

## Product Data Sheet

# BWFR SERIES

High-Rejection Brackish Water RO Membrane  
Engineered for Long Lasting Reliability.



| Specification         | Sheet Area ft <sup>2</sup> (m <sup>2</sup> ) | Flux GPD (m <sup>3</sup> /d) | Minimum Salt Rejection (%) | Stablized Salt Rejection (%) |
|-----------------------|----------------------------------------------|------------------------------|----------------------------|------------------------------|
| <b>OTA2-4021-BWFR</b> | 36 (3.34)                                    | 900 (3.40)                   | 99                         | 99.3                         |
| <b>OTA2-4040-BWFR</b> | 85 (7.9)                                     | 2,200 (8.33)                 | 99                         | 99.3                         |
| <b>OTA2-8040-BWFR</b> | 400 (37.2)                                   | 10000 (37.8)                 | 99                         | 99.3                         |

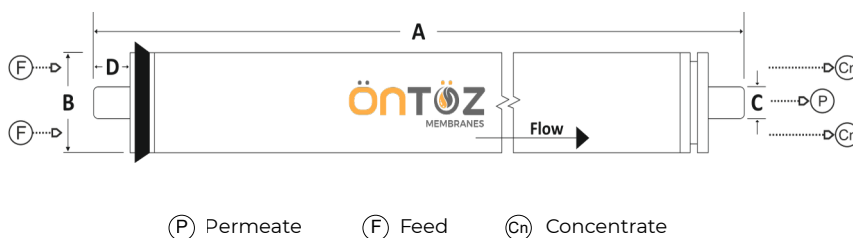
The specification outlined above are normalized performance values based on the following test conditions :

**Test Condition:** 2000 ppm NaCl solution, 225 psi (1.55 MPa), 25°C (77°F), pH 7.0, 15% recovery -

Permeate flow for individual elements may vary by ±15%.

### Core Features:

- High salt rejection efficiency
- Optimized low-pressure performance
- Strong fouling resistance



### Product Benefits:

- Consistent high-purity water output
- Energy-efficient operation
- Long service life

## Product Dimensions

| Specification | 4021                | 4040                | 8040                 |
|---------------|---------------------|---------------------|----------------------|
| <b>A</b>      | 533 mm (21 inch)    | 1016 mm (40 inch)   | 1016 mm (40 inch)    |
| <b>B</b>      | 99.7 mm (3.9 inch)  | 99.7 mm (3.9 inch)  | 200 mm (7.89 inch)   |
| <b>C</b>      | 19.1 mm (0.75 inch) | 19.1 mm (0.75 inch) | 28.6 mm (1.125 inch) |
| <b>D</b>      | 26.7 mm (1.05 inch) | 26.7 mm (1.05 inch) | -                    |

All dimensional information is indicative and for reference only.

### Suitable Applications:

- Brackish water treatment systems
- Industrial RO plants
- Commercial water purification units



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

**Important Notes :** Performance specifications are based on controlled laboratory conditions. Actual results may vary depending on system design, feed water quality, and operational parameters. Continuous exposure to oxidizing agents such as chlorine may cause irreversible membrane damage. Proper pretreatment is required to ensure optimal membrane life and performance.