



ROS REVERSE OSMOSIS WITH DEIONIZER AND STORAGE TANK

DESCRIPTION:

Provides low conductivity water for washers, disinfectors, glassware washers, steam boilers and final rinses. Reverse osmosis system with all pretreatment on board in a PVC cabinet, a deionizer polisher, and a storage tank with demand pump package that provides up to 800 GPD.

FEATURES:

- Pre-carbon block filter
- Anti-scalant feed to prevent hard water scale on reverse osmosis
- Controller with conductivity of feed and product water
- Simple disinfection cycle
- Storage tank with sealed lid and pump package
- Deionizer polisher includes a 200,000 ohm-cm monitor with alarm
- Low feed pressure system shutdown / alarm
- High conductivity alarm
- Storage tank empty pump shutdown

STANDARDS:

- ETL listed, conforms to UL Std 61010-1
- Certified CAN/CSA C22.2 No. 61010-1
- ISO13485 registered device
- Seismic OPS-2202-07



SPECIFICATIONS

Drain	One 1-1/2" floor drain or sink
Feed Water Quality	Potable drinking water standards
Feed Water Temperature	Between 41°F - 90°F (Ideal 77°F)
Feed Water Flow Minimum	3 GPM
Feed Water Pressure Min. / Max.	20 PSI / 50 PSI
Projected Rejection	> 96%
Production Rated Capacity*	800 GPD / 3,028 LPD

* Product flow rate varies with temperature and inlet pressure. All models are rated at 77°F with feed water of 1500 mg/l NaCl @ 55 PSI feed pressure and pH of 7.5. As a safety factor use 60% of the rated capacity when sizing or add blend valve to temper the feed water.

MODELS

Model	00HC-2045	00HC-2050
Storage Tank (Gallons)	55	55
Distribution Pump Output	Standard Pump 20 GPM @ 20 PSI	High Flow Pump 30 GPM @ 30 PSI
Electrical	Two 115V, 20 amps dedicated circuits	One 115V, 20 amps dedicated circuit One 220V, 15 amps dedicated circuit
Recommended Space In. (W x D)	86 x 66	86 x 66
System Dimensions In. (W x D x H)	62 x 30 x 62	62 x 30 x 62
Weight – Shipping / Operating Lbs.	609 / 1,068	620 / 1,079

INSTALLATION:

- Standard flow system - Using 3/4" or 1" PVC piping, the system can be installed with up to 50' of pipe from the use. Subtract 2' for each 90° elbow in the pipe from the 50' length.
- High flow system - Using 1" PVC piping, the system can be installed with up to 105' of pipe from the use. Subtract 2' for each 90° elbow in the pipe from the 105' length.

ACCESSORIES

00850300	Remote alarm package
75679117	1 megohm monitor with alarm for deionizer
00HC-5001	Blend valve assembly