



Membrane Water Purification

ENGINEERING YOUR SUCCESS.

BW Series - Brackish Water RO Desalination



OUTPUT: Unit capacities from 15 gpm to 250 gpm (3-60m³/hr). Multiple skids/units can be combined in parallel for larger capacity systems and for reliability.

Applications:

Parker BW series desalination systems provide permeate water from brackish source water. BW systems are used for bottled water, drinking water, food and beverage manufacturing, irrigation, mining, power generation and at various industrial facilities.



Power Generation



Food & Beverage



Agriculture



Manufacturing
Equipment/Chemicals



Mining



Hotel/Resorts

Parker Features:

- Worldwide Parker Locations and Global Customer Support
- High Quality Equipment/Solutions Since 1918
- ISO Certified Quality
- 24/7 Availability - Reliability
Global Footprint
- Environmentally Engineered Membrane Solutions
- Over 50,000 Parker Employees

BW Series - Brackish Water RO Desalination

Brackish RO Model	CAPACITY (perm.)		No. of MEM.	DIMENSIONS (approx.)		
	(GPM)	(M3/HR)		L (ft/m)	W (ft/m)	H (ft/m)
BW-4	18	4	4	12.0/3.7	4.5/1.4	7.0/2.1
BW-6	27	6	6	12.0/3.7	4.5/1.4	7.0/2.1
BW-8	36	8	8	12.0/3.7	4.5/1.4	7.0/2.1
BW-10	44	10	10	12.0/3.7	4.5/1.4	7.0/2.1
BW-12	53	12	12	17.0/5.2	4.0/1.2	7.0/2.1
BW-16	71	16	16	17.0/5.2	4.0/1.2	7.0/2.1
BW-20	89	20	20	17.0/5.2	4.0/1.2	7.0/2.1
BW-24	107	24	24	17.0/5.2	4.0/1.2	7.0/2.1
BW-30	129	29	30	24.0/7.3	4.0/1.2	7.0/2.1
BW-36	155	35	36	24.0/7.3	4.0/1.2	7.0/2.1
BW-42	181	41	42	24.0/7.3	4.0/1.2	7.0/2.1
BW-48	207	47	48	24.0/7.3	4.0/1.2	7.0/2.1
BW-54	233	53	54	24.0/7.3	4.0/1.2	7.0/2.1
BW-60	258	59	60	24.0/7.3	4.0/1.2	7.0/2.1

STANDARD FEATURES: PLC automated, VFD RO pump, SS316 HP piping, 5 micron prefiltration, 8x40 BWRO membranes, instrumentation for flow, pressure and conductivity.

- Systems designed based upon 75% recovery treating up to 3,000 mS/cm conductivity well water at 20-25C, pH 6.5-7.5, SDI <3, TOC < 2.5ppm at 35-65 psi feed pressure
- System capacity and recovery is a function of the source water type, temperature and water quality
- Maximum feed water conductivity, 10,000 mS/cm with derated system capacity
- 380-480 V/3PH/50-60 HZ primary electrical power

Parker Hannifin Corporation

We manufacture highly engineered components and systems used around the world for various applications. Parker products are installed and operating in many industries such as Power generation, Aerospace, Oil and Gas, Beverage Production, Marine, Military, Agriculture, Construction, and other industrial applications.



Food



Water



Energy



Transportation



Defense



Environment



Infrastructure



Life Sciences

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