The Pentair GRO-2550 system includes the high recovery GRO-50 encapsulated membrane. The system includes a 5 micron sediment and carbon block prefilter that reduces sediment and odor and improves taste.

The carbon and sediment prefilters reduce the particles and chlorine taste and odor to prolong the life of the RO membrane. The RO membrane separates water molecules from dissolved salts and minerals. The RO filtered water is sent to the storage tank until you need it. When you turn on the drinking water faucet, the filtered water from the storage tank is sent through a carbon polishing filter which provides final taste and odor filtration before the water reaches your glass. Cleaner, fresher water whenever you want it!

**FEATURES/BENEFITS**

- Includes 50 gallon per day high recovery GRO reverse osmosis encapsulated membrane
- Water on demand delivered from a storage tank
- Encapsulated element for simplified replacement
- Meltblown sediment depth prefilter
- Extruded carbon block prefilter
- Reduces salts, dissolved minerals, and bad taste and odor
- Designed for chlorinated and non-chlorinated potable drinking water
- Drinking water faucet with air gap
- NSF Certified for materials and performance
- 3/8” tubing to the faucet for high flow

**APPLICATIONS**

- Point-of-use drinking water
- Undersink installations
- Refrigerator icemaker

**SPECIFICATIONS**

- **Temperature Range:** 40-100°F (4.4-37.8°C)
- **Pressure Range:** 40-100 psi (2.75-6.89 bar)
- **System Production Rate:** 10.09 gpd (38.19 Lpd)
- **Recovery Rating:** 31.76%
- **Efficiency Rating:** 15.39%
- **TDS Rejection:** 96.8%
- **Dimensions:** 15-inch W x 51/2-inch D x 171/4-inch H (38.1 cm W x 12.7 cm D x 43.8 cm H)
- **Weight:** 18 lbs. (8.16 kg)
SHIPPING SPECIFICATIONS

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>MODEL</th>
<th>DESCRIPTION</th>
<th>CARTON QTY.</th>
<th>CARTON DIMENSIONS INCHES (MILLIMETERS)</th>
</tr>
</thead>
<tbody>
<tr>
<td>161154</td>
<td>PENTAIR GRO-2550</td>
<td>4 Stage GRO Reverse Osmosis System</td>
<td>1</td>
<td>18.7” L X 16” W X 18.2” H (475 mm X 406 mm X 462 mm)</td>
</tr>
<tr>
<td>4004424</td>
<td>GRO-50EN</td>
<td>Stage 3, 50 GPD encapsulated GRO reverse osmosis membrane w/ DLFC</td>
<td>16</td>
<td>11.5” L X 12” W X 17” H (292 mm X 305 mm X 431 mm)</td>
</tr>
<tr>
<td>155014-43</td>
<td>P5 Spun Polypropylene Stage 1 Sediment Pre-Filter, 5 Micron</td>
<td>24</td>
<td>16” L X 10.75” W X 10.5” H (406 mm X 273 mm X 268 mm)</td>
<td></td>
</tr>
<tr>
<td>155634-43</td>
<td>EPM-10</td>
<td>Stage 2 Carbon Block Pre-Filter</td>
<td>12</td>
<td>13” L X 10.5” W X 11” H (330 mm X 268 mm X 279 mm)</td>
</tr>
<tr>
<td>255521-41</td>
<td>GS-10RO-B</td>
<td>Stage 4 GAC Post Filter</td>
<td>12</td>
<td>10” L X 9” W X 7” H (254 mm X 229 mm X 178 mm)</td>
</tr>
</tbody>
</table>

PERFORMANCE

GRO-2550 SYSTEM INSTALLED WITH P5, EPM-10, GRO-50EN, GS-10RO FILTER CARTRIDGES

This system has been tested according to NSF/ANSI 58 for the reduction of substances listed below. The concentration of the indicated substances in water entering the system was reduced to a concentration less than or equal to the permissible limit for water leaving the system as specified in NSF/ANSI 58.

Model GRO-2550

<table>
<thead>
<tr>
<th>Substance</th>
<th>Influent Challenge Concentration</th>
<th>Max. Permissible Product Water Concentration</th>
<th>Reduction Requirements</th>
<th>Average Reduction</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard 58</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total Dissolved Solids</td>
<td>750 ± 40 mg/L</td>
<td>187 mg/L</td>
<td>96.8%</td>
<td></td>
</tr>
<tr>
<td>Cysts*</td>
<td>Minimum 50,000/mL</td>
<td>99.955%</td>
<td>&gt;99.99%</td>
<td></td>
</tr>
</tbody>
</table>

* NSF/ANSI Standard 58 certified to reduce cysts such as Cryptosporidium and Giardia by mechanical means.

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