



FRESHPOINT

GRO-575B, GRO-575M 5 STAGE REVERSE OSMOSIS SYSTEMS



GRO-575B System



GRO-575M Monitored System

FEATURES/BENEFITS

High efficiency GRO 75 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

Lead, chemical and VOC reduction cartridge

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

On board TDS monitor measures rejection of GRO element within GRO-575M model

Includes high performance VOC carbon block filters

SPECIFICATIONS

| | |
|-------------------------|--|
| Temperature Range: | 40-100°F (4.4-37.8°C) |
| Pressure Range: | 40-100 psi (2.75-6.89 bar) |
| System Production Rate: | 21.08 gpd (79.77 Lpd) |
| Recovery Rating: | 41.05% |
| Efficiency Rating: | 23.57% |
| TDS Rejection: | 96.3% |
| Dimensions: | 17.82"W x 5.46"D x 12.54"H (453mm x 139mm x 319mm) |
| Weight: | Model: GRO-575B, GRO-575M (system only) 10.7 lbs (4.8 kg) |

SHIPPING SPECIFICATIONS

| PART NUMBER | MODEL | DESCRIPTION | CARTON QTY. | CARTON DIMENSIONS INCHES (MILLIMETERS) |
|----------------|-------------------|---------------------------------|----------------|---|
| 161112, 161152 | GRO-575B/GRO-575M | 5 Stage Reverse Osmosis Systems | 1 | 19.5"L X 16"W X 19.3"H (495mm 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) |
| 655122-96 | GRO75-RC | 75 GPD GRO Membrane Cartridge | 12 | 16.4"L X 12.4"W X 13"H (417mm X 315mm X 330mm) |
| 655126-96 | F2B2-RC2 | Cartridge Set, VOC | 6 | 13.8"L X 10"W X 13.5"H (350mm X 254mm X 343mm) |
| 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 |
| 161112, 161152 | GRO-575B/GRO-575M | 5 Stage Reverse Osmosis Systems | 8 Systems | 39"L X 32"W X 43.5"H (990mm X 813mm 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) |
| 655122-96 | GRO75-RC | 75 GPD GRO Membrane Cartridge | 288 Cartridges | 45"L X 37"W X 45"H (1143mm X 838mm X 1143mm) |
| 655126-96 | F2B2-RC2 | Cartridge Set, VOC | 198 Cartridges | 41"L X 38"W X 46"H (1041mm X 965mm X 1168mm) |
| 655117-96 | F1GC-RC | Post Filter Cartridge | 288 Cartridges | 45"L X 37"W X 45"H (1143mm X 838mm X 1143mm) |

PERFORMANCE

GRO-575B/GRO-575M SYSTEM INSTALLED WITH FDF1-RC, GRO75-RC, F2B2-RC2, 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.

System Production Rate: 21.08 gpd (79.77 Lpd)
Recovery Rating: 41.05%
Efficiency Rating: 23.57%

TDS Rejection: 96.3%

* NSF/ANSI Standard 53 and 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 42, 53, 58, and CSA B483.1 for the reduction of the claims specified on the Performance Data Sheet.

Model GRO-575B / GRO-575M

| 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 53 | | | | |
| Cysts* | Minimum 50,000/L | | 99.95% | 99.99% |
| Atrazine | 0.009 mg/L ± 10% | 0.003 mg/L | | 93.7% |
| Lead (pH 6.5) | 0.15 mg/L ± 10% | 0.010 mg/L | | 99.9% |
| Lead (pH 8.5) | 0.15 mg/L ± 10% | 0.010 mg/L | | 99.6% |
| Lindane | 0.002 mg/L ± 10% | 0.0002 mg/L | | 97.4% |
| Chloroform (VOC surrogate chemical) | 0.300 mg/L ± 10% | 0.015 mg/L | | 98.8% |
| Standard 58 | | | | |
| Total Dissolved Solids | 750 ± 40 mg/L | 187 mg/L | | 96.3% |
| 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% |



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