FALSKEN WATER SYSTEMS, INC.
Quality Water Treatment Equipment

PENTAIR FRESHPOINT

FAL-GRO-475B
4 STAGE REVERSE OSMOSIS SYSTEMS

GRO-475 Reverse Osmosis 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 and chemical 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

System Part Number:
FAL-GRO-475B

Replacement Pre/Post Filters:
FAL-GRO-475FP

Replacement Membrane:
FAL-GRO-475MB

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:	14.57"W x 5.46"D x 12.54"H (370mm x 139mm x 319mm)
Weight:	Model: GRO-475, 8.9 lbs (4.0 kg)

PERFORMANCE

GRO-475 SYSTEM INSTALLED WITH FDF1-RC, GRO75-RC, F1B1-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 enteringthe 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.

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 FAL-GRO-475B

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%
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%
Hexavalant 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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