GRO-2550
REVERSE OSMOSIS DRINKING WATER SYSTEM

HIGH RECOVERY GRO BASED SYSTEM



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

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

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 sysem was reduced to a concentration less than or equal to the permissible limit for water leaving the system as specified in NSF/ANSI 58.

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Recovery Rating: 31.76%
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Model GRO-2550

Substance	Influent Challenge Concentration	Max. Permissible Product Water Concentration	Reduction Requirements	Average Reduction
Standard 58				
Total Dissolved Solids	750 ± 40 mg/L	187 mg/L		96.8%
Cysts*	Minimum 50,000/mL		99.955%	>99.99%

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

NSF C US

System Tested and Certified by NSF International against NSF/ANSI Standard 58, and CSA B483.1 for the reduction of the claims specified on the Performance Data Sheet.

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