

Reverse osmosis membranes

ROBLUE TW8040 400 XLE HF

[Link to product's PDF drawing](#)


FEATURES

Type	ROBLUE
Configuration	Spiral wound membrane
Membrane material	Polyamide composite
Brine spacer material conc./permeate	Polypropylene
Membrane area	400 ft²
Weight	36,0 lbs (16,4 Kg.)

TECHNICAL SPECS

Flow min.	14000 gpd (53,0 m3/d)
Rejection	98,8% (nominale) 98% (minimo)

TEST CONDITIONS

Solution NaCl	1500 ppm
Pressure	150 psi (10,3 bar)
Temperature	77°F (25°C)
Permeate recovery	15%
PH Range	6,5 - 7,0

MAX OPERATING LIMITS

Operating pressure (fiberglass)	
Operating pressure (tape wrapped)	600 psi (41,4 bar)
Pressure drop	10 psi (0,7 bar)
Temperature	113°F (45°C)
Feed flow	75 gpm (17,0 m3/h)
Chlorine 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	Price
RBTW8040400XLEHF	ROBLUE TW8040 400 XLE HF	1	-

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MEMBRANES CODE LIST

Model	Type	Diameter		Length		Area		Pressure		Spec/rejection	
RB	TW	8"	80	40"	40	400 ft ²	400	Extra Low Energy	XLE	High Flux	HF

Approximate picture. End caps and height's 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.

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