

Sea-R.O., Inc.

System Specifications - Models BW150 - BW10000

Standard Features:

- ❖ Thin Film Composite brackish membranes - industry standard
- ❖ 316 SS high pressure pump
- ❖ 316 SS tubing and fittings
- ❖ safety pressure relief valve (BW150-600)
- ❖ 5 micron Prefilter
- ❖ Epoxy coated steel or powder coated aluminum frame
- ❖ Fiberglass pressure vessels
- ❖ Automatic feed water shut off valve
- ❖ Electrical control panel
- ❖ High pressure control valve and gauge

Optional Features:

- ❖ 50hz motors for European voltage
- ❖ 60hz single phase
- ❖ Recycle valve
- ❖ Low pressure shut down switch
- ❖ flow meters for product and reject
- ❖ water quality (tds) monitor and controller
- ❖ Prefilter inlet and outlet gauges
- ❖ PH or ORP monitor system
- ❖ Dosing system
- ❖ Automatic fresh water flush system at shutdown
- ❖ High pressure shut down switch

System specifications

Model	GPD	Inlet	Membranes	Size	Recovery	Horsepower
BW150	150	3/4"	1	2.5x21"	4%	.75
BW300	300	3/4"	1	2.5x40"	9%	.75
BW600	600	3/4"	2	2.5x40"	18%	1
BW1000	1000	1"	1	4.0X40"	14%	5
BW2000	2000	1"	2	4.0X40"	26%	5
BW3000	3000	1"	3	4.0X40"	34%	5
BW4500	4500	1"	4	4.0X40"	44%	5
BW6000	6000	1.5"	6	4.0X40"	40%	5
BW10000	10000	1.5"	10	4.0X40"	50%	7.5

Above performance is based on feedwater at 10,000 ppm at 77 degrees F.

Weights and dimensions - options may increase dimensions

Model	Unit dimensions				Crated Dimensions for shipping			
	Length	Width	Height	Weight	Length	Width	Height	Weight
BW150	15	10	38	66	24	18	45	80
BW300	15	10	38	68	24	18	45	88
BW600	15	10	52	84	24	18	60	110
BW1000	36	22	52	176	48	32	60	220
BW2000	36	22	52	200	48	32	60	242
BW3000	36	22	52	220	48	32	60	270
BW4500	36	22	52	250	48	32	60	300
BW6000	60	26	48	465	64	39	58	540
BW10000	108	33	60	900	120	45	70	990

Above dimensions and weight are in inches and pounds