon production.

ADRIATIC 5

370 mm | 250 mm
445 mm

WORKING CONDITIONS

Max working pressure _____6 bar (87 psi)
Min working pressure _____2 bar (29 psi)
Max working temperature__50°C (122°F)
Min working temperature __4°C (39,2°F)
Max Fe _____0,1 ppm
Weight _____10 kg

SPECIFICATIONS

Non-toxic materials, suitable for drinking water.
Control-valve: NORYL®.
Frame: painted aluminium/stainless steel AISI 316 L.
Hoses: polyethilene.
Resin tank: glass fiber reinforced polyethilene.
Brine: polystyrene HS-EasyBRINE cartridge with NaCl.
Softening material: strong cationic ion-exchange resin (Na cycle).
Filtering and dechlorination medium: activated carbon block cartridge CB-EC, nominal filtration 10 micron.
Filter housings: reinforced polypropylene, PET.

ADRIATIC 5

PORTABLE SOFTENER

CODE	MODEL	RESIN [L]	IN/OUT	CYCLE CAPACITY [M³ X °F]	BRINE CONSUMPTION [KG]	FLOW RATE [M³/H]	MAX FLOW RATE [M³/H]	BACK-WASH FLOW RATE [M³/H]
RA7000010	ADRIATIC 5	4,5	QUICK-FIT (1/2")	25	0,75	0,4	0,6	0,4

SPARE CARTRIDGES FOR ADRIATIC 5

CB-EC CTO 10 micron
CODE RE5395109

- CARBON BLOCK. Filtration of fine particles (rust, lime, sand, scales); reduction of chlorine (bad tastes, odours) and chloride pollutants (pesticides, solvents, etc). The average life-time of the filtration CB-EC cartridge is 3-6 months: the life-time depend on the in-let water quality and on the volume of the treated water.

HS-EasyBRINE
CODE RA5195120

- Container with NaCl specifically formulated for the regeneration of strong cationic resin. To be changed with a new cartridge after every regeneration process. When all the salt of the HS-EasyBRINE cartridge is consumed the resin regeneration process is completed. End cap with antimicrobial flat seal.

TREATMENT SYSTEMS