MICROLINE® Reverse Osmosis System

FEATURES

- WQA S-300-91 Validated & NSF Validated
- Chromed long reach air gap faucet
- Water saving shut-off valve
- Pressure boost pump (optional)
- Precharged storage tank
- TFC-4 includes an additional polishing filter for taste and odor removal

Quality Water for a Quality Lifestyle

Reverse Osmosis (R.O.) is one of the most convenient and economical methods of reducing unwanted contaminants in your drinking water. Reverse Osmosis is the process by which water molecules are forced, by water pressure, through a semipermeable membrane. Most of the impurities and other contaminants are rinsed to the drain while the refined water is routed to a special holding tank.

The Microline® TFC-3 & TFC-4 Reverse Osmosis Drinking Water Systems use the latest advances in plastics technology to produce the most streamlined and user friendly R.O. systems on the market. What sets the Microline® apart from other systems is its patented design. Injection molded from FDA compliant materials, the system directs the flow of the water through each filtration step without the need for tubes or fittings. This design also contains major component parts like the water saving automatic shut-off, drain control and safety check valve, making it easy to maintain and service.

Another Microline® innovation is its patented membrane seal. This feature makes membrane replacement a snap without the need for tools. The Microline® Reverse Osmosis Drinking Water System is validated by the National Sanitation Foundation (NSF) Water Quality Association (WQA) under Industry Standard S-300-91 and by the state of Wisconsin's Department of Industry, Labor and Human Relations. Let Microline® provide the quality water you deserve – you'll taste the difference.

General Specifications	Microline® TFC-3 & TFC-4
Membrane Production	41 - 53 gallons/day
Rating[1] TDS Reduction	96% minimum
System Warm[2] Production	14 gallons/day
Rating Climate TDS Reduction	93% Typical
Water Pressure (min/max)	40-100 psi
Maximum Raw Water TDS (ppm)	2,000
Temperature Range (min/max)	40–100° F
pH Range	4.0–11.0
Maximum Hardness (grains)	<10
Maximum Iron (ppm)	<0.1
Maximum Manganese (ppm)	<0.05
Maximum Hydrogen Sulfide (ppm)	None
Chlorine Range (min/max)[3]	None
Bacteria[4]	Must Be Potable
Replacement Prefilter Number	PRE-GAC
Replacement Membrane Number	MM-TFC
Replacement Postfilter Number	PST-GAC
In-Line Activated Carbon Filter	MPOLJG
Space Required (DxWxH)	12 x 20 x 18
Approximate Shipping Weight (lbs)	25

Note 1: Measured at Industry Standard condition of 65 psi, 77° F, 250 TDS and discharging to atmosphere.
Note 2: Actual capacity measured at 50 psi, 77° F, and 750 TDS.
Note 3: Chlorinated feed water must not come into contact with TFC membranes.
Note 4: Do not use where the feed water is microbiologically unsafe or with water of unknown quality without adequate disinfection before or after the unit.