

Reverse Osmosis R12 Series

Compact, wall-mounted RO systems
Four models for flow rates to 1200 US GPD.



Standard features (package #1)

- Compact, sturdy design
- Welded powder coated frame
- Liquid filled pre-filter pressure gauge
- Integrated booster pump(s)
- Stainless steel frame
- Automatic inlet valve
- Pre-filter housing and cartridge, 10"
- Procon pump (brass)
- 1/2 HP motor
- Liquid filled pump pressure gauge (2-1/2")
- FRP pressure vessels
- Needle valve for concentrate line
- Needle valve for recycle line
- Check valve for product water (stainless steel)
- Low-pressure shut-off with automatic restart
- High tank pressure switch (for use with bladder tank)
- Pretreatment interlock input (dry contact)
- Pump start delay
- Inlet valve delay

Model No.	Description
WA-R2864	Stainless steel leg kit
WA-R2350-SD	Product water float switch
WA-R2288	Whole house option*

*Includes 300 gallon tank, product water float switch and repressurization pump with built-in controls.

Additional features included in package #2

- Pre-filter pressure gauges
- Product water flow meter
- Reject water flow meter

Additional features included in package #3

- Automatic fast flush for concentrate

Specifications

Product water & reject water connection (tubing)	3/8"
Feed water requirement (maximum)	2.4 GPM
Feed water pressure requirement (minimum)	2.4 GPM
Drain requirement (maximum)	2.4 GPM
Electrical requirement	120v/60hz
Amps	8
Pump	1/2 HP

Models

Model No.	Package	GPD	Recovery (Adjustable)	Membrane Size	Number Of Membranes	Feed Water Connection	Typical Rejection	Dimensions L X H X D	Ship WT. (LBS.)
WA-R12-0150-1	1	150	15%-75%	2-1/2"x14"	1	1/2" NPT	98%	22"x32"x12"	50
WA-R12-0150-2	2	150	15%-75%	2-1/2"x14"	1	1/2" NPT	98%	22"x32"x12"	50
WA-R12-0150-3	3	150	15%-75%	2-1/2"x14"	1	1/2" NPT	98%	22"x32"x12"	50
WA-R12-0250-1	1	250	15%-75%	2-1/2"x14"	1	1/2" NPT	98%	22"x32"x12"	50
WA-R12-0250-2	2	250	15%-75%	2-1/2"x14"	1	1/2" NPT	98%	22"x32"x12"	50
WA-R12-0250-3	3	250	15%-75%	2-1/2"x14"	1	1/2" NPT	98%	22"x32"x12"	50
WA-R12-0600-1	1	600	15%-75%	2-1/2"x40"	1	1/2" NPT	98%	22"x52"x12"	60
WA-R12-0600-2	2	600	15%-75%	2-1/2"x40"	1	1/2" NPT	98%	22"x52"x12"	60
WA-R12-0600-3	3	600	15%-75%	2-1/2"x40"	1	1/2" NPT	98%	22"x52"x12"	60
WA-R12-1200-1	1	1200	25%-75%	2-1/2"x40"	2	1/2" NPT	98%	22"x52"x12"	70
WA-R12-1200-2	2	1200	25%-75%	2-1/2"x40"	2	1/2" NPT	98%	22"x52"x12"	70
WA-R12-1200-3	3	1200	25%-75%	2-1/2"x40"	2	1/2" NPT	98%	22"x52"x12"	70

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-Pro® FPMB5-978 melt blown cartridge. Systems are designed for use with municipal and well water.