

Eastern Refinery Limited

North patenga, Chattagram

Date: 07/02/2023

Low Pressure Reverse Osmosis Membrane (Brackish Water) Specifications (Qty: 18 No's):

Specification

SL No	Parameters	Values
1	Application	Low pressure (Brackish Water)
2	Dimension	40 / 7.9 / 1.125 inches 1016 / 201 / 29 mm
3	Active Membrane area (Minimum)	400 Ft ² (37.2 m ²)
4	Maximum operating pressure	600 psig (41.4 bar)
5	Permeate flow rate (Minimum) each element	11000 gpd (42 m ³ /day)
6	Stabilized salt rejection	99.00%
7	Membrane type	Composite Polyamide – Spiral wound
8	Max. Operating Temperature	113° F (45° C)
9	Max. Pressure drop per element	15 psig (1 bar)
10	pH range, continuous operation	2 to 11
11	pH range, chemical cleaning	1 to 13
12	Maxi. Feed silt density Index	5
13	Free chlorine tolerance	< 0.1 ppm

Others:

1. The Reverse Osmosis membrane element should be packed perfectly with suitable preservation chemical.
2. The supplier will have to provide installation service of the supplied membrane. Installation work will have to be completed within 01 (one) week from the date of supply.
3. The supplier will have to provide one year warranty of the supplied membrane.
4. Product catalogue & technical brochure will have to be submitted.
5. Country of origin will be USA, UK, EU, Japan, Australia, Canada, and KSA.
6. Necessary supporting document will have to provide to prove the authenticity of Country of Origin.