

EZ-RO™ 200/5G REVERSE OSMOSIS SYSTEM

System Part Number: EV9975-52



EZ-RO 200/5G
wall mount



EZ-RO 200/5G
with optional
floor stand bracket



5-gallon hydropneumatic tank

SYSTEM DESCRIPTION

Leveraging proprietary technology, the **EZ-RO 200/5G** system uses Reverse Osmosis (RO) to reduce Total Dissolved Solids (TDS); it provides up to 200 gal/day (757 L/day)* and includes a five-gallon (18.9 L) hydropneumatic tank. Ideal for applications where RO is necessary to meet manufacturer's warranty requirements†.

APPLICATIONS

- ◆ Combi ovens
- ◆ Steamers
- ◆ Proofers

FEATURES • BENEFITS

- ◆ Meets combi oven and steamer equipment water quality standards; known to significantly reduce scale and corrosion problems due to high TDS, water hardness*, and chlorides†
- ◆ 4CM cartridge provides optimal mineral content for proper function of conductivity sensors on steam equipment
- ◆ Non-electric design operates on available water pressure†
- ◆ Sealed hydropneumatic storage tank provides capacity and pressurized water to downstream equipment
- ◆ Compact design allows installation under counters and in tight spaces
- ◆ Pressure gauge allows monitoring of RO inlet pressure and prefilter condition
- ◆ Built-in bypass, sample port and flush valves speed up installation and cartridge replacement
- ◆ Proprietary Fibredyne™ II filtration media effectively inhibits growth of bacteria on the filter media that can decrease product life. Also can reduce sediment and chlorine to help protect the RO membrane*
- ◆ High flow 1/2" ID hose optimized water line to equipment
- ◆ Installation kit comes complete with tubing, fittings, and mounting hardware for installation
- ◆ High efficiency RO membrane saves up to two times more water than standard RO membranes‡
- ◆ Numerous patents pending on technology and other aspects of the product design

INSTALLATION TIPS

- ◆ Feed water connection to system—should be COLD only. Tempered water up to 80°F (26.6°C) can be used.
- ◆ Do not exceed system specifications for temperature and pressure.
- ◆ Provide a dedicated feed water supply connection of at least 3/8" inner diameter.
- ◆ For use with steam generation only. Do not use for condensate or wash water.
- ◆ Allow 3" clearance below system for filter cartridge removal and replacement.
- ◆ Detailed, illustrated installation guide is included with each system.

*Not performance tested or certified by NSF.

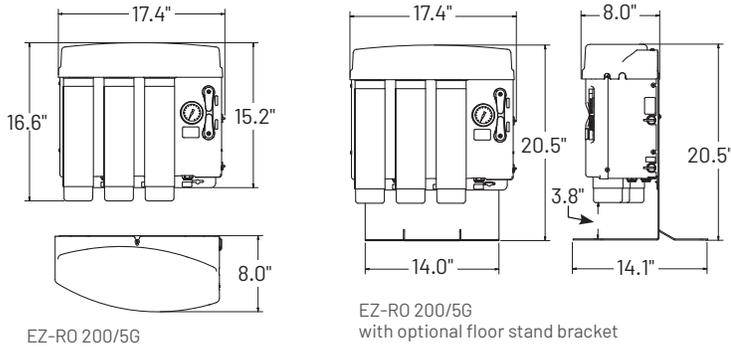
† When installed, serviced and maintained according to Pentair Everpure Installation Operation Instructions.

‡ Up to 50% recovery compared to standard RO systems with 25% recovery.

