

# JT-SERIES WALL MOUNT REVERSE

**OSMOSIS SYSTEMS** 

**AXEON® JT-Series Wall Mount Reverse Osmosis Systems** offer high production capacities and are fully equipped with a computer controller, TDS monitor, multi-stage booster pump, low energy membranes and a sediment filter mounted on a corrosion-resistant, powder-coated aluminum frame.

AXEON JT-Series Wall Mount Reverse Osmosis Systems models are available in capacities of 2,000 and 4,000 gallons per day and feature the EZMount™ two-piece wall mounting system for easy installation. An optional mobile stand is also available to convert any of the models into floor standing units.



#### **FEATURES**

- Minitrol Computer Controller
  - Multi Color LED Indicator Status Light
  - Pre-Treatment Lockout
  - Tank Level Input
  - Low Pressure Monitoring and Alarm
- AXEON HF1-Series Low Energy Membranes
- AXEON 5-Micron Sediment Pre-Filter
- SS-Series Membrane Housings
- Pentair® Big Grey Cartridge Housing
- Goulds® Multi-Stage Booster Pump
- Concentrate Pressure Gauge
- Feed Low Pressure Switch
- GC® Feed Solenoid Valve
- Low Pressure Monitoring and Alarm
- 316L Stainless Steel Concentrate Valve
- Permeate and Concentrate Flow Meters
- Pre-Filter Pressure Gauge 0-100 psi
- Post-Filter Pressure Gauge 0-100 psi
- Pump Pressure Gauge 0-300 psi
- John Guest® Push/Pull Fittings with Locking Safety Clips
- White Powder Coated Aluminum Frame

#### **OPTIONS**

- S-150 Computer Controller with Feed Flush and Dual TDS
- S-150 Computer Controller Expander Board
- AXEON HF4-Series Extra Low Energy Membrane Elements
- AXEON HF5-Series Ultra Low Energy Membrane Elements
- FRP-Series Membrane Housings
- Goulds® Multi-Stage Stainless Steel Booster Pump
- Concentrate Recycle Valve with Flow Meter
- High Pressure Tank Switch
- Chemical Pump Outlet
- Optional Mobile Stand

