

BW MOST/MOST+

The Highest Flow BWRO Membrane for the MOST Energy Savings

Developed from NanoH2O's breakthrough thin-film nanocomposite (TFN) technology, NanoH2O™ BW MOST/MOST+ delivers industry-leading high-flow performance in BWRO membranes.

Designed to maximize productivity, it enables higher output or reduced energy consumption, helping lower total cost of ownership. A proprietary feed spacer with low differential pressure further supports stable operation by enhancing flow conditions across the membrane surface.

The result is efficient, reliable performance under optimized operating conditions. BW MOST/MOST+ helps maximize plant uptime and overall operational efficiency.



Membrane
High-Flow BWRO



Feed Spacer
Low dP

Performance Specifications

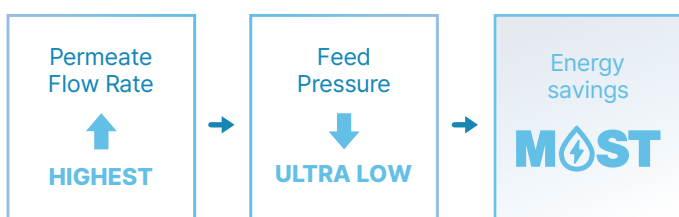
Model	Permeate Flow Rate	Stabilized Salt Rejection	Active Membrane Area	Feed Spacer
BW MOST	13,200 GPD (49.9 m³/d) ¹ 13,000 GPD (49.2 m³/d) ²	98.5% ¹ 99.1% ²	400 ft² (37 m²)	34 mil low dP
BW MOST+	14,500 GPD (54.9 m³/d) ¹ 14,300 GPD (54.1 m³/d) ²	98.5% ¹ 99.1% ²	440 ft² (41 m²)	28 mil low dP

Test Conditions ¹ Test conditions: 2,000 ppm NaCl, 125 psi (8.6 bar) feed pressure, 15% recovery, pH 7

² Test conditions: 500 ppm NaCl, 100 psi (6.9 bar) feed pressure, 15% recovery, pH 7

Value Proposition of BW MOST/MOST+

NanoH2O™ BW MOST/MOST+ incorporate the industry's highest flow BWRO membrane (see Graph A) and a low dP feed spacer, resulting in ultra-low feed pressures and the MOST energy savings for maximized OPEX savings.



Graph A: Permeate flow rate comparison (GPD)

Test conditions: 500 ppm NaCl, 100 psi (6.9 bar) feed pressure, 15% recovery, pH 7

