

QA-AF AX container with strong anionic resin for anti-nitrates treatment throw-away cartridge



APPLICATIONS

Reduction of nitrates in small domestic and industrial appliances.

Domestic use: production of drinking water with nitrates concentration below 10 mg/l, in compliance with the World Health Organisation guidelines.

Technical use: protection of reverse osmosis units.

Average life-span: see the table below.

Maintenance: none.

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

WORKING CONDITIONS

Max working temperature _____ 45°C

Max concentration NaNO₃ _____ 200 ppm

Max concentration SO₄ _____ 200-300 ppm

SPECIFICATIONS

Non-toxic materials, suitable for drinking water.

Container: polystyrene.

End cap and grid: polystyrene.

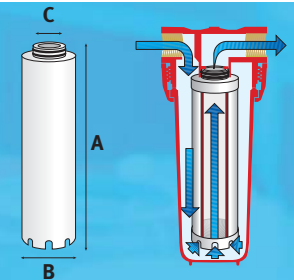
O-rings: ETP.

Containing sponge: polyurethane.

Treating material: strong anionic resin for anti-nitrates treatment.

Remark - Storage time: max 6 months.

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



Cartridge (height 10") duration in litres starting from a given water intake nitrates concentration (as NaNO₃ ppm)

ppm NaNO ₃	10	20	30	40	50	60	70	80	90	100	110	120
Litres treated	>1000	720	550	430	330	260	230	200	180	160	140	130

QA-LM AX container with mixed bed resin for demineralisation treatment throw-away cartridge



APPLICATIONS

Production of small amounts of demineralised water.

Domestic use: demineralised water for batteries, ironing, and other appliances.

Technical use: any use requiring water free from salts (laboratories, chemistry, photography, electronics; salt free water for batteries).

Average life-span: see the table below.

Maintenance: none.

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

Note: the cartridge changes its colour when exhausted.

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.

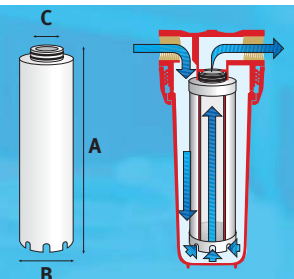
O-rings: ETP.

Containing sponge: polyurethane.

Treating material: mixed bed of strong cationic and strong anionic resins.

Remark - Storage time: max 6 months.

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



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

ppm CaCO ₃	100	200	300	400	500	600
Litres treated	162	81	54	40	32	27