## **SPECIFICATIONS**

Design         Single Pass         Single Pass           Feedwater Source (ppm)^^         TDS < 2000         TDS < 2000           Standard Recovery Rate %         31         64           Flow Rates*         ***Permeate Flow (gpm / [pm)           Permeate Flow (gpm / [pm)         1.38 / 5.22         2.78 / 10.52           Minimum Feed Flow (gpm / [pm)         4.38 / 16.60         5.78 / 21           Minimum Concentrate Flow (gpm / [pm)         3.7 11.36         3 / 11.36           **Connections***           **Eed (in)         1 FNPT         1 FNPT           **Permeate (in)         1/2 QC         1/2 QC           **Concentrate (in)         1/2 QC         1/2 QC           **Concentrate (in)         1 2 QC         1/2 QC           **Membranes Pre Vessel         1         1         1           **Membrane Size         4040         4040         4040           **Nominal Salt Rejection %         99         99         99           **Vessel           **Sesel Quantity         1         1.1         1.1           **Yessel Quantity         1         1.1         2 <td <="" colspan="2" th=""><th>MODELS</th><th>JT-2000</th><th>JT-4000</th></td>	<th>MODELS</th> <th>JT-2000</th> <th>JT-4000</th>		MODELS	JT-2000	JT-4000
Feedwater Source (ppm)*         TDS < 2000         TDS < 2000           Standard Recovery Rate %         31         64           Flow Rates*         Formeate Flow (gpm / Ipm)         1.38 / 5.22         2.78 / 10.52           Minimum Feed Flow (gpm / Ipm)         4.38 / 16.60         5.78 / 21           Minimum Concentrate Flow (gpm / Ipm)         3.31.36         3.71.36           Connections           Feed (in)         1 FNPT         1 FNPT           Permeate (in)         1/2 QC         1/2 QC           Concentrate (in)         1/2 QC         1/2 QC           Concentrate (in)         1         1         1           Membranes Per Vessel         1         1         1         1           Membranes Per Vessel         1         1         2         2         2         2         2         2         2         2         2         2         2         2         4	Design				
Standard Recovery Rate %   31   64	Configuration	Single Pass	Single Pass		
Flow Rates   Permeate Flow (gpm / lpm)	Feedwater Source (ppm) <sup>A</sup>	TDS < 2000	TDS < 2000		
Permeate Flow (gpm / lpm)         1.38 / 5.22         2.78 / 10.52           Minimum Feed Flow (gpm / lpm)         4.38 / 16.60         5.78 / 21           Minimum Concentrate Flow (gpm / lpm)         3 / 11.36         3 / 11.36           Connections           Feed (in)         1 FNPT         1 FNPT           Permeate (in)         1/2 QC         1/2 QC           Concentrate (in)         1         1         1           Membrane         1         1         1         1         1         1         1         1         1         1         1         1	Standard Recovery Rate %	31	64		
Minimum Feed Flow (gpm / lpm)         4.38 / 16.60         5.78 / 21           Minimum Concentrate Flow (gpm / lpm)         3 / 11.36         3 / 11.36           Connections           Feed (in)         1 FNPT         1 FNPT           Permeate (in)         1/2 QC         1/2 QC           Concentrate (in)         1/2 QC         1/2 QC           Membranes           Wessel         1         1           Membrane Quantity         1         2           Membrane Size         4040         4040           Nominal Salt Rejection %         99         99           Vessel Array         1         1.1           Vessel Array         1         2           Pump Type         Multi-Stage         Multi-Stage           Motor HP         1.5         1.5           RPM at 60Hz / 50Hz         3450 / 2900         3450 / 2900           System Electrical           System Electrical           Electrical           System Electrical           Electrical           System Electrical           Electrical           S	Flow Rates <sup>B</sup>				
