

Snapshot

The OptiPure AMS LP700/50 is a line-pressure Advanced Membrane Separation (AMS) system that removes 85-95% of the total dissolved solids (TDS) commonly found in tap water including >95% of the hardness minerals. This system produces up to 700 gallons per day (1/2 gpm) of optimal quality water for applications where TDS reduction and the removal of the majority of hardness minerals is required. The System includes integrated particulate and chlorine reduction pre-filtration and the AMS Processor in a space saving, wall-mount design. Included with the System is a 50 gallon atmospheric storage tank with a top-mounted, variable speed repressurization pump. Installation and connection hose, tubing and fittings are included.

System Benefits

- Virtually eliminates scale & corrosion problems related to high TDS & water hardness.
- Maximizes equipment operating and energy efficiency.
- Provides water with the ideal properties for steam cooking equipment and espresso machines.
- High performance, high-capacity prefiltration protects membranes and reduces filter replacement frequency.
- Optipure Selective Rejection Membranes allow a calculated permeation of non-hardness minerals to allow for optimal TDS and reduce the aggressive nature of pure water.
- Includes digital before and after TDS meter for push-button monitoring of system performance and water quality.
- Powder-coated steel mounting bracket and full-flow inlet shut-off valve makes installation simple.
- Built-in pressure gauge allows visual monitoring of operating pressure.
- Inlet shut-off and depressurization valves make changing the prefilters quick and simple.
- Only the drop-in filters are replaced. No discarding of metal or plastic quick-change filters.
- Replacement cartridge cost per gallon is much less than proprietary quick-change filters.
- Simple, easy-to-service and maintain design.

ITEM #: _____ QTY: _____
JOB NAME/NUMBER _____



Application

Provides ideal water for any foodservice application where high quality water with no scaling tendencies is desired; or where high TDS or improper mineral balance is a problem.

Installation Tips

- Feed-water connection to system should be COLD only.
- Do not exceed system specifications for temperature and pressure.
- Allow 3" clearance below system for filter housing removal and cartridge replacement.
- Connect filtered water line to ice and steam production connections only. Do not use for condenser water.
- Detailed installation, operation & maintenance manual is included with each system.
- No activation procedure or flushing is required for system to perform as specified.

Specifications

System		
Dimensions	Processor Tank	49"hx17"wx6.5"d 38"hx24"dia.
Connection - Feedwater		1/2" NFPT female
Operating Pressure Range		50-85 psi at 2 gpm (3.5 -5.9 bar)
Inlet Water Temperature Range		40° -100° F (4° -38° C)
Shipping Weight		100 lbs.
Power Requirements (Within 5' of unit)		Processor 120V 6W 60Hz RP Pump 120V 2A 60Hz
Drain Connection (Within 5' of unit)		2 GPM Minimum Flow
Performance		
Typical TDS* Rejection		85-95%
Production (at 77°F, 60psi) <i>Production rate is strictly dependent on feed water temperature and pressure.</i>		700 gals/day 29 gals/hr 0.5 gpm
Repressurization Pump (Self-priming)		0.25-2.75gpm at 50 psi

Replacement Media

Description	Part Number	Qty
PreFilters	252-20210	2
AMS Membranes	204-32205	2

It is recommended that PreFilters be changed every three months, when capacity is reached or when feedwater pressure or flow becomes inadequate. Membrane life varies depending on feedwater conditions and PreFilter maintenance. 12-18 months would be normal but it can be as long as 3-5 years.

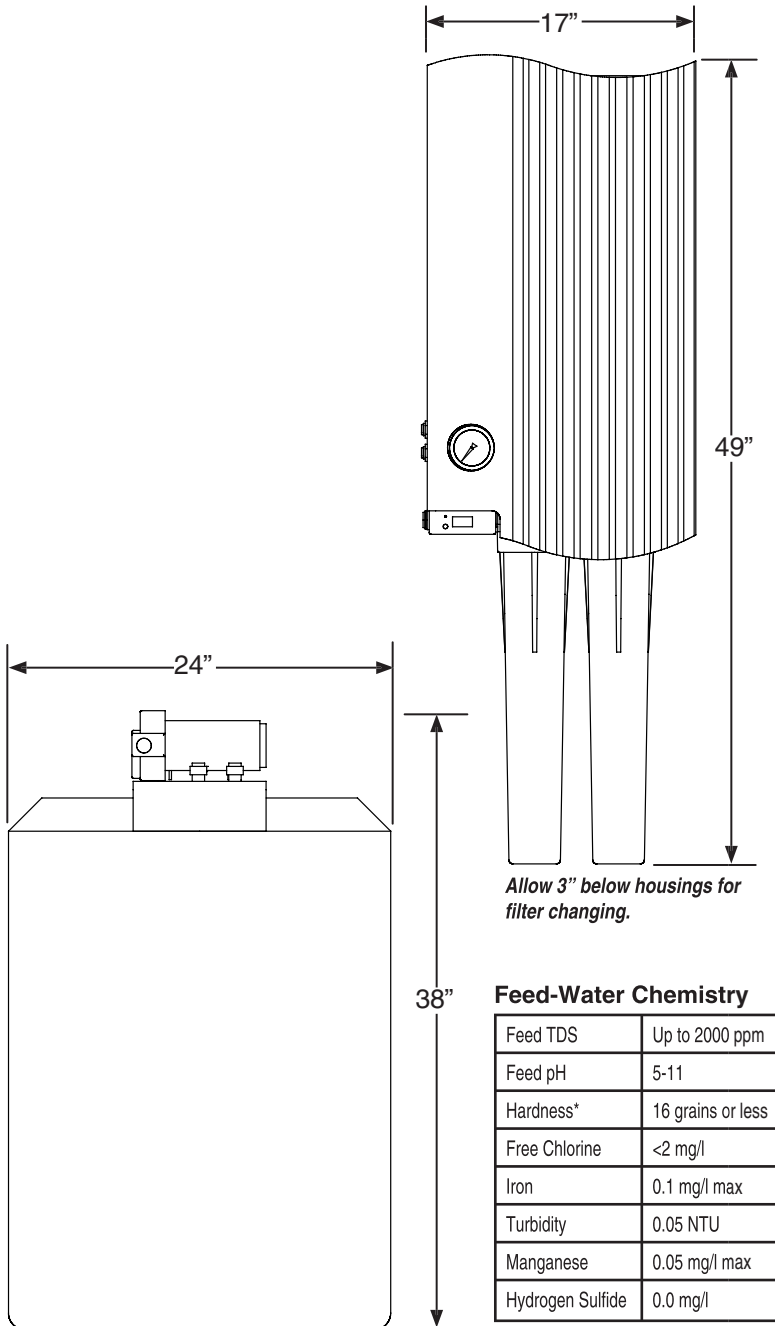
This product is for commercial use only and must be installed and maintained according to manufacturers guidelines.

Do not use on water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

Warranty

Systems have a 1 year warranty against defects in material and workmanship. For complete warranty information contact OptiPure customer service or go to the OptiPure website.

OptiPure AMS, Mfg. by Procam Controls, Inc.
2605 Technology Dr., Bldg 300
Plano, TX 75074
p: 972.881.9797; f: 972.422.6262
www.optipurewater.com



*For water over 16 grains use optional ScaleX2 pretreatment or water softening.

Dealer/Distributor Info: