

RO Element--BWRO-MS8040-400

AIRFILTER[®]
ENGINEERING

DESCRIPTION



Type: Brackish Water (RO) reverse osmosis membrane element

Category: Brackish Water (RO) reverse osmosis

Performance: Hydrophilic

Effective membrane area (ft²/m²): 400/37.2

Average water production (GPD/m³/d): 10500/39.7

Recovery rate: 15%

FEATURES

- High desalting rate and stable permeate flow
- Salt rejection rate up to 99.5%
- Removing soluble salts, TOC, SiO₂, etc
- Decreasing the cost for relevant facilities and operating cost for the RO system

APPLICATIONS

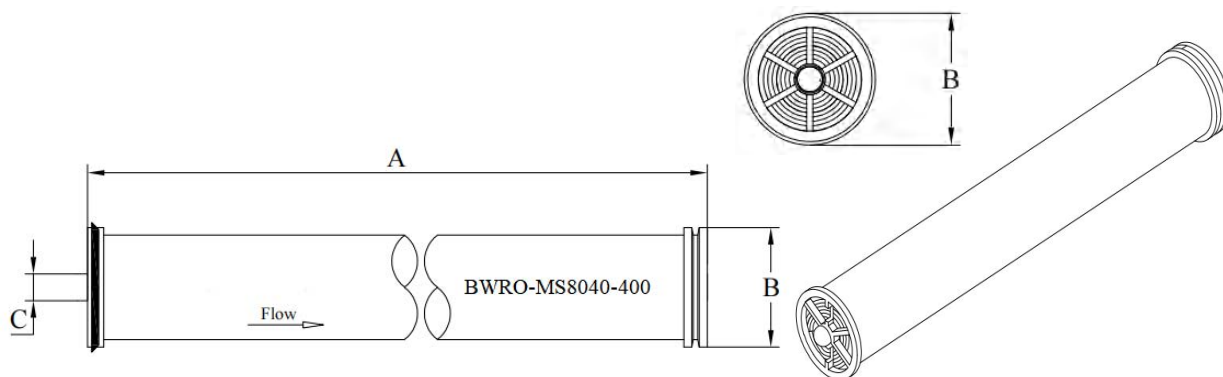
- Municipal sewage water
- Boiler feed water
- Foodstuff processing
- Pharmaceutical production



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SPECIFICATIONS



Model No.	BWRO-MS8040-400
A (inch/mm)	40 / 1016
B (inch/mm)	7.95 / 201.9
C (inch/mm)	1.125 / 28.6
Effective surface area (ft ² /m ²)	400 / 37.2
Product flow rate (GPD/m ³ /d)	10500 / 39.7
Salt rejection (%)	99.5
Test water pressure (psi)	225
Test water temperature (°C)	25
Recovery rate (%)	15
Maximum operating pressure (psi)	600
Maximum Feed water flow (gpm)	75
Maximum operating Temperature (°C)	45
Feed water chlorine concentration (ppm)	≤0.1
Maximum pressure drop for each element (psi)	15
Chemical feed water PH	1-13
Continuous feed water PH	2-11
Maximum Feed water SDI	5

AFE AIRFILTER MALAYSIA SDN. BHD.

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