

GRO-2550

4-STAGE REVERSE OSMOSIS WATER FILTRATION SYSTEM



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
- ◆ 3/8" tubing to the faucet for high flow

INSTALLATION TIPS

- ◆ Install vertically with housing hanging down
- ◆ Choose a mounting location suitable to support the full weight of the system when operating

OPERATION TIPS

- ◆ Replace pre/post filters every 12 months and RO membrane 18 months, pending water conditions
- ◆ When ready to change out filters and membrane make sure to turn off or bypass the water from the system

APPLICATIONS

- ◆ Point-of-Use drinking water
- ◆ Undersink application
- ◆ Refrigerator icemaker

GRO-2550 4-STAGE REVERSE OSMOSIS WATER FILTRATION SYSTEM

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)
255521-43	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.

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	-	96.5%
Cysts*	Minimum 50,000/mL	-	99.95%	>99.99%

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

EPA EST. NO. 082989-CHN-001



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

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)
- ◆ Dimensions

15" W x 5 1/2" D x 17 1/4" H
(38.1 cm W x 12.7 cm D x 43.8 cm H)
- ◆ Recovery Rating

31.76%
- ◆ Efficiency Rating

15.39%
- ◆ TDS Rejection

96.8%
- ◆ Weight

18 lbs. (8.16 kg)



Pentair Residential Filtration

13845 Bishops Dr. | Suite 200 | Brookfield, WI 53005 | United States
P: 262.238.4400 | Customer Service: 800.279.9404 | tech-support@pentair.com | pentair.com

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