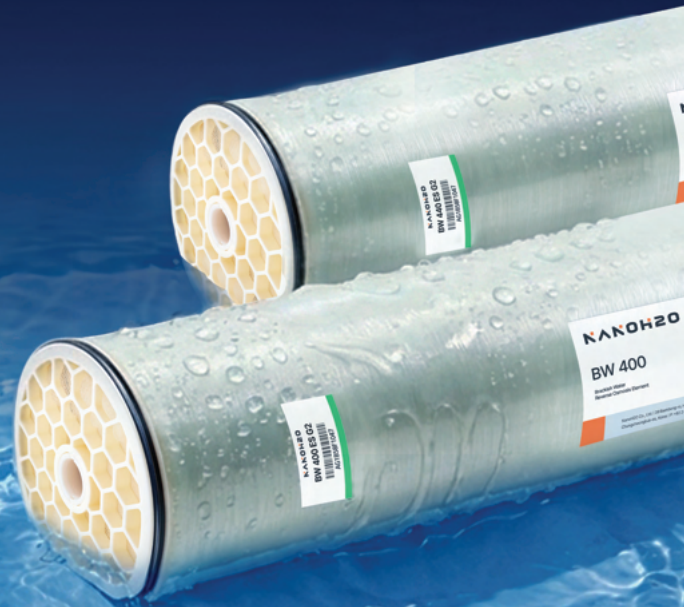


# BW ES G2

Next-generation Energy Saving BWRO Membrane with Proven Reliability

BW ES G2 is a leading BWRO membrane engineered to deliver the highest permeate flow in the energy-saving class with consistent salt rejection and low differential pressure.

The result is a highly reliable BWRO solution that maximizes energy efficiency, increases plant uptime, and delivers reliable long-term performance even under demanding water treatment conditions.



## Core Features



Membrane  
**Optimized High-Flow BWRO**



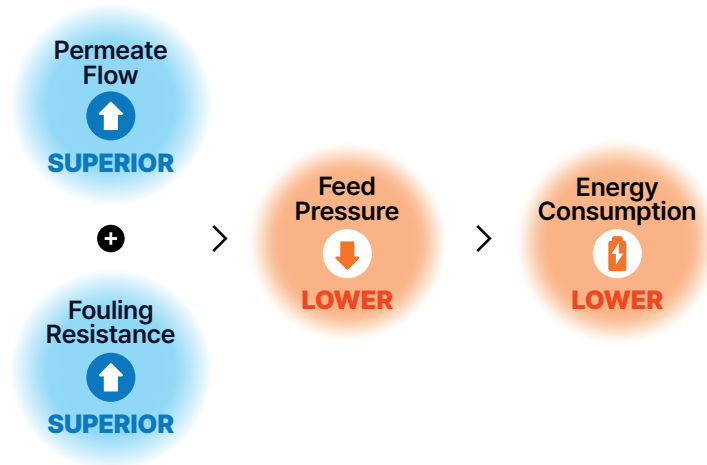
Feed Spacer  
**Low dP**

## Performance Specifications

Model	Permeate Flow rate	Stabilized Salt Rejection	Active Membrane Area	Feed Spacer
BW 400 ES G2	12,300 GPD (46.6 m <sup>3</sup> /d) <sup>1</sup>	99.65% <sup>1</sup>	400 ft <sup>2</sup> (37 m <sup>2</sup> )	34 mil low dP
	13,200 GPD (50.0 m <sup>3</sup> /d) <sup>2</sup>	99.70% <sup>2</sup>		
BW 440 ES G2	13,500 GPD (51.1 m <sup>3</sup> /d) <sup>1</sup>	99.65% <sup>1</sup>	440 ft <sup>2</sup> (41 m <sup>2</sup> )	28 mil low dP
	14,500 GPD (54.9 m <sup>3</sup> /d) <sup>2</sup>	99.70% <sup>2</sup>		

**Test Conditions** 1: 2,000 ppm NaCl, 150 psi (10.3 bar) 25°C (77°F), pH 7, Recovery 15%  
2 (Referential only): 1,500 ppm NaCl, 150 psi (10.3 bar) 25°C (77°F), pH 7, Recovery 15%

## Value Proposition of BW ES G2



## Permeate Flow Rate Comparison (GPD)

Test Conditions: 2,000 ppm NaCl, 150 psi feed pressure, 15% recovery, pH 6.5-8.0

