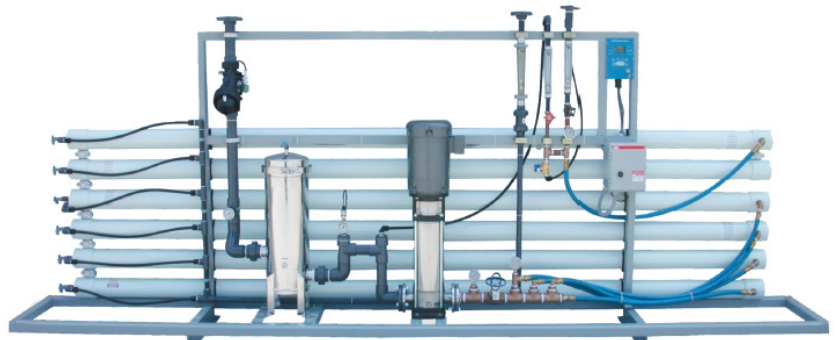


Reverse Osmosis R44 Series

Three models for flow rates up to 30 GPM.

Standard features

- Powder coated steel frame
- Electronic controller with product water conductivity meter
- FRP multi-port pressure vessels
- Stainless steel pre-filter and cartridges
- Vertical multi-stage centrifugal pump
- Automatic inlet valve
- Low-pressure shut-off with auto restart
- Tank level input
- Pretreatment interlock input
- Adjustable recycle line
- Concentrate auto flush
- Pre-filter pressure gauges
- Pump discharge pressure gauge
- Membrane feed pressure gauge
- Reject pressure gauge
- Flow meter for product water
- Flow meter for reject water
- Flow meter for recycle water
- Check valve for product water
- Sample valves for product water
- On / Off switch



Specifications

Feed water connection	2" Flange
Product water connection	1.5" Flange
Reject water connection	1" Flange
Feed water pressure requirement (min.)	10 PSIG
Drain requirement (maximum)	31, 39, 46 GPM
Electrical requirement	230VAC/60hz
Phase	3
Amps	30

Other voltages available, please contact us for details.

Models

Model No.	GALLONS PER MINUTE	Pump (H.P.)	Recovery (ADJ.)	Membrane Size	Membrane Array	Feed Water Requires* (GPM)	Typical Rejection	Dimensions L X H X D	Ship WT. (LBS.)
WA-R44-16-1131100	20	10/TEFC	65%-75%	4" x 40"	2:2	31	98%	192"x26"x72"	1400
WA-R44-20-1131100	25	10/TEFC	65%-75%	4" x 40"	3:2	39	98%	192"x26"x72"	1600
WA-R44-24-1131100	30	10/TEFC	65%-75%	4" x 40"	4:2	46	98%	192"x26"x72"	1800

NOTE: Performance specifications are based on 77 °F feed water, 3 SDI or less, TDS below 1000 and pH of 7. Please see water temperature conversion charts to determine actual production rate for each installation. Chlorine reduction and other pretreatment may be required. Membrane rejection rates are based on membrane manufacturer's specifications. Pre-filter is Flow-Max® FM4X3 filter housing, constructed using 316 stainless steel and 2" MNPT pipe fittings and Watts WPC5-2925 synthetic pleated cartridges. Systems are designed for use with municipal and well water.