

Reverse osmosis membranes

ROBLUE SW2521 012 S S

[Link to product's PDF drawing](http://www.everblue.it/CadDrawings/RBSW2521012SS.pdf)
[\(http://www.everblue.it/CadDrawings/RBSW2521012SS.pdf\)](http://www.everblue.it/CadDrawings/RBSW2521012SS.pdf)
FEATURES

Model	ROBLUE
Configuration	Spiral wound membrane
Membrane material	Polyamide composite
Brine spacer material conc./permeate	Polypropylene
Membrane area	12 ft ²
Weight	2,0 lbs (0,9 Kg.)

TECHNICAL SPECS

Flow min.	240 gpd (0,9 m ³ /d)
Rejection	99,6% (nominale) 99,4% (minimo)

TEST CONDITIONS

Solution NaCl	32000 ppm
Pressure	800 psi (56 bar)
Temperature	77°F (25°C)
Permeate recovery	10%
PH Range	6,5 - 7,0

MAX OPERATING LIMITS

Operating pressure (fiberglass)	1000 psi (69 bar)
Operating pressure (tape wrapped)	
Pressure drop	10 psi (0,7 bar)
Temperature	113°F (45°F)
Feed flow	6 gpm (23 lpm)
Clorine concentration	< 0,1 ppm
Feed water SDI max (15 min.)	5,0
Feed water turbidity max	1,0 NTU
Feed water pH	3,0 - 10,0
Min. ration of concentrate to permeate flow each elem.	5:1

Code	Description	Quantity box	-
RBSW2521012SS	ROBLUE SW2521 012 S S	1	

Reverse osmosis membranes

ROBLUE SW2521 012 S S

MEMBRANES CODE LIST

Model	Type	Diameter		Length		Area		Pressure		Spec/rejection	
RB	SW	2,5"	25	21"	21	12 ft ²	Ø12	Standard	S	Standard	S

Approximate picture. Configuration and measures choice will lead to the assembly of a product which could differ from those shown in figure



The permeate flow for individual elements may vary + or - of 15%. The elements are vacuum sealed in a polyethylene bag and containing less than 1.0% sodium metabisulphite and 10% propylene glycol solution.

The limitations mentioned in the "Operating Limits" are for general use. For specific projects, the values may be more conservative to ensure the best performance and a longer life of the membrane.

The customer is fully responsible for the effects on the elements of incompatible chemicals. The presence of free chlorine and other oxidizing agents will cause damage to the membrane. The damage is not covered under warranty.

Everblue believes the information and data contained in this document are accurate and useful. The information and data are provided in good faith, but without guarantee, as conditions and methods of use of our products are out of our control.

Everblue is in no way responsible for the results obtained or damages caused by the application of information and data provided.

It is the user's responsibility to determine the appropriateness of Everblue's products for the user's specific ed uses.

Everblue doesn't provide any performance warranty, all the implied warranties of merchantability or fitness for a particular purpose are expressly excluded.

Please consult the manufacturer for detailed warranty information.

We reserve the right to modify or amend the specifications without prior notice.