



FRESHPOINT

GRO-350B 3 STAGE REVERSE OSMOSIS SYSTEM



FEATURES/BENEFITS

High efficiency GRO 50 GPD membrane technology

Effortless click-in lock cartridge installation

3/8" push fit plumbing connection for easy installation and high flow

Water supply valve shut off fits multiple piping styles

Color coded cartridges to maintain proper filter sequence

3/8" tubing to storage tank and faucet

Built-in check valve with multi-point backflow protection

Utilizes the dual technology of the DFX Diamond Flow series combining a sediment and carbon block in one cartridge

Faucet with air gap included

SPECIFICATIONS

Temperature Range:	40-100°F (4.4-37.8°C)
Pressure Range:	40-100 psi (2.75-6.89 bar)
System Production Rate:	14.96 gpd (56.63 Lpd)
Recovery Rating:	38.65%
Efficiency Rating:	22.05%
TDS Rejection:	96.9%
Dimensions:	11.32"W x 5.46"D x 12.54"H (288mm x 139mm x 319mm)
Weight:	Model: GRO-350B (system only) 7.1 lbs (3.2 kg)

SHIPPING SPECIFICATIONS

PART NUMBER	MODEL	DESCRIPTION	CARTON QTY.	CARTON DIMENSIONS INCHES (MILLIMETERS)
161110	GRO-350B	3 Stage Reverse Osmosis System	1	17.2"L X 14.5"W X 16.5"H (437mm X 369mm X 419mm)
655123-96	FDF1-RC	Cartridge, CTO Diamond Flow	12	16.4"L X 12.4"W X 13"H (417mm X 315mm X 330mm)
655121-96	GRO50-RC	50 GPD GRO Membrane Cartridge	12	16.4"L X 12.4"W X 13"H (417mm X 315mm X 330mm)
655117-96	F1GC-RC	Post Filter Cartridge	12	16.4"L X 12.4"W X 13"H (417mm X 315mm X 330mm)

PART NUMBER	MODEL	DESCRIPTION	PALLET QTY.	PALLET DIMENSIONS
161110	GRO-350B	3 Stage Reverse Osmosis System	12 Systems	43.6"L X 34.4"W X 38"H (1107mm X 874mm X 3965mm)
655123-96	FDF1-RC	Cartridge, CTO Diamond Flow	288 Cartridges	45"L X 37"W X 45"H (1143mm X 838mm X 1143mm)
655121-96	GRO50-RC	50 GPD GRO Membrane Cartridge	288 Cartridges	45"L X 37"W X 45"H (1143mm X 838mm X 1143mm)
655117-96	F1GC-RC	Post Filter Cartridge	288 Cartridges	45"L X 37"W X 45"H (1143mm X 838mm X 1143mm)

PERFORMANCE

GRO-350B SYSTEM INSTALLED WITH FDF1-RC, GRO50-RC, F1GC-RC 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-350B

Substance	Influent Challenge Concentration	Max. Permissible Product Water Concentration	Reduction Requirements	Average Reduction
Standard 42				
Chlorine Taste and Order	2.0 mg/L ± 10%		≥50%	95.9%
Standard 58				
Total Dissolved Solids	750 ± 40 mg/L	187 mg/L		96.9%
Pentavalent Arsenic	0.050 mg/L ± 10%	0.010 mg/L		88.0%
Fluoride	8.0 mg/L ± 10%	1.5 mg/L		93.6%
Cysts*	Minimum 50,000/ mL		99.95%	>99.99%
Turbidity	11 mg/L ± 1 NTU	0.5 NTU		>99.1%
Lead	0.15 mg/L ± 10%	0.010 mg/L		98.6%
Selenium	0.10 mg/L ± 10%	0.05 mg/L		97.9%
Copper	3.0 mg/L ± 10%	1.3 mg/L		98.5%
Cadmium	0.03 mg/L ± 10%	0.005 mg/L		99.1%
Hexavalent Chromium	0.3 mg/L ± 10%	0.1 mg/L		96.4%
Trivalent Chromium	0.3 mg/L ± 10%	0.1 mg/L		98.2%
Radium 226/228	25 pCi/L ± 10%	5 pCi/L		80.0%
Barium	10.0 mg/L ± 10%	2.0 mg/L		96.3%

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

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System Tested and Certified by NSF International against NSF/ANSI Standard 42, 58, and CSA B483.1 for the reduction of the claims specified on the Performance Data Sheet.



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