

# RB series Reverse Osmosis Systems

**1,500-6,000GPD (250-1,000LPH)**

## Benefits

- Designed for Brackish Water Desalination
- Adjustable Auto Permeate Flush Time
- Stainless Steel 316 Multistage Pump
- Capable of feeding TDS up to 10,000 ppm
- High Flow Low-Energy Membranes
- Low Maintenance
- Compact Space-Saving Design
- Standard Features

## Standard Features

RB series RO systems feature an excellent pre-treatment design with high-quality components to offer high performance. When you install a ROTEK reverse osmosis system, you will experience greater savings with lower maintenance and operation costs.

Also, the RB Series RO Systems are available in three categories to suit different feed water conditions:

- RB-E (Economical): Suitable for TDS 1000-3000ppm
- RB-L (Low Brackish): Designed for TDS 3000-5000ppm
- RB-H (High Brackish): Ideal for TDS 5000-10,000 ppm

While the system capacities range is the same, the primary factor determining the price is the type of pump used in each category.



## Specification

Model	RB1500	RB3000	RB4500	RB6000
Feed Water TDS	<10,000ppm	<10,000ppm	<10,000ppm	<10,000ppm
Recovery Rate*	18-50%	25-50%	25-50%	25-50%
Vessel Size	FRP4040 x 1	FRP4040 x 2	FRP4040 x 3	FRP4040 x 4
Permeate Flow Rate (lpm@ppm)**	4.1@8,000&3.1@10,000	8.3/7,000&5.7/10,000	12/6,000&7.6/10,000	16.6/5,000&9.2/10,000
Feed Connection	3/4" FNPT	3/4" FNPT	3/4" FNPT	3/4" FNPT
Permeate Connection	1/2"	1/2"	1/2"	1/2"
Concentrate Connection	1/2"	1/2"	1/2"	1/2"
Flush Connection	1/2"	1/2"	1/2"	1/2"
Pump type & Motor HP	Multistage 3HP	Multistage 3HP	Multistage 3HP	Multistage 3HP
Gross Dimension (cm)	69X63X147	69X63X147	69X63X147	69X63X147
Gross Weight (kg)	45	88	94	100