ERE Environmental Remediation Equipment Inc.™

Reverse Osmosis R13 Series

Compact, wall-mounted RO Systems
Three models for flow rates to 1200 US GPD

Standard features

- Powder coated steel frames
- Inlet solenoid valve
- Pre-filter
- 1/2 HP motor
- Brass pump
- Liquid filled pre-filter pressure gauge
- 2 1/2" liquid filled pump pressure gauge
- Product water & reject water flow meters
- High pressure, non-metallic membrane housings
- SS needle valves for concentrate and recycle lines
- Stainless steel product water check valve
- On / Off toggle switch
- Low-pressure shut-off with auto restart
- Feed water and product water TDS monitor
- High tank level input (dry contact)
- Pretreatment interlock input (dry contact)
- Pump start delay
- Inlet valve delay

Proprietary Membranes
(for R13 systems

Applications

- Whole house
- Ice makers
- Labs
- Beverages
- Coffee shops
- Restaurants

Options

Part Number	Description
WA-R2868	Leg Kit
WA-R2350-SD	Product float switch
WA-R2288	Whole house option*

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

Specifications

Feed water connection	3/4" NPTF
Product water connection	3/8" Tubing OD
Reject water connection	3/8" Tubing OD
Feed water required (max.)	2.4 GPM
Feed water pressure (min.)	10 PSI
Drain required (max.)	2.4 GPM
Electrical requirements	120 VAC 60 Hz
Amps	8
Pump (H.P.)	1/2

Models

	WA-R13-0250	WA-R13-0600	WA-R13-1200
Maximum production (gallons per day)	250	600	1200
Average membrane rejection rate	98 %	98 % 9	8 %
Recovery (adjustable)	8 - 75 %	17 –75%	34 - 75 %
Membrane size	3" x 10"	3" x 20"	3" x 20"
Number of membranes	1 (P/N R96310)	1 (P/N R96320)	2 (P/N R96320)
Pre-filter (system ships with one 5 micron cartridge)	10"	20"	20"
Dimensions, approximate (W x H x D)	26" x 26" x 9"	26" x 36" x 9"	26" x 36" x 9"
Shipping Weight, estimated (lbs.)	50	60	75

Note: Performance specifications are based on 77°F feed water, SDI < 3, TDS below 1000 ppm and pH of 7. Individual membrane productivity and rejection rates are based on manufacturer's specifications. Please see water temperature conversion charts for production factor. Chlorine reduction and other pretreatment may be required. Systems are designed for use with municipal and well water.