



# 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.

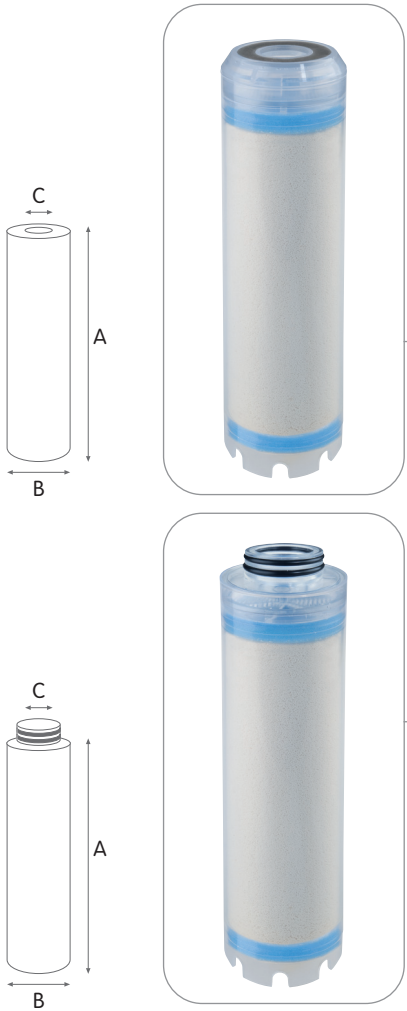
**WORKING CONDITIONS**

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: polystyrene.  
 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)**

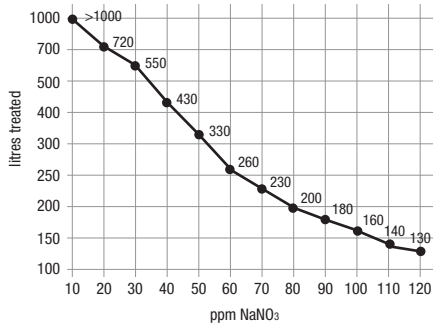
| CODE                       | MODEL       | NOMINAL HEIGHT | RECOMMENDED FLOW RATE l/h | DIMENSIONS MM |    |    |
|----------------------------|-------------|----------------|---------------------------|---------------|----|----|
|                            |             |                |                           | 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:**

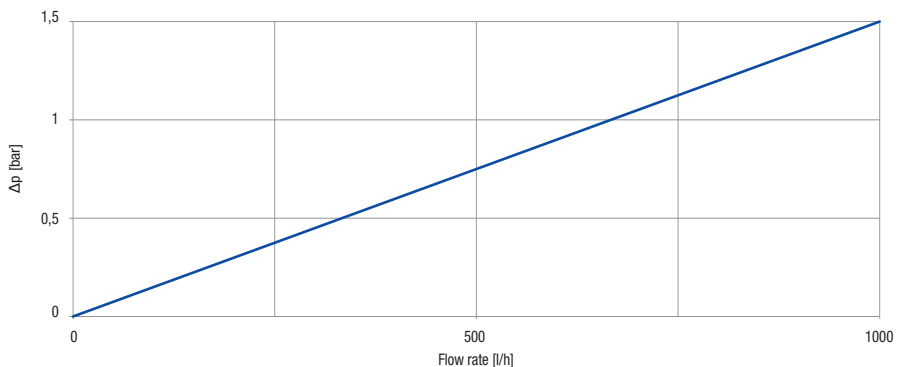
- SX standard configuration double open end (DOE) available for every height and diameter.
- BX proprietary configuration with double o-ring collar 45 mm, suitable to PLUS 3P BX housings, DP housings, K DP housings.

**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), with the sanitary certification EAC/Ghostreghistracia (Russia) and WaterMark (Australia).