



## FRESHPOINT

### GRO-350BP 3 STAGE REVERSE OSMOSIS SYSTEM, WITH PUMP



GRO-350BP System

#### FEATURES/BENEFITS

- High efficiency GRO membrane technology
- Effortless click-in lock cartridge installation
- 3/8" push fit plumbing connection for easy installation and high flow
- Water supply valve shutoff fits multiple piping styles
- Color coded cartridges to maintain proper filter sequence
- Industry leading performance
- 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
- Integrated booster pump for low pressure applications

#### SPECIFICATIONS

- Operating Voltage: 110 Volt
- Temperature Range: 40-100°F (4.4-37.8°C)
- Pressure Range: 40-100 psi (2.75-6.89 bar)
- Recommended feed pressure range: 10-60 psi

#### PERFORMANCE

- System Production Rate: 99.08 gpd (375.1 Lpd)
- Recovery Rating: 57.50%
- Efficiency Rating: 54.90%
- TDS Rejection: 97.8%
- Dimensions: 14.57"W x 5.46"D x 12.54"H (370mm x 139mm x 319mm)
- Weight: Model: GRO-350BP (system only) 10.6 lbs (4.8 kg)

## SHIPPING SPECIFICATIONS

PART NUMBER	MODEL	DESCRIPTION	CARTON QTY.	CARTON DIMENSIONS INCHES (MILLIMETERS)
161113	GRO-350BP	3 Stage Reverse Osmosis System, with pump	1	16.4"L X 16"W X 19.3"H (417mm X 406mm X 489mm)
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
161113	GRO-350BP	3 Stage Reverse Osmosis System, with pump	8 Systems	32.4"L X 32.4"W X 43.5"H (823mm X 823mm X 1105mm)
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-350BP 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-350BP

Substance	Influent Challenge Concentration	Max. Permissible Product Water Concentration	Reduction Requirements	Average Reduction
<b>Standard 42</b>				
Chlorine Taste and Order	2.0 mg/L ± 10%		≥50%	95.9%
<b>Standard 58</b>				
Total Dissolved Solids	750 ± 40 mg/L	187 mg/L		97.8%
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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