

## RO-175 / REVERSE OSMOSIS SYSTEM

The **SFES RO 175** is designed to meet the high water quality standards demanded by specialty water-fed low-flow food service equipment such as steamers, combination ovens, proofers, rack and deck ovens. Water containing high amounts of dissolved solids and hardness adversely affects the operation and life of water-fed equipment, especially in high temperature environments where water is evaporated. Mineral scale deposits dramatically increase maintenance costs and downtime, while decreasing equipment life due to corrosion.

The SFES RO-175 removes up to 98% of dissolved minerals from the water supply providing excellent quality water for processes that are sensitive to mineral scale deposits and corrosion caused by certain water impurities.

## Standard Features

**Versatile & Economical** - Self contained storage tank allows the unit to be used without an external storage tank in low water flow applications saving space and costs. If needed, a larger external storage tank may be used for higher water volume demands.

**Small Space Requirement** - Measuring only 16"x16"x5" the complete self contained unit takes up little space and can be wall mounted or set on a table or shelf. Quick disconnect bulk head unions make installation a snap.

**Easy to Service** - The primary cartridge and RO membrane are quick disconnect filters making the filter change quick and easy.

**Effective Performance** - Incorporation of a Permeate Pump ensures excellent performance guarantying lowest product water / waste water ratio possible. ScaleStick insert inside primary cartridge extends membrane life and improves performance.

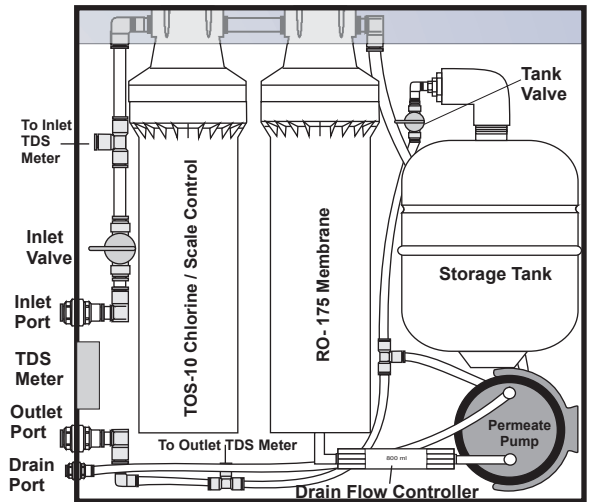
**TDS Meter** - Built in TDS Meter allows the user to monitor RO system performance by reading the incoming and outgoing TDS of the water.

### APPLICATIONS INCLUDE:

- \* Steamers & Combination Ovens
- \* Proof Boxes
- \* Deck & Rack Ovens
- \* Espresso / Cappuccino Machines
- \* Misting Systems

### BENEFITS INCLUDE:

- Scale Prevention & Corrosion Control Resulting In:
  - \* Reduced Equipment Maintenance Costs
  - \* Reduced Equipment Downtime
  - \* Increased Equipment Life
  - \* Decreased Operating Costs



## Specifications:

RO Dimensions	16"h x 16"w x 5.5"d
Production	175 gpd / 7.25 gph (Based on 60 psi incoming pressure @ 65°F water temp.)
Max. Temperature	100°F
Min/Max Pressure	40-80 psi (if pressure exceeds 80 psi, use a pressure regulator)
Filter requirements	(1) TOS-10 Primary Cartridge (1) RO-175 Membrane
Storage Tank (standard)	.5 Gallon / .27 Gallon draw down (total amount of water that can be used at one given time. If more water is required, a larger storage tank may be used inline with the equipment external from the RO-175 system.)
Connection Sizes	Inlet/Outlet - 3/8" Push Connect Fittings Drain - 1/4" Push Connect Fitting