Minimum Concentrate Flow (gpm / lpm)   3 / 11.36   3 / 11.36	Permeate Flow (gpm / lpm)	1.38 / 5.22	2.78 / 10.52		
Connections	Minimum Feed Flow (gpm / lpm)	4.38 / 16.60	5.78 / 21		
Feed (in)         1 FNPT         1 FNPT           Permeate (in)         1/2 QC         1/2 QC           Concentrate (in)         1/2 QC         1/2 QC           Membranes         Wembranes         Wembranes           Membranes Per Vessel         1         1           Membrane Quantity         1         2           Membrane Size         4040         4040           Nominal Salt Rejection %         99         99           Vessel           Vessel Array         1         1:1           Vessel Quantity         1         2           Pumps           Motor HP         1.5         1.5           RPM at 60Hz / 50Hz         3450 / 2900         3450 / 2900           System Electrical           Standard Voltage + Amp Draw <sup>C</sup> 220V, 60Hz, 1PH, 8.9AC         220V, 50Hz, 1PH, 8.9AC           220V, 50Hz, 1PH, 8.9AC         220V, 50Hz, 1PH, 8.9AC         220V, 50Hz, 3PH, 6.1AC           380V, 50Hz, 3PH, 6.1AC         380V, 50Hz, 3PH, 6.1AC         380V, 50Hz, 3PH, 6.1AC           380V, 50Hz, 3PH, 4.5AC         460V, 60Hz, 3PH, 4.5AC         460V, 60Hz, 3PH, 4.5AC           40V, 60Hz, 3PH, 4.5AC         460V, 60Hz, 3PH, 4.5AC         460V, 60Hz, 3PH, 4.5AC	Minimum Concentrate Flow (gpm / lpm)	3 / 11.36	3 / 11.36		
Permeate (in)	Connections				
Concentrate (in)         1/2 QC         1/2 QC           Membranes         Membranes Per Vessel         1         1           Membrane Quantity         1         2           Membrane Size         4040         4040           Nominal Salt Rejection %         99         99           Vessels Array           Vessel Quantity         1         1.1           Vessel Quantity         1         2           Pump Type         Multi-Stage         Multi-Stage           Motor HP         1.5         1.5           RPM at 60Hz / 50Hz         3450 / 2900         3450 / 2900           System Electrical           Standard Voltage + Amp Draw <sup>C</sup> 220V, 60Hz, 1PH, 8.3A         220V, 60Hz, 1PH, 8.9AC           220V, 50Hz, 2PH, 5.1AC         220V, 50Hz, 3PH, 5.1AC         220V, 50Hz, 3PH, 5.1AC           High Voltage Service + Amp Draw <sup>C</sup> 220V, 50Hz, 3PH, 4.5AC         380V, 50Hz, 3PH, 4.5AC         460V, 60Hz, 3PH, 3.5AC           System Dimensions           L x W x H (in / cm)         12 x 48 x 49 / 30.50 x 122 x 124.50         30.50 x 122 x 124.50	Feed (in)	1 FNPT	1 FNPT		
Membranes         Membranes Per Vessel         1         1           Membrane Quantity         1         2           Membrane Size         4040         4040           Nominal Salt Rejection %         99         99           Vessels           Vessel Sarray           1         1:1           Vessel Quantity         1         2           Pump Type         Multi-Stage         Multi-Stage           Motor HP         1.5         1.5           RPM at 60Hz / 50Hz         3450 / 2900         3450 / 2900           System Electrical           Standard Voltage + Amp Draw <sup>C</sup> 220V, 60Hz, 1PH, 8.3A         220V, 60Hz, 1PH, 8.9AC           220V, 50Hz, 2PH, 5.1AC         220V, 50Hz, 1PH, 8.9AC         220V, 50Hz, 3PH, 5.1AC           460V, 60Hz, 3PH, 5.1AC         220V, 50Hz, 3PH, 6.1AC         380V, 50Hz, 3PH, 6.1AC           380V, 50Hz, 3PH, 4.5AC         460V, 60Hz, 3PH, 5.9AC         230V, 50Hz, 3PH, 6.1AC           380V, 50Hz, 3PH, 4.5AC         460V, 60Hz, 3PH, 3.5AC         460V, 60Hz, 3PH, 3.5AC           System Dimensions           Lx W x H (in/cm)         12 x 48 x 49 / 30.50 x 122 x 124.50         30.50 x 122 x 124.50	Permeate (in)	1/2 QC	1/2 QC		
