RO3 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, a deionizer polisher, and a storage tank with demand pump package that provides up to 4,200 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
- Deionizer polisher includes a 200,000 ohm-cm monitor with alarm
- 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*	4,200 GPD / 15,897 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-2053	00HC-2055
Storage Tank (Gallons)	100	185
Distribution Pump Output	High Flow Pump, 30 GPM @ 30 PSI	
Electrical	One 115V, 15 amps dedicated circuit Two 220V, 15 amps dedicated circuits	
Recommended Space In. (W x D)	129 X 72	129 X 72
System Dimensions In. (W x D x H)	105 X 36 X 66	105 X 36 X 96
Weight – Shipping / Operating Lbs.	777 / 1,612	893 / 2,438

INSTALLATION:
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