

Reverse Osmosis R4X40 Series

Three models for flow rates up to 6,600 US GPD

Standard Features

- Powder coated steel frame
- Inlet solenoid valve
- 20" prefilter
- Prefilter pressure gauge
- Multistage centrifugal pump
- Low-pressure protection with microprocessor auto reset
- Tank level input (dry contact)
- Pretreatment interlock input (dry contact)
- 2 1/2" liquid filled pump pressure gauge
- FRP pressure vessels
- Product flow meter
- Reject flow meter
- Concentrate needle valve
- Non metallic recycle needle valve
- Feed water & product water TDS monitor
- Pump start delay
- Inlet valve close delay



Applications

- Whole house
- Boiler feed water
- Humidifiers
- Greenhouses
- Process Water
- Electronics
- Car wash spot-free

Note: For indoor installation only.

Specifications

	WA-R4X40	
Membrane Size	4" x 40"	
Average membrane rejection	98%	
Feed Water Connection	3/4" NPTF	
Prefilter	2.5" x 20"	
Product Water Connection	5/8" tubing OD	
Reject Water Connection	5/8" tubing OD	
Feed Water Pressure (minimum)	10 psi	
Electrical Requirement *	120 VAC 60 Hz	230 VAC 60 Hz, 1 PH

Models

	WA-R4X40-1	WA-R4X40-2	WA-R4X40-3-230*
Maximum Productivity (gallons per day)	2200	4400	6600
Recovery (user adjustable)	15 - 75 %	25 - 75%	32 - 75 %
Number Of Membranes	1	2	3
Feed Water Required (maximum)	10 gpm	12 gpm	14 gpm
Drain Required (maximum)	10 gpm	12 gpm	14 gpm
Motor Horse Power	3/4	1	1 1/2
Dimensions W x D x H (inches)	20 x 20 x 50	20 x 20 x 50	20 x 26 x 50
Shipping Weight (estimated lbs)	120	150	180

* WA-R4X40-3-230 is available only in 230-volt single phase.

Note: Maximum production based on a feed water of 77 °F, SDI < 1, 1000 ppm TDS, and pH 7. Individual membrane productivity may vary (± 15%). May be operated on other feed waters with reduced capacity. Percent Rejection is based on membrane manufacturer's specifications; overall system percent rejection may be less.

Options

Part Number	Description
WA-R2350-SD	Product float switch
WA-R2288-165	165 gal tank whole house option**
WA-R2288	300 gal tank whole house option**
WA-R2288-500	500 gal tank whole house option**

**Includes atmospheric storage tank, product float switch, and repressure pump with built in controls.