



# QA AF anionic resin nitrates selective

**Reduction of nitrates.**

**Average life-span:** see the table below.

**Maintenance:** none.

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

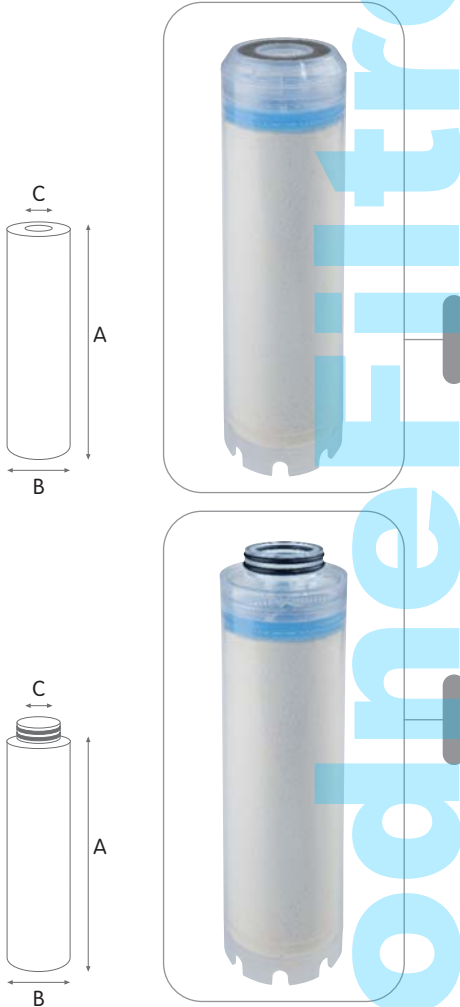
**WORKING CONDITIONS**

Max working temperature \_\_\_\_\_ 45°C (113°F)  
 Min working temperature \_\_\_\_\_ 4°C (39,2°F)  
 Max concentration NaNO<sub>3</sub> \_\_\_\_\_ 200 ppm  
 Max concentration SO<sub>4</sub> \_\_\_\_\_ 200-300 ppm

**SPECIFICATIONS**

Non-toxic materials, suitable for drinking water.  
 Container, end cap and grid: polypropylene.  
 Flat seal SX: SEBS with antimicrobial technology.  
 O-rings BX: EPDM.  
 Containing sponge: polyurethane.  
 Treatment material: strong anionic resin nitrates-selective.

Plastic container filled with anti-nitrate selective ionic-exchange resin, for the reduction of nitrate content in drinking water. The concentration of nitrates in drinking water below 50 mg/l is strongly recommended by World Health Organization (WHO) guidelines. QA-AF cartridges are available with height from 5" to 20".



**QA AF SX**

**CONTAINER WITH ANIONIC RESIN WITH DOUBLE OPEN END (DOE)**

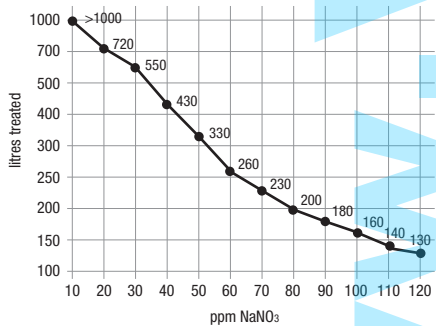
CODE	MODEL	NOMINAL HEIGHT	RECOMMENDED FLOW RATE l/h	DIMENSIONS MM		
				A	B	C
<b>OD 2,40" x ID 1,10"</b>						
RA5352125	QA 5 AF SX	5"	25	128	70	28
RA5354125	QA 7 AF SX	7"	35	176	70	28
RA5355125	QA 10 AF SX	10"	50	252	70	28
RA5357125	QA 20 AF SX	20"	90	510	70	28

**QA AF BX**

**CONTAINER WITH ANIONIC RESIN WITH DOUBLE O RING COLLAR 45 MM**

CODE	MODEL	NOMINAL HEIGHT	RECOMMENDED FLOW RATE l/h	DIMENSIONS MM		
				A	B	C
<b>OD 2,40" x ID 1,10"</b>						
RA5352225	QA 5 AF BX	5"	25	127	70	25
RA5354225	QA 7 AF BX	7"	35	183	70	25
RA5355225	QA 10 AF BX	10"	50	252	70	25
RA5357225	QA 20 AF BX	20"	90	510	70	25

10" cartridge duration in litres starting from a given water intake carbonates concentration (as NaNO<sub>3</sub> ppm)



QA-AF cartridges are available in a variety of:

**CONFIGURATIONS:**

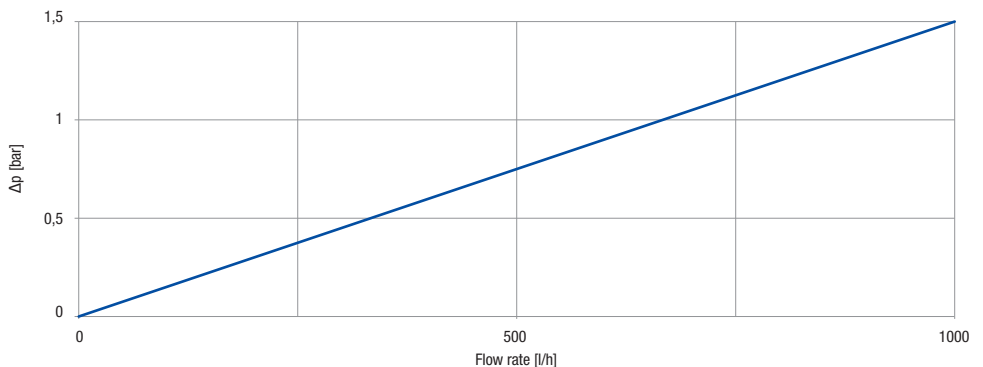
- SX standard configuration double open end (DOE) available for every height and diameter.
- BX proprietary configuration with double o-ring collar 45 mm, suitable to PLUS 3P BX housings, DP housings, K DP housings.

**MODELS:**

- QA-AF series from 5" to 20" OD 2.40" ID 1.10", SX, BX configurations.

**FLOW RATE vs PRESSURE DROP Δp**

Tests carried on 10" elements type **QA AF 10 SX**.  
 Testing mode: 20°C, 3 BAR



**CERTIFICATIONS**



QA AF cartridges are tested and certified under the most stringent procedures worldwide, in compliance with **DM 25 (Italy) and GOST (Russia)**.