



RO2 REVERSE OSMOSIS WITH 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 and a storage tank with demand pump package that provides up to 2,200 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
- 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 OPA-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	5 GPM
Feed Water Pressure Min. / Max.	20 PSI / 50 PSI
Projected Rejection	> 96%
Production Rated Capacity*	2,200 GPD / 8,328 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-2016	00HC-2017	00HC-2018	00HC-2020	00HC-2021	00HC-2023
Storage Tank (Gallons)	55	100	185	55	100	185
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)	80 x 66	86 x 69	92 x 72	80 x 66	92 x 72	94 x 72
System Dimensions In. (W x D x H)	56 x 30 x 62	62 x 33 x 66	68 x 36 x 96	56 x 30 x 62	68 x 36 x 66	72 x 36 x 96
Weight – Shipping / Operating Lbs.	482 / 941	520 / 1,355	636 / 2,181	493 / 952	531 / 1,366	647 / 2,192

INSTALLATION:

- Standard flow system - Using ¾" 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
00HC-5001	Blend valve assembly