

PROBLUE NF Nanofiltration membrane + housing

PROBLUE NF4040 085 XLE R55

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

http://www.everblue.it/CadDrawings/PROBLUE NF 4040105 XLE R55_I.pdf

FEATURES

Model	PROBLUE
Configuration	Spiral wound membrane
Membrane material	Polyamide composite
Housing material	PVC
Membrane area	85 ft ²
Weight	16,8 lbs (7,6 Kg)

TECHNICAL SPECS

Flow min.	3000 gpd (11,4 m ³ /d)
Rejection	45-55%

TEST CONDITIONS

Solution NaCl	500 ppm
Pressure	70 psi (4,8 bar)
Temperature	77°F (25°C)
Permeate recovery	15%
PH Range	6,5 - 7,0

MAX OPERATING LIMITS

Operating pressure	150 psi (10 bar)
Pressure drop	10 psi (0,7 bar)
Temperature	113°F (45°C)
Feed flow	16 gpm (3,6 m ³ /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	-
PBNF4040085XLER55	PROBLUE NF4040 085 XLE R55	1	

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MEMBRANES CODE LIST

Model	Type	Diameter		Length		Area		Pressure		Spec/rejection	
PB	NF	4"	40	40"	40	85 ft ²	085	Extra Low Energy	XLE	Rejection 55%	R55

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.

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