



PGF

Iron, Manganese, Hydrogen Sulphide Removal Systems



Enjoy:

- ◆ Water That Feels, Tastes And Smells Better.
- ◆ No More Sulphide "Rotten Egg" Odour
- ◆ No More Red Iron Stains.
- ◆ Reduced Maintenance On Household Appliances and Fixtures.
- ◆ Savings On Time And Money

Features:

- ◆ Fully Automatic Operation
- ◆ High Reliability
- ◆ Safe Low Voltage Operation
- ◆ High Efficiency
- ◆ Large Ported Valve Maximizes Water Delivery
- ◆ No Batteries



with



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BATHING:

Calcium and magnesium carbonate in water combine with soap and shampoo to form a soap film on the skin and scalp. This film can retain dirt and bacteria and can cause drying of the skin. Softening your water removes this film from your body and reduces the deposition on water fixtures.

STAINING:

Water bearing iron can cause red to brown staining on water fixtures and have a metallic taste. Removal of this iron reduces the unsightly mess and extends the life of these expensive items. It also improves the taste of water for cooking and as a beverage.



LAUNDRY:

Cleaning agents in detergents, grease and oils in dirty laundry water combine to form soap curds in hard water. Conditioned water prevents these formations, leaving clothes brighter and softer and lasting longer. You will also save money through the use of mild soap in your laundry instead of costly harsh detergents.

PLUMBING:

Hard water can cause unseen problems with scale formation in plumbing fixtures, pipes and water heaters. Heavy scale can reduce water flow and significantly reduce the efficiency of your water heater. Conditioned water reduces this buildup and greatly increases efficiency while reducing maintenance costs.



DISH WASHING:

Hard water combines with soaps and detergents in dishwashers and leaves deposits as spots on your dishes, glassware and utensils. Conditioned water reduces spotting and allows savings in lower detergent usage.



- Simple user interface puts you informed and in control over all functions.
- Immediately begins to monitor water usage and automatically adjusts to your changing water needs.
- Oversize porting allows copious water delivery to meet the growing demand of the modern lifestyle.

- Superior reliability achieved by only three moving parts.
- Backed by over 50 years of valve engineering and manufacturing experience
- Let us show you how simple and reliable conditioned water can be.

Unit Specifications

Model	Nominal Capacity Gallons US Fe mg/l	Conditioner	Brine Tank
		Depth X Width X Height Inch (cm)	Diameter X Height Inch (cm)
PGF24844	7.9K	8 X 8 X 54 (20 X 20 X 131)	11 X 11 (27 X 27)
PGF24948	11.2K	9 X 9 X 58 (23 X 23 X 140)	11 X 11 (27 X 27)
PGF241047	12.5K	10 X 10 X 57 (25 X 25 X 138)	11 X 11 (27 X 27)
PGF241252	19.6K	12 X 12 X 62 (30 X 30 X 152)	11 X 11 (27 X 27)
PGF-844	7.9K	8 X 8 X 54 (20 X 20 X 131)	11 X 11 (27 X 27)
PGF-948	11.2K	9 X 9 X 58 (23 X 23 X 140)	11 X 11 (27 X 27)
PGF-1047	12.5K	10 X 10 X 57 (25 X 25 X 138)	11 X 11 (27 X 27)
PGF-1252	19.6K	12 X 12 X 62 (30 X 30 X 152)	11 X 11 (27 X 27)

Capacity is in gallons based on 1 mg/l Fe (Iron). Actual capacity can be calculated by dividing the Nominal Capacity by the sum of the Iron + Manganese X 2 + Hydrogen Sulphide X 4
 Limitations: Iron and Manganese concentrations should not exceed 15 mg/l. Hydrogen Sulphide should not exceed 5 mg/l

General Unit Requirements

	Minimum		Maximum	
	Metric	Imperial	Metric	Imperial
Operating Temperature	50° C	120° F.	2° C	35° F.
Operating Pressure	8.28 bar	120 psi	1.37 bar	25 psi
Supply Voltage	120 VAC			
Operating Voltage	24 VAC			
Power Requirement	6 Watts Continuous 10 Watts Intermittent			

Electro-Mechanical Control



Manufacturer:



WATER QUALITY
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Dealer:

