

CONSERV 75E HIGH EFFICIENCY REVERSE OSMOSIS SYSTEM

FOR ESPRESSO AND LOW VOLUME BREWING APPLICATIONS

EV9977-01 Conserv 75E RO System - EU



APPLICATIONS

- ◆ Espresso, Coffee
- ◆ Low Volume Applications up to 189 Lpd (50 gpd)

FEATURES • BENEFITS

- ◆ High efficiency reverse osmosis system for espresso and combination applications, such as espresso and ice makers.
- ◆ System includes 4FC5 Pretreatment Carbon Filter, High Efficiency GRO-75EN RO Membrane Cartridge, onboard RO water storage tank, 4CC Post Treatment Calcite Feeder and blending valve to balance effluent water mineral content and 4CB5 Post Carbon Filter Cartridge.
- ◆ Blending valve adjusts right balance of minerals for optimal scale and corrosion inhibition resulting in extended equipment life, reduced downtime due to costly maintenance and repair.
- ◆ Up to 50% water savings over conventional RO systems.
- ◆ Permits tailored blending of incoming water to produce the ideal mineral content for better-tasting espresso and coffee.
- ◆ Heating surfaces maintain peak heat transfer efficiency, reducing cycle times and energy consumption.
- ◆ Compact design allows for wall mount, countertop or undercounter installation.
- ◆ Protects against taste- and odor-causing contaminants while removing dirt, particulates and dissolved minerals.
- ◆ Sanitary cartridge replacement is simple, quick and clean; internal filter parts are never exposed to handling or contamination.
- ◆ Adaptable for ice applications via prefilter inlet.
- ◆ NSF/ANSI Standard 58 certified to reduce cysts such as *Cryptosporidium* and *Giardia* by mechanical means.
- ◆ Proprietary Fibredyne™ II filtration media effectively inhibits the growth of bacteria on the filter media that can decrease product life.

INSTALLATION TIPS

- ◆ Choose a mounting location suitable to support the full weight of the system when operating.
- ◆ Install vertically with cartridges hanging down.
- ◆ Allow 6.35 cm clearance below the cartridge for easy cartridge replacement.
- ◆ The water inlet must supply a minimum of 2.7-5.8 bar, non-shock.
- ◆ Delime equipment prior to installation.

OPERATION TIPS

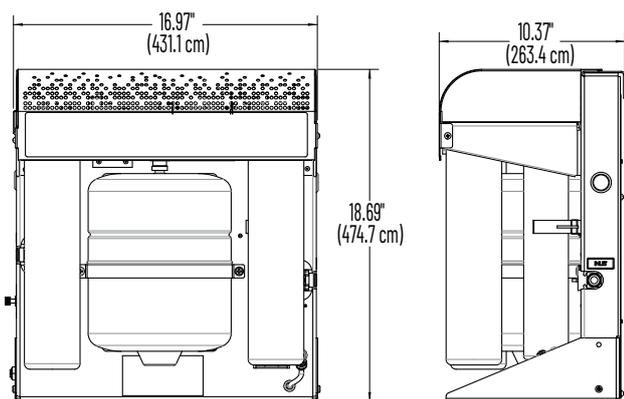
- ◆ Replace the Everpure 4FC5-S Pretreatment Carbon Filter Cartridge, the 4CC Post Treatment Calcite Feeder, 4CB5 Post Carbon Filter Cartridge and the Pentair GRO-75EN RO Membrane Cartridge every 12 months.

SIZING

- ◆ Daily Production Rate: 191.20 Lpd

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SPECIFICATIONS

- ◆ **Daily Production Rate**
191.20 Lpd
- ◆ **Service Flow Rate**
(1.9 L @ 3.4 - 5.8 bar)
- ◆ **Overall Dimensions**
45.7 cm H x 43.1 cm L x 26 cm P
- ◆ **Inlet Connection**
3/8" OD John Guest® fitting
- ◆ **Outlet Connection**
3/8" OD John Guest® fitting
- ◆ **Wastewater Line Connection**
1/4" OD John Guest fitting
- ◆ **Operating Pressure Requirements**
2.7 - 5.8 bar, non-shock
- ◆ **Maximum Operating Pressure**
8.6 bar
- ◆ **Inlet Temperature**
0 - 37.7°C
- ◆ **Inlet TDS**
1,000 ppm maximum
- ◆ **Operating Weight**
24.04 kgs
- ◆ **Wastewater Production**
53 - 75 Lpd @ 414 kPa, 25°C
- ◆ **Wastewater Drain Line Capacity**
200 ml/m to open atmosphere
- ◆ **Storage Tank Capacity**
2 gallon tank; effective/usable capacity 1 gallon (3.8 L)
- ◆ **Electrical**
100-240VAC/50-60Hz switchable power supply



The RO System is Tested and Certified by NSF International against NSF/ANSI Standard 58 for the reduction of the claims specified on the Performance Data Sheet or at www.nsf.org.

The contaminants or other substances removed or reduced by this drinking water system are not necessarily in your water. Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system. Systems certified for cyst reduction may be used with disinfected water that may contain filterable cysts.

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