Membrane Per Vessel         1         1           Membrane Quantity         1         2           Membrane Size         4040         4040           Nominal Salt Rejection %         99         99           Vessel Array           Vessel Array         1         1:1           Vessel Quantity         1         2           Pumps           Wotor HP         Multi-Stage         Multi-Stage           Motor HP         1.5         1.5           RPM at 60Hz / 50Hz         3450 / 2900         3450 / 2900           System Electrical           Standard Voltage + Amp Draw <sup>C</sup> 220V, 60Hz, 1PH, 8.3A         220V, 60Hz, 1PH, 8.9AC           220V, 50Hz, 1PH, 8.9AC         220V, 50Hz, 1PH, 8.9AC         220V, 50Hz, 1PH, 8.9AC           220V, 50Hz, 3PH, 5.1AC         220V, 50Hz, 3PH, 6.1AC         380V, 50Hz, 3PH, 6.1AC         380V, 50Hz, 3PH, 6.1AC         380V, 50Hz, 3PH, 4.5AC         460V, 60Hz, 3PH, 3.5AC	Concentrate (in)	1/2 QC	1/2 QC		
Membrane Quantity         1         2           Membrane Size         4040         4040           Nominal Salt Rejection %         99         99           Vessels           Vessel Array         1         1:1           Vessel Quantity         1         2           Pumps           Wuffer Stage         Multi-Stage           Motor HP         1.5         1.5           RPM at 60Hz / 50Hz         3450 / 2900         3450 / 2900           System Electrical           Standard Voltage + Amp Draw <sup>c</sup> 220V, 60Hz, 1PH, 8.3A         220V, 60Hz, 1PH, 8.9AC           220V, 50Hz, 1PH, 8.9AC         220V, 50Hz, 1PH, 8.9AC         220V, 50Hz, 1PH, 8.9AC           220V, 50Hz, 3PH, 5.1AC         220V, 50Hz, 3PH, 5.1AC         220V, 50Hz, 3PH, 5.1AC           380V, 50Hz, 3PH, 4.5AC         380V, 50Hz, 3PH, 4.5AC         380V, 50Hz, 3PH, 4.5AC           460V, 60Hz, 3PH, 3.5AC         460V, 60Hz, 3PH, 3.5AC         460V, 60Hz, 3PH, 3.5AC           System Dimensions           Approximate Dimensions <sup>0</sup> L x W x H (in / cm)         12 x 48 x 49 / 30.50 x 122 x 124.50         30.50 x 122 x 124.50	Membranes				
Membrane Size         4040         4040           Nominal Salt Rejection %         99         99           Vessels         Vessel Array         1         1:1           Vessel Quantity         1         2           Pumps           Pump Type         Multi-Stage         Multi-Stage           Motor HP         1.5         1.5           RPM at 60Hz / 50Hz         3450 / 2900         3450 / 2900           System Electrical           Standard Voltage + Amp Draw <sup>C</sup> 220V, 60Hz, 1PH, 8.3A         220V, 60Hz, 1PH, 8.9AC           220V, 50Hz, 1PH, 8.9AC         220V, 50Hz, 1PH, 8.9AC           220V, 50Hz, 3PH, 5.1AC         220V, 50Hz, 3PH, 5.1AC           220V, 50Hz, 3PH, 6.1AC         380V, 50Hz, 3PH, 6.1AC           380V, 50Hz, 3PH, 4.5AC         460V, 60Hz, 3PH, 3.5AC           System Dimensions           L x W x H (in / cm)         12 x 48 x 49 / 30.50 x 122 x 124.50         30.50 x 122 x 124.50	Membranes Per Vessel	1	1		
Nominal Salt Rejection %   99   99   99	Membrane Quantity	1	2		
Vessel Array 1 1:1  Vessel Quantity 1 2  Pumps Pump Type Multi-Stage Multi-Stage Multi-Stage Motor HP 1.5 1.5  RPM at 60Hz / 50Hz 3450 / 2900 3450 / 2900  System Electrical  Standard Voltage + Amp Draw <sup>C</sup> 220V, 60Hz, 1PH, 8.3A 220V, 60Hz, 1PH, 8.3A 220V, 60Hz, 1PH, 8.9AC 220V, 60Hz, 3PH, 5.1AC 220V, 60Hz, 3PH, 5.1AC 220V, 50Hz, 3PH, 5.1AC 220V, 50Hz, 3PH, 5.1AC 380V, 50Hz, 3PH, 4.5AC 460V, 60Hz, 3PH, 4.5AC 460V, 60Hz, 3PH, 3.5AC  System Dimensions  Approximate Dimensions <sup>D</sup> L x W x H (in / cm) 12 x 48 x 49 / 30.50 x 122 x 124.50 30.50 x 122 x 124.50	Membrane Size	4040	4040		
