

WS100

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



ION EXCHANGE

DENITRATION

ELECTRONICS VOLUMETRICS NITRATE REMOVAL FILTERS

- Simplex or duplex volumetrics nitrate removal filters delivering 6.1m³/h of denitrated water.
- Electronic controller CI allowing the adjustment of 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 15 up to 250 liters of resin.



NITRATE REMOVAL FILTERS DELIVERED WITH

- Electronic volumetric valve WS100 with integrated mixing, fitting 1"BSPT, central tubing and strainer.
- Tank(s) in GFR.
- Selective nitrate resin.
- Brine tank(s) with grid and overflow (2 brine tanks for duplex).
- Tubing for drain, brine valve, and overflow.
- For Duplex version : Alternating 3 ways electric valve (with mounting kit up to 16" tanks).
- 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.

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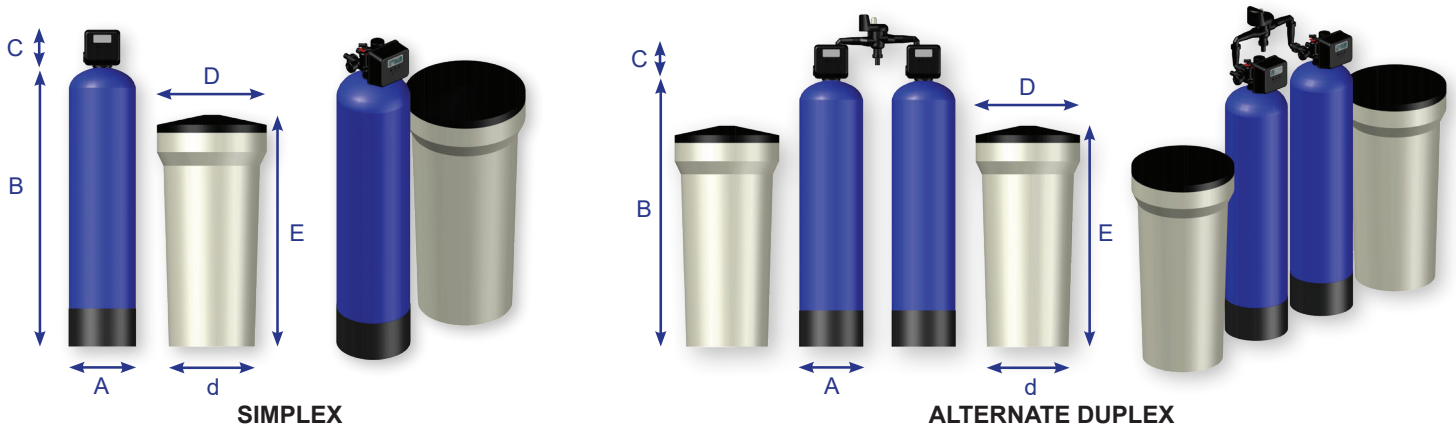
TECHNICAL SPECIFICATIONS

Liter of resin	Tank	Brine tank volume	Max. flow rate m ³ /h	Exchange capacity
25	9 x 35	100	1.00	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
30	10 x 35	100	1.20	
50	10 x 54	145	2.00	
75	13 x 54	200	3.00	
100	14 x 65	200	4.00	
125	16 x 65	350	5.00	
175	18 x 65	500	6.10	
225	21 x 62	500	6.10	

Operating pressure : 2,0 to 8,5 bar

Operating temperature : 2 to 40°C

Connection diameter : 1"



SIMPLEX

ALTERNATE DUPLEX

Liter of resin	DIMENSIONS							
	Tank + Valve			Brine tank				
	Tank	Diam (mm)	Height (mm)	Volume (liters)	Diam (mm)	Diam (mm)	Height (mm)	
		A	B	C	d	D	E	
25	9 x 35	233	898	190	100	330	450	940
30	10 x 35	259	893	190	100	330	450	940
50	10 x 54	259	1381	190	145	380	500	1060
75	13 x 54	335	1398	190	200	430	550	1160
100	14 x 65	369	1674	190	200	430	550	1160
125	16 x 65	413	1705	190	350	475	740	1275
175	18 x 65	559	1721	190	500	475	740	1275
225	21 x 62	559	1721	190	350	475	740	1275



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