





# Reverse osmosis membranes **ROBLUE TW8040 400 XLE HF**

## Link to product's PDF drawing



#### **FEATURES**

Туре	ROBLUE	
Configuration	Spiral wound membrane	
Membrane material	Polyamide composite	
Brine spacer material conc./permeate	rmeate 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)
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	Price
RBTW8040400XLEHF	ROBLUE TW8040 400 XLE HF	1	-







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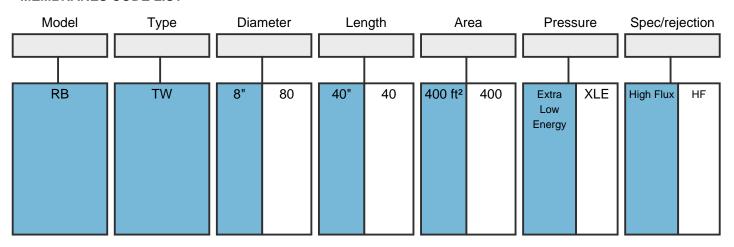
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#### **MEMBRANES CODE LIST**



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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