Vessel Array         1         1:1           Vessel Quantity         1         2           Pumps           Pump Type         Multi-Stage         Multi-Stage           Motor HP         1.5         1.5           RPM at 60Hz / 50Hz         3450 / 2900         3450 / 2900           System Electrical           Standard Voltage + Amp Draw <sup>C</sup> 220V, 60Hz, 1PH, 8.3A         220V, 60Hz, 1PH, 8.3A           220V, 50Hz, 1PH, 8.9AC         220V, 50Hz, 1PH, 8.9AC           220V, 50Hz, 3PH, 5.1AC         220V, 50Hz, 3PH, 5.1AC           40V, 60Hz, 3PH, 5.1AC         220V, 50Hz, 3PH, 6.1AC           380V, 50Hz, 3PH, 4.5AC         380V, 50Hz, 3PH, 4.5AC           460V, 60Hz, 3PH, 3.5AC         460V, 60Hz, 3PH, 3.5AC           System Dimensions           Approximate Dimensions Dimensio	Nominal Salt Rejection %	99	99		
Vessel Quantity         1         2           Pumps         Multi-Stage         Multi-Stage           Motor HP         1.5         1.5           RPM at 60Hz / 50Hz         3450 / 2900         3450 / 2900           System Electrical           Standard Voltage + Amp Draw <sup>C</sup> 220V, 60Hz, 1PH, 8.3A         220V, 60Hz, 1PH, 8.9AC           220V, 50Hz, 1PH, 8.9AC         220V, 50Hz, 1PH, 8.9AC         220V, 50Hz, 3PH, 5.1AC           High Voltage Service + Amp Draw <sup>C</sup> 220V, 50Hz, 3PH, 6.1AC         220V, 50Hz, 3PH, 6.1AC           380V, 50Hz, 3PH, 5.1AC         220V, 50Hz, 3PH, 6.1AC         380V, 50Hz, 3PH, 4.5AC           460V, 60Hz, 3PH, 3.5AC         460V, 60Hz, 3PH, 3.5AC         460V, 60Hz, 3PH, 3.5AC           System Dimensions           Approximate Dimensions <sup>D</sup> L x W x H (in / cm)         12 x 48 x 49 / 30.50 x 122 x 124.50         30.50 x 122 x 124.50	Vessels				
Pumps         Multi-Stage         Multi-Stage           Motor HP         1.5         1.5           RPM at 60Hz / 50Hz         3450 / 2900         3450 / 2900           System Electrical           Standard Voltage + Amp Draw <sup>C</sup> 220V, 60Hz, 1PH, 8.3A         220V, 60Hz, 1PH, 8.9AC           4         220V, 50Hz, 1PH, 8.9AC         220V, 50Hz, 1PH, 8.9AC           4         220V, 50Hz, 3PH, 5.1AC         220V, 50Hz, 3PH, 5.1AC           4         220V, 50Hz, 3PH, 6.1AC         220V, 50Hz, 3PH, 6.1AC           380V, 50Hz, 3PH, 4.5AC         380V, 50Hz, 3PH, 4.5AC         460V, 60Hz, 3PH, 3.5AC           System Dimensions           Approximate Dimensions <sup>D</sup> L x W x H (in / cm)         12 x 48 x 49 / 30.50 x 122 x 124.50         12 x 48 x 49 / 30.50 x 122 x 124.50	Vessel Array	1	1:1		
Pump Type         Multi-Stage         Multi-Stage           Motor HP         1.5         1.5           RPM at 60Hz / 50Hz         3450 / 2900         3450 / 2900           System Electrical           Standard Voltage + Amp Draw <sup>C</sup> 220V, 60Hz, 1PH, 8.3A         220V, 60Hz, 1PH, 8.3A           L x W x H proximate Dimensions <sup>D</sup> L x W x H (in /cm)         220V, 50Hz, 1PH, 8.9AC         220V, 50Hz, 3PH, 5.1AC           220V, 50Hz, 3PH, 5.1AC         220V, 50Hz, 3PH, 5.1AC         220V, 50Hz, 3PH, 5.1AC           220V, 50Hz, 3PH, 6.1AC         380V, 50Hz, 3PH, 6.1AC         380V, 50Hz, 3PH, 4.5AC           380V, 50Hz, 3PH, 4.5AC         380V, 50Hz, 3PH, 3.5AC         460V, 60Hz, 3PH, 3.5AC           System Dimensions           L x W x H (in /cm)         12 x 48 x 49 / 30.50 x 122 x 124.50         12 x 48 x 49 / 30.50 x 122 x 124.50	Vessel Quantity	1	2		
Motor HP         1.5         1.5           RPM at 60Hz / 50Hz         3450 / 2900         3450 / 2900           System Electrical           Standard Voltage + Amp Draw <sup>C</sup> 220V, 60Hz, 1PH, 8.3A         220V, 50Hz, 1PH, 8.9AC           Light Voltage Service + Amp Draw <sup>C</sup> 220V, 50Hz, 1PH, 8.9AC         220V, 50Hz, 3PH, 5.1AC           Light Voltage Service + Amp Draw <sup>C</sup> 220V, 50Hz, 3PH, 6.1AC         220V, 50Hz, 3PH, 6.1AC           380V, 50Hz, 3PH, 4.5AC         380V, 50Hz, 3PH, 4.5AC         380V, 50Hz, 3PH, 4.5AC           460V, 60Hz, 3PH, 3.5AC         460V, 60Hz, 3PH, 3.5AC           System Dimensions           Approximate Dimensions <sup>D</sup> L x W x H (in /cm)         12 x 48 x 49 / 30.50 x 122 x 124.50         30.50 x 122 x 124.50	Pumps				
