

# WS200

Electronics volumetrics nitrate removal filters  
Simplex or alternate duplex  
set with 2" valve mixing



ION EXCHANGE

DENITRATION

ELECTRONICS VOLUMETRICS NITRATE REMOVAL FILTERS

- Simplex or duplex volumetrics nitrate removal filters delivering 26.1 m<sup>3</sup>/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 225 up to 1400 liters of resin.



## NITRATE REMOVAL FILTERS DELIVERED WITH

- Electronic volumetric valve WS200, 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 pulse totalizer transmitter.
- 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 WS200

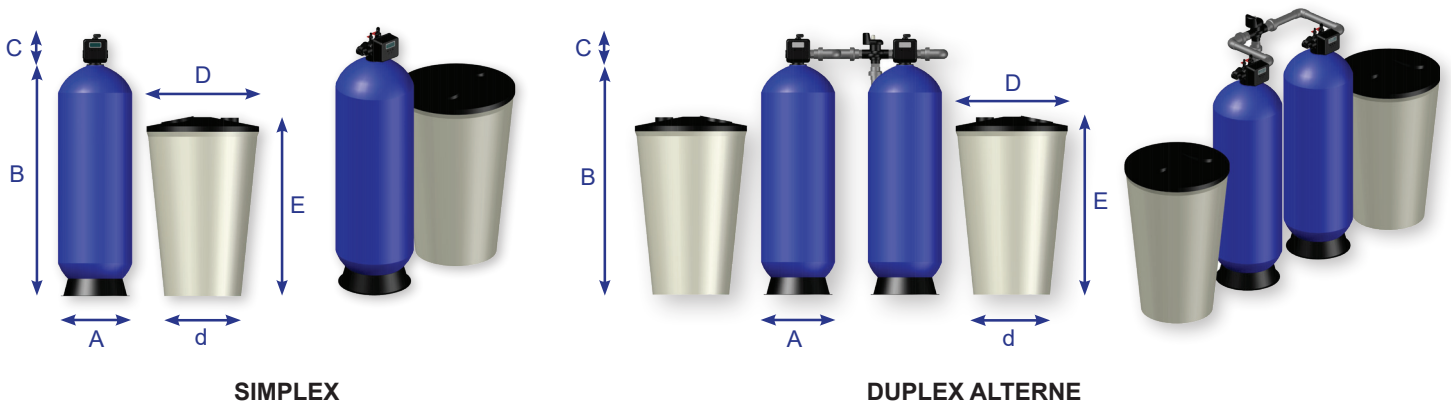
## CARACTERISTIQUES TECHNIQUES

Liter of resin	Tank	Brine tank volume	Max. flow rate m <sup>3</sup> /h	Exchange capacity
225	21 x 62	500	9.00	1,5°F to 2,5°F depending on the ratio NO <sub>3</sub> / (NO <sub>3</sub> +S0 <sub>4</sub> ) in °F and brine rate 125 to 250 g/l
350	24 x 72	750	14.00	
500	30 x 72	1000	20.00	
750	36 x 72	1500	26.10	
1100	42 x 72	1500	26.10	
1400	48 x 72	2000	26.10	

Operating pressure : 2,0 to 8,5 bar

Operating temperature : 2 to 40°C

Connection diameter : 2.0"



SIMPLEX

DUPLEX ALTERNE

### DIMENSIONS

Liter of resin	Tank	Tank + Valve			Tank + Valve			
		Diam (mm)		Height (mm)	Volume (litres)	Diam (mm)	Diam (mm)	Height (mm)
		A	B	C		d	D	
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
750	36 x 72	930	2150	235	1500	980	1250	1575
1100	42 x 72	1110	2400	235	2000	1050	1400	1690
1400	48 x 72	1230	2400	235	2000	1050	1400	1690



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