



BW MOST+

Highest flow brackish water RO membrane for the MOST energy savings

Key Features

- Highest permeate flow rate
- Optimized membrane surface hydraulics
- Reduced differential pressure
- Good fouling resistance for low to medium salinity brackish water sources

Main Benefits

- MOST Energy-savings
- Reduced cleaning frequency, chemical use, and membrane replacements
- Reduced energy consumption and total cost of plant ownership

Ideal Applications

- Municipal drinking water



Headquarter: 54/18 Bui Quang La, An Hoi Tay Ward, HCMC, Vietnam

Branch: 77 Dong Hung Thuan 10B, Dong Hung Thuan Ward, HCMC, Vietnam

Phone: (028) 6258 5368 – (028) 6291 9568

Email: info@atswatertechnology.com

Website: www.atswatertechnology.com



Homepage



LinkedIn



Youtube



This product is certified to NSF/ANSI/CAN Standard 61 for drinking water systems

D-BWMOSTPLUS-EN-013026

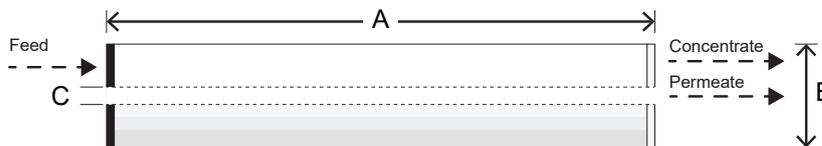
Performance Specifications

| Item | Unit | Test Condition A | Test Condition B |
|-----------------------------|-----------------------------------|------------------|------------------|
| Permeate Flow Rate | GPD (m ³ /d) | 14,500 (54.9) | 14,300 (54.1) |
| Stabilized Salt Rejection | % | 98.5 | 99.1 |
| Minimum Salt Rejection | % | 97.0 | 98.2 |
| Active Membrane Area | ft ² (m ²) | 440 (41) | |
| Feed Spacer Thickness, Type | mil | 28, low dP | |

The specifications outlined above are normalized performances based on the following test conditions:

- **Test Condition A:** 2,000 ppm NaCl, 125 psi (8.6 bar), 25°C (77°F), pH 7, Recovery 15%
- **Test Condition B (referential only):** 500 ppm NaCl, 100 psi (6.9 bar), 25°C (77°F), pH 7, Recovery 15%
- Permeate flow rates for individual elements may vary -20%

Dimensions and Weight



| Dimensions: mm (in) | | | Wet Weight: kg (lbs) |
|---------------------|--------------|----------------|----------------------|
| A | B | C | 16 (35) |
| Element Length | Element O.D. | Core Tube I.D. | |
| 1,016 (40) | 200 (7.9) | 28.6 (1.125) | |

All dimensional information is indicative and for reference only. Please contact NanoH2O for detailed technical specifications.

Operating Specifications

| Specification | Unit | Value |
|---|-------------------------|------------|
| Maximum Applied Pressure | psi (bar) | 600 (41.3) |
| Maximum Chlorine Concentration | ppm | < 0.1 |
| Maximum Operating Temperature | °C (°F) | 45 (113) |
| pH Range, Continuous Operation | | 2–11 |
| pH Range, Cleaning | | 2–12 |
| Maximum Feed Water Turbidity | NTU | 1.0 |
| Maximum Feed Water SDI ₁₅ | | 5.0 |
| Maximum Feed Flow | gpm (m ³ /h) | 75 (17) |
| Maximum Pressure Drop (ΔP) for Each Element | psi (bar) | 15 (1.0) |

These operating specifications are for general use. For specific applications, operation at more conservative values may ensure better performance and extended membrane life. See NanoH2O Technical Bulletins for more details.

The product performance is expressly conditioned on Buyer's storing, installing, operating, and maintaining Product in accordance with industry accepted good practices and Seller's written instructions provided in the Seller's Technical Manual may be viewed and downloaded at www.nanoh2owater.com. The information and data contained herein are deemed to be accurate and reliable and are offered in good faith, but without guarantee of performance. NanoH2O assumes no liability for results obtained or damages incurred through the application of the information contained

herein. Customer is responsible for determining whether the products and information presented herein are appropriate for the customer's use and for ensuring that customer's workplace and disposal practices are in compliance with applicable laws and other governmental enactments. Specifications subject to change without notice. All rights reserved. © NanoH2O Co., Ltd.

Please visit our website for regional contact information www.nanoh2owater.com