RPM at 60Hz / 50Hz         3450 / 2900           System Electrical           Standard Voltage + Amp Draw <sup>c</sup> 220V, 60Hz, 1PH, 8.3A         220V, 60Hz, 1PH, 8.3A           High Voltage Service + Amp Draw <sup>c</sup> 220V, 50Hz, 1PH, 8.9AC         220V, 50Hz, 1PH, 8.9AC           220V, 50Hz, 3PH, 5.1AC         220V, 60Hz, 3PH, 5.1AC           220V, 50Hz, 3PH, 6.1AC         380V, 50Hz, 3PH, 6.1AC           380V, 50Hz, 3PH, 4.5AC         380V, 50Hz, 3PH, 4.5AC           460V, 60Hz, 3PH, 3.5AC         460V, 60Hz, 3PH, 3.5AC           System Dimensions           Approximate Dimensions <sup>D</sup> L x W x H (in /cm)         12 x 48 x 49 / 30.50 x 122 x 124.50         12 x 48 x 49 / 30.50 x 122 x 124.50	Pump Type	Multi-Stage	Multi-Stage		
System Electrical           Standard Voltage + Amp Draw <sup>c</sup> 220V, 60Hz, 1PH, 8.3A         220V, 60Hz, 1PH, 8.9AC           Light Voltage Service + Amp Draw <sup>c</sup> 220V, 50Hz, 1PH, 8.9AC         220V, 50Hz, 1PH, 8.9AC           220V, 50Hz, 3PH, 5.1AC         220V, 60Hz, 3PH, 5.1AC           220V, 50Hz, 3PH, 6.1AC         220V, 50Hz, 3PH, 6.1AC           380V, 50Hz, 3PH, 4.5AC         380V, 50Hz, 3PH, 4.5AC           460V, 60Hz, 3PH, 3.5AC         460V, 60Hz, 3PH, 3.5AC           System Dimensions           Approximate Dimensions <sup>D</sup> L x W x H (in /cm)         12 x 48 x 49 / 30.50 x 122 x 124.50         12 x 48 x 49 / 30.50 x 122 x 124.50	Motor HP	1.5	1.5		
Standard Voltage + Amp Draw <sup>c</sup> 220V, 60Hz, 1PH, 8.3A       220V, 60Hz, 1PH, 8.3A         High Voltage Service + Amp Draw <sup>c</sup> 220V, 50Hz, 1PH, 8.9AC       220V, 50Hz, 1PH, 8.9AC         220V, 60Hz, 3PH, 5.1AC       220V, 60Hz, 3PH, 5.1AC         220V, 50Hz, 3PH, 6.1AC       220V, 50Hz, 3PH, 6.1AC         380V, 50Hz, 3PH, 4.5AC       380V, 50Hz, 3PH, 4.5AC         460V, 60Hz, 3PH, 3.5AC       460V, 60Hz, 3PH, 3.5AC     System Dimensions  Approximate Dimensions <sup>D</sup> L x W x H (in/cm)  12 x 48 x 49 / 30.50 x 122 x 124.50  30.50 x 122 x 124.50	RPM at 60Hz / 50Hz	3450 / 2900	3450 / 2900		
220V, 50Hz, 1PH, 8.9AC 220V, 60Hz, 3PH, 5.1AC 220V, 60Hz, 3PH, 5.1AC 220V, 60Hz, 3PH, 5.1AC 220V, 50Hz, 3PH, 5.1AC 220V, 50Hz, 3PH, 6.1AC 380V, 50Hz, 3PH, 4.5AC 460V, 60Hz, 3PH, 3.5AC  220V, 50Hz, 3PH, 6.1AC 380V, 50Hz, 3PH, 4.5AC 460V, 60Hz, 3PH, 3.5AC  220V, 50Hz, 3PH, 6.1AC 380V, 50Hz, 3PH, 4.5AC 460V, 60Hz, 3PH, 3.5AC  220V, 50Hz, 3PH, 6.1AC 380V, 50Hz, 3PH, 3.5AC  220V, 50Hz, 3PH, 5.1AC 220V, 50Hz, 3PH, 5	System Electrical				
220V, 60Hz, 3PH, 5.1AC   220V, 60Hz, 3PH, 5.1AC   220V, 60Hz, 3PH, 5.1AC   220V, 50Hz, 3PH, 6.1AC   220V, 50Hz, 3PH, 6.1AC   380V, 50Hz, 3PH, 4.5AC   380V, 50Hz, 3PH, 4.5AC   380V, 50Hz, 3PH, 4.5AC   460V, 60Hz, 3PH, 3.5AC   460V, 60Hz, 3PH, 3.5AC   380V, 50Hz, 3PH, 3.5AC   380V, 50Hz, 3PH, 4.5AC   460V, 60Hz, 3PH, 3.5AC   460V, 60Hz, 3PH, 3.5AC   460V, 60Hz, 3PH, 3.5AC   460V, 60Hz, 3PH, 4.5AC   460V, 60Hz, 4PH, 4PH, 4PH, 4PH, 4PH, 4PH, 4PH, 4PH	Standard Voltage + Amp Draw <sup>c</sup>	220V, 60Hz, 1PH, 8.3A	220V, 60Hz, 1PH, 8.3A		
Approximate Dimensions <sup>D</sup> L x W x H (in/cm) 12 x 48 x 49 / 30.50 x 122 x 124.50 12 x 48 x 49 / 30.50 x 122 x 124.50	High Voltage Service + Amp Draw <sup>c</sup>	220V, 60Hz, 3PH, 5.1AC 220V, 50Hz, 3PH, 6.1AC 380V, 50Hz, 3PH, 4.5AC	220V, 60Hz, 3PH, 5.1AC 220V, 50Hz, 3PH, 6.1AC 380V, 50Hz, 3PH, 4.5AC		
Approximate Dimensions L x W x H (in/cm) 30.50 x 122 x 124.50 30.50 x 122 x 124.50	System Dimensions				
Approximate Weight (lbs/kg) 150 / 68 175 / 79.40	Approximate Dimensions <sup>D</sup> L x W x H (in/cm)				
	Approximate Weight (lbs/kg)	150 / 68	175 / 79.40		

