

# WATTS® Commercial RO Systems

## R13 Series



R-13 with optional stand

### R13 Compact Wall Mount RO

Three models for flow rates to 1200 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

#### Applications

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

#### 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 required (max.)	10 PSI
Drain required (max.)	2.4 GPM
Electrical requirements	230 VAC 50 Hz
Amps	4
Pump (H.P.)	1/2

#### Options

Part No.	Description
R2868	Leg Kit
R2353-SD	SD Product float switch
R2288	Whole house option*

\* includes 300 gal tank, product float switch and repressurization pump with built-in controls

#### Models

	R13-0250	R13-0600	R13-1200
Maximum production (gallons per day)	250	600	1200
Average membrane rejection rate	98%	98%	98%
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 8. Individual membrane productivity and rejection rates are based on manufactures specifications. Chlorine reduction and other pretreatment may be required. Systems are designed for use with municipal and well water.



Proprietary Membranes

#### Replacement RO Membrane Cartridges

Part Number	Description
R96310	3" x 10" for RO model R13-0250
R96320	3" x 20" for RO models R13-0600 and R13-1200



#### Authorized distributor & stockist:



**ULTRAPURE PRIVATE LIMITED**  
 122A Joo Chiat Road, Singapore 427411  
 Tel: (65) 64403680 Fax: (65) 64403679  
 Email: info@ultrapure.com.sg  
 Website: www.ultrapure.com.sg