

HA AX container with polyphosphate crystals throw-away cartridge



APPLICATION

Anti-scale and anticorrosion protection of domestic and industrial installations.

Domestic use: protection of water pipes, taps, showers, washing machines, boilers. Cartridge suitable for drinking water when used with Dosaprop PROPORTIONAL DOSING SYSTEMS in compliance with UE Directive 98/83 CE (see catalogue anti-scale systems).

Technical use: protection of heating systems, heat exchangers, protection of reverse osmosis units, protection of industrial water systems and other installations.

Average life-span: about 6 months.

Maintenance: none.

Remark - Use a pre-filter to protect the cartridge.

WORKING CONDITIONS

Max working temperature _____ 35°C

Max total hardness _____ 50°F (500 ppm CaCO₃)

Remark - the treated water can be heated up to 75°-80°C, above that temperature the polyphosphate loses gradually its effectiveness.

SPECIFICATIONS

Non-toxic materials, suitable for drinking water.

Container: polystyrene.

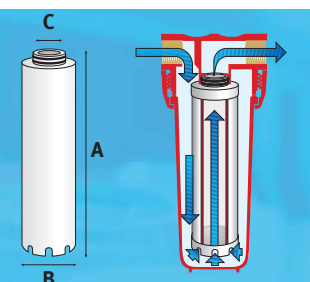
End cap and grid: polystyrene.

O-rings: ETP.

Treating material: sodium polyphosphate crystals.

Remark - Storage time: max 12 months.

suitable housing	cartridge model	cartridge height	mm			recommended flow rate l/h
			A	B	C	
Medium	HA 5 AX-TS	5"	127	72	25	1400
Junior	HA 7 AX-TS	7"	183	72	25	1400
Senior	HA 10 AX-TS	10"	252	72	25	1400
Master	HA 20 AX-TS	20"	510	72	25	1400



VARIANTS available on minimum quantity

S cartridges with siliphosphate spheres.

Polyphosphate treatment provides a simple, effective and economic solution to problems of calcareous scale and encrustations: polyphosphate dissolved in water prevents the build-up of scale and helps break down existing deposits. It forms a thin film which protects the installation from corrosion.

QA-CF AX container with strong cationic resin for softening treatment throw-away cartridge



APPLICATIONS

Elimination of total hardness, production of small quantities of softened water.

Domestic use: softening of water for ironing and other appliances.

Technical use: any use requiring softened water (laboratory, chemistry).

Average life-span: see the table below.

Maintenance: none.

Remark - Use a pre-filter to protect the cartridge.

Note: the cartridge does not change its colour when exhausted. Check the depletion of the resin with the specific Atlas Filtri EASY TEST strips.

WORKING CONDITIONS

Max working temperature _____ 45°C

Max concentration Cl _____ 0,1 ppm

Max concentration Fe _____ 0,1 ppm

SPECIFICATIONS

Non-toxic materials, suitable for drinking water.

Container: polystyrene.

End cap and grid: polystyrene.

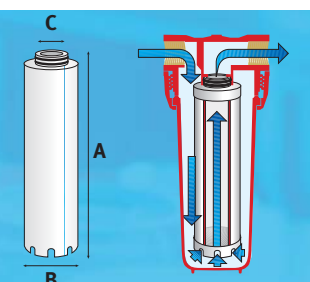
O-rings: ETP.

Containing sponge: polyurethane.

Treating material: strong cationic resin.

Remark - Storage time: max 6 months.

suitable housing	cartridge model	cartridge height	mm			recommended flow rate l/h
			A	B	C	
Medium	QA 5-CF AX-TS	5"	127	72	25	100
Junior	QA 7-CF AX-TS	7"	183	72	25	100
Senior	QA 10-CF AX-TS	10"	252	72	25	100
Master	QA 20-CF AX-TS	20"	510	72	25	100



Cartridge (height 10") duration in litres starting from a given water intake carbonates concentration (as CaCO₃ ppm)

ppm CaCO ₃	100	200	300	400	500	600
Litres treated	325	162	121	81	65	54