Test Parameters: 550 TDS Filtered (5-Micron), Dechlorinated, Municipal Feedwater, 65 psi / 4.50 bar Feed Pressure, 150 psi / 10.35 bar Operating Pressure, 77°F / 25°C, Recovery as stated, 7.0 pH. Data taken after 60 minutes of operation.

### OPERATING LIMITS<sup>E</sup>

Maximum Feed Temperature (°F / °C)	85 / 29	Maximum Turbidity (NTU)	1
Minimum Feed Temperature (°F / °C)	40 / 4	Maximum Free Chlorine (ppm)	0
Maximum Ambient Temperature (°F / °C)	120 / 49	Maximum TDS (ppm)	2,000
Minimum Ambient Temperature (°F / °C)	40 / 4	Maximum Hardness (gpm)	0
Maximum Feed Pressure (psi / bar)	85 / 6	Maximum pH (continuous)	11
Minimum Feed Pressure (psi / bar)	45 / 3	Minimum pH (continuous)	2
Maximum Operating Pressure (psi / bar)	150 / 10	Maximum pH (cleaning 30 minutes)	13
Maximum SDI Rating	< 3	Minimum pH (cleaning 30 minutes)	1

E. If any of the feed water parameters are not within the limits given, consult your local dealer or distributer for assistance.



A. Low temperatures and feedwater quality, such as high TDS levels will significantly affect the systems production capabilities and performance. Computer projections must be run for individual applications which do not meet or exceed minimum and maximum operating limits for such conditions.

B. Product flow and standard recovery rates are based on feedwater conditions as stated above. Do not exceed the recommended permeate flow.

C. Varies with motor manufacturer.
D. Does not include operating space requirements.