

WS150

Electronics volumetrics nitrate removal filters
Simplex or alternate duplex
set with 1 ½" valve mixing



ION EXCHANGE

DENITRATION

ELECTRONICS VOLUMETRICS NITRATE REMOVAL FILTERS

- Simplex or duplex volumetrics nitrate removal filters delivering 14.7 m³/h of denitrated water.
- Electronic controller CI allowing the adjustment of all the operating cycles.
- The regeneration is chronometric or volumetric with or without time regeneration lag, and with or without priority of the time on volume.
- From 125 up to 500 liters of resin.



NITRATE REMOVAL FILTERS DELIVERED WITH

- Electronic volumetric valve WS150, central tubing and strainer.
- Tank(s) in GFR.
- Selective nitrate resin.
- Brine tank(s) with grid and overflow.
- Tubing for drain, brine valve, and overflow.
- For Duplex version : Alternating 3 ways electric valve.
- Optional counter for volumetric operation.
- Optional bypass valve.

APPLICATIONS

- Breeding : denitrated water supply for breeding (sheep, cattle, pigs and poultry farming).
- Drinking water production : Denitrated drinking water production.
- All applications that require water with low nitrate content.

Electronics nitrate removal filters simplex or duplex WS150

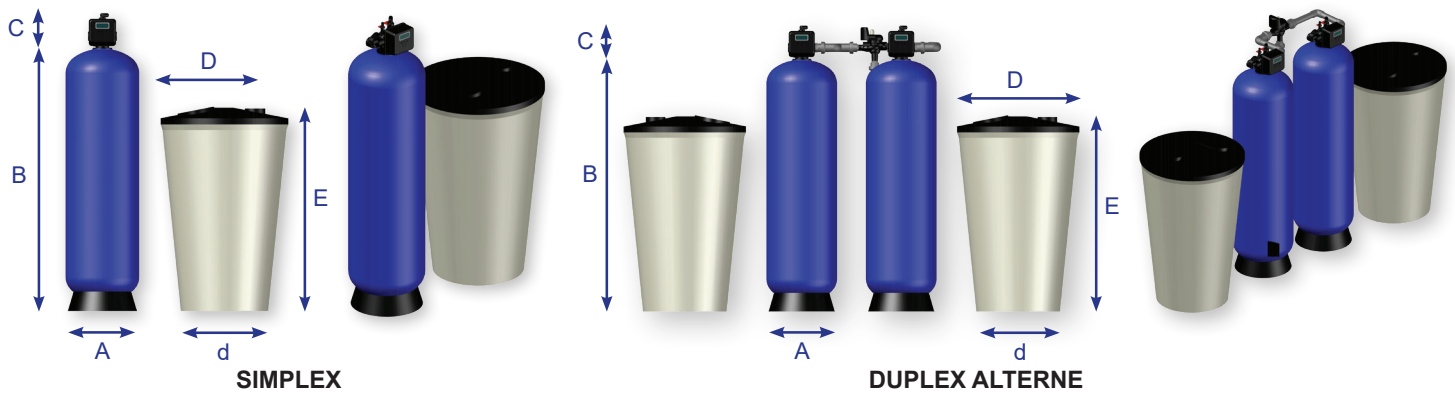
TECHNICAL SPECIFICATIONS

| Liter of resin | Tank | Brine tank volume | Max. flow rate m ³ /h | Exchange capacity |
|----------------|---------|-------------------|----------------------------------|---|
| 125 | 16 x 65 | 350 | 5.00 | 1,5°F to 2,5°F depending on the ratio NO ₃ / (NO ₃ +SO ₄) in °F and brine rate 125 to 250 g/l |
| 175 | 18 x 65 | 500 | 7.00 | |
| 225 | 21 x 62 | 500 | 9.00 | |
| 350 | 24 x 72 | 750 | 14.00 | |
| 500 | 30 x 72 | 1000 | 14.70 | |

Operating pressure : 2,0 to 8,5 bar

Operating temperature : 2 to 40°C

Connection diameter : 1.5"



| DIMENSIONS | | | | | | | | |
|----------------|--------------|-----------|-------------|-----------------|-----------|-----------|-------------|------|
| Liter of resin | Tank + Valve | | | Brine tank | | | | |
| | Tank | Diam (mm) | Height (mm) | Volume (litres) | Diam (mm) | Diam (mm) | Height (mm) | |
| | | A | B | | | | | C |
| 125 | 16 x 65 | 413 | 1705 | 235 | 350 | 475 | 740 | 1275 |
| 175 | 18 x 65 | 559 | 1721 | 190 | 500 | 475 | 740 | 1275 |
| 225 | 21 x 62 | 559 | 1721 | 190 | 500 | 475 | 740 | 1275 |
| 350 | 24 x 72 | 618 | 1918 | 235 | 750 | 695 | 970 | 1395 |
| 500 | 30 x 72 | 780 | 2140 | 235 | 1000 | 830 | 1085 | 1460 |



ADH2OC INDUSTRIAL
Headquarters
 3, Rue Kercoz
 22 220 TRÉGUIER - FRANCE
 Tel +33 (0)2 96 40 02 50
 Fax +33 (0)2 22 44 98 48
 www.adh2oc-industrial.com

Workshop
 12 Rue du Plateau - Lieudit «La Vallée Drouard»
 28500 CHÉRISY - FRANCE
 Tel +33 (0)2 37 50 20 79
 Fax +33 (0)2 22 44 98 48
 e-mail : infos@adh2oc-industrial.com