

SISTEMAS DE ÓSMOSIS INVERSA L1

AX L1 – Series Reverse Osmosis Systems are a cost-effective solution for light commercial reverse osmosis applications such as coffee, tea, food preparation, misting, hydroponics, detailing and more.

AX L1 – Series Reverse Osmosis Systems feature a compact wall mount space saving design and comes pre-assembled and ready for immediate service with simple utility connections. These systems are available in capacities of 200 and 300 gallons per day and feature a single pump design for reliable performance. Each model is engineered with quality AX components including fiberglass (FRP) membrane housings, extra low energy membranes, pressure gauges, filters and housings.



AX L1 – 300
Wall Mount
Reverse Osmosis System

Features

- AX HF4 – Series Extra Low Energy Membrane Elements
- AX FRP – Series 300E Fiberglass Membrane Housing
- AX 5 – Micron Sediment Pre-Filter
- AX 10 – Micron Carbon Block Pre-Filter and Post-Filter
- AX by Pentek® 10” Slim Line Cartridge Housings
- AX 0 – 300 psi Glycerin-Filled Pump Pressure Gauge
- AX 0 – 100 psi Glycerin-Filled Pre-Filter Pressure Gauge
- AX 0 – 100 psi Glycerin-Filled Permeate Pressure Gauge
- Aquatec Tank High Pressure Switch
- Composite Feed Solenoid Valve
- Aquatec Auto Flush Timer Valve

- Aquatec High Flow Booster Pump
- John Guest® Push/Pull Fittings with Locking Safety Clips

Options and Upgrades

- 10” and 20” Floor Stands
- AX HF5 – Series Ultra Low Energy Membrane Elements
- AX SS – Series Membrane Housing
- TDS Dual Monitor

Know Higher Standards™

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Product Specifications			
Models		L1-200	L1-300
Design			
Configuration		SinglePass	SinglePass
† FeedwaterSource		TDS<1000	TDS<1000
StandardRecoveryRate		40%	50%
†††			
RejectionandFlowRates			
NominalSaltRejection%		98.5	98.5
PermeateFlow(gpm/lpm)		0.14/0.53	0.21/0.79
MinimumConcentrateFlow(gpm/lpm)		0.21/0.79	0.21/0.79
Connections			
FeedFNPT(in)		3/8QC	3/8QC
PermeateFNPT(in)		3/8QC	3/8QC
ConcentrateFNPT(in)		1/4QC	1/4QC
Membranes			
Membrane(s)PerVessel		1	1
MembraneQuantity		1	1
MembraneSize		2514	2521
Vessels			
VesselArray		1	1
VesselQuantity		1	1
StandardPump			
PumpType		Aquatec8800	Aquatec5800
SystemElectrical			
StandardVoltage+AmpDraw		110V,60Hz,1PH,4.0A	110V,60Hz,1PH,4.0A
HighVoltageService+AmpDraw		220V,50Hz,1PH,2A	220V,50Hz,1PH,2A
SystemsDimensions			
DesignTemperature(° F/° C)	77/25	MaximumTurbidity(NTU)	1
MaximumFeedTemperature(° F/° C)	85/29	MaximumFreeChlorine(ppm)	0
MinimumFeedTemperature(° F/° C)	40/4	MaximumTDS(ppm)	1,000
MaximumAmbientTemperature(° F/° C)	120/49	MaximumHardness(gpg)	1
MinimumAmbientTemperature(° F/° C)	40/4	MaximumpH(Continuous)	11
MaximumFeedPressure(psi/bar)	85/6	MinimumpH(Continuous)	2
MinimumFeedPressure(psi/bar)	45/3	MaximumpH(Cleaning30Minutes)	13
† MaximumOperatingPressure(psi/bar)	110/7.5	MinimumpH(Cleaning30Minutes)	1
†† MaximumFeedSiltDensityIndex(SDI)	<3		
†††			