EPA Est. 002623-IL-003

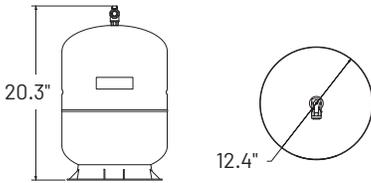
EZ-RO™ 200/5G REVERSE OSMOSIS SYSTEM

EV9975-52



EZ-RO 200/5G

EZ-RO 200/5G
with optional floor stand bracket



5-gallon hydropneumatic tank

SPECIFICATIONS

| System | System |
|--|--|
| Overall Dimensions - Processor 16.6" H x 17.4" W x 8.0" D (42.2 cm x 44.2 cm x 20.3 cm) | Shipping Weight 41 lbs (18.6 kgs) |
| Tank Dimensions & Capacity 20.3" H x 12.4" DIA (51.6 cm x 31.5 cm) 5 gallons (18.9 L) | Electrical Connection None required |
| Connections Inlet: 3/8" push-to-connect Outlet: 1/2" OD push-to-connect; 3/4" garden hose connection included | Performance Daily Production Rate Up to 200 gpd (757 Lpd)* nominal at 77°F (25°C), 750 ppm NaCl, 60 psi (4.1 bar) feed water pressure*; production will vary based on water supply temperature and pressure |
| Pressure Requirements 50 - 100 psi (3.5 - 6.9 bar), non-shock | Service Flow Rate Dependent on water level and pressure in storage tank |
| Water Temperature 40-100°F (4 - 38°C) | |

*Not performance tested or certified by NSF.

OPTIONS

| Model | Description | Part No |
|--------------|----------------------------|-----------|
| PRV | Pressure reducing valve | 164-89938 |
| Air Gap Kit | Air gap approved for drain | 164-89905 |
| EZFS | Floor stand bracket | EV3159-68 |
| Mixing Valve | Thermostatic mixing valve | EV3114-79 |

REPLACEMENT CARTRIDGES

| Model | Qty | Description | Part No |
|--------|-----|------------------|-----------|
| 4FC5-S | 1 | Prefilter | EV9693-31 |
| EZ-200 | 1 | RO membrane | EV9628-92 |
| 4CM | 1 | Mineral addition | EV9627-80 |

It is recommended that pre-/post-filters and mineral addition cartridges are changed every six (6) months, when capacity is reached, or when feed water pressure or flow becomes inadequate.

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.

Since the conditions under which our products may be used are beyond our control, we cannot accept any liability with respect to the improper installation, application and/or use of our products.



System is Tested and Certified by NSF International against NSF/ANSI 58 and CSA B483.1 for the reduction of Total Dissolved Solids (TDS).

Feed Water Chemistry

| | | | |
|-----------------------|-----------------------|------------------|----------------|
| Feed TDS | Up to 1000 ppm | Turbidity | <1.0 NTU |
| Feed pH | 5-10 | Manganese | <0.05 mg/L max |
| Hardness [†] | 12 grains/gal or less | Hydrogen Sulfide | 0.00 mg/L |
| Free Chlorine | <3 mg/L | Silica | <20 ppm |
| Iron | <0.1 mg/L | | |

[†] For water outside of these parameters, call Pentair Customer Service.



For Pentair Everpure Product Warranties visit:
<http://pentair.com/assets/foodservice-warranty>

For Pentair Patent Information visit:
<http://pentair.com/patents>

United States | 1040 Muirfield Drive | Hanover Park, IL 60133 | 800.942.1153 (US Only) 630.307.3000 Main | cseverpure@pentair.com | foodservice.pentair.com
 Australia | 1-21 Monash Drive | Dandenong South, Vic 3175 | Australia | 011.1300 576 190 Tel | au.everpure@pentair.com
 China | 21F Cloud 9 Plaza, NO 1118 | Shanghai, 200052 | China | 86.21.3211.4588 Tel | china.water@pentair.com
 India | Boulevard, B-9/A, 7th Floor - Tower B Sector 62 | Noida - 201301 | 91.120.419.9444 Tel | indiacustomer@pentair.com
 Europe | Pentair Water Belgium BV | Industriepark Wolfstee, Toekomstlaan 30, B-2200 Herentals | Belgium | +32.(0).14.283.504 Tel | sales@everpure-europe.com
 Japan | Japan Inc. | Hashimoto MN Bldg. 7F, | 3-25-1 Hashimoto, Midori-ku, Sagami-hara-shi | Kanagawa 252-0143 | Japan | 81.(0)4.2775.3011 Tel | info@everpure.co.jp
 Southeast Asia | 390 Havelock Road, | #04-01 King's Centre | Singapore 169662 | 65.6768.5800 Tel | cseverpure@pentair.com

All indicated Pentair trademarks and logos are property of Pentair. Third party registered and unregistered trademarks and logos are the property of their respective owners.