

Single Solution Systems For Multiple Water Problems

Many ground water supplies often have multiple problems that are not only an issue from an aesthetic standpoint but in terms of cost when pipes become clogged, fixtures stained and laundry discolored. Combination units use mixed beds of a variety of different medias to provide one solution for your water woes.



HIM Series - Hardness, Iron and Manganese

Rid your water of hardness minerals (calcium and magnesium) and enjoy soft skin, silky hair, spot free dishes and brighter laundry protecting your plumbing and water using appliances from scale build-up. Removing iron and manganese will keep fixtures from getting stained as well as removing the taste and smell.

HIM - HARDNESS, IRON, MANGANESE (SINGLE TANK SYSTEM)

Part #	Model	Brine Tanks Type, Size, Color	Resin Tank Size & Colour	Weight (LBS)
89 Series 1" DownFlow				
18102106	PW89DF-100HIM	BTS-100 Vanilla	10x54 Natural	120
18102121	PW89DF-150HIM	BTR-145 Vanilla	12x52 Natural	151
18102128	PW89DF-200HIM	BTR-145 Vanilla	13x54 Natural	168
18102131	PW89DF-250HIM	BTR-145 Vanilla	14x65 Natural	208
18102133	PW89DF-300HIM*	BTR-200 Grey	14x65 Natural	254

765 Series

18102208	PW765-100HIM	BTS-100 Vanilla	10x54 Natural	120
18102223	PW765-150HIM	BTR-145 Vanilla	12x52 Natural	151
18102230	PW765-200HIM	BTR-145 Vanilla	13x54 Natural	168
18102233	PW765-250HIM	BTR-145 Vanilla	14x65 Natural	208
18102235	PW765-300HIM*	BTR-200 Grey	14x65 Natural	254

*Media not loaded in mineral tank.

Soft,
Luxurious
Water



Features:

- Exclusive NSF Certified electronic control valve (systems available with Petwa PW89, and PW765 control valves)
- User friendly LCD display with 48 hour memory back-up
- Fully adjustable cycles allow for the most efficient settings based on the specific water quality requirements
- NSF Certified fiberglass pressure tank
- High density polyethylene salt tank
- Brine safety valve for added overflow protection
- Plastic salt grid prevents salt bridging
- Unique precision turbine meter is incorporated in system bypass valve – saving space over 4” of floor space
- Time saving quick connect fittings on brine line, drain line (with 0-ring seal) and power cord for fast and easy installations



Petwa's new PW89 Series High Flow valve

- True 1” porting for high flow rates up to 18” systems. Ideal for larger homes.
- Large Backlit LCD display screen with 4 line /80 character touch pad screen.
- Seven Year Warranty



Petwa's new PW765 Series High Flow valve

- Simple electronics with index knob to manually initiate regeneration and select cycle position
- Five Year Warranty

Specifications	HIM-100	HIM-150	HIM-200	HIM-250	HIM-300
Factory Settings - Iron & Manganese					
Salt Used - Per Regeneration	12.0 lbs	18.0 lbs	24.0 lbs	30.0 lbs	36.0 lbs
Water Used - Regeneration	124 gal ± 10%	215 gal ± 10%	274 gal ± 10%	276 gal ± 10%	278 gal ± 10%
Hardness Removal - Grains	30,000	45,000	60,000	75,000	90,000
Filter Media Volume (ft3)	1.0 ft ³	1.5 ft ³	2.0 ft ³	2.5 ft ³	3.0 ft ³
Garnet	Yes	Yes	Yes	Yes	Yes
Tank Size	10x54	12x52	13x54	14x65	14x65
Media Loaded	Yes	Yes	No	No	No
Brine Tank Size (Inches)	BTR 18.1 x 34.5 BTS 15.0x34.7	20.3 x 37.4	20.3 x 37.4	20.3 x 37.4	23.0 x 40.5
Salt Storage Capacity	BTS 240 lbs BTR 270 lbs	350 lbs	350 lbs	350 lbs	420 lbs
Flow Rate @ 15 psi Pressure Drop	11.0 gpm	11.2 gpm	12.2 gpm	12.4 gpm	12.6 gpm
Flow Rate @ 25 psi Pressure Drop	15.0 gpm	15.1 gpm	16.2 gpm	16.4 gpm	16.6 gpm
Back Wash Flow Rate	2.4 gpm	4.0 gpm	5.0 gpm	5.0 gpm	5.0 gpm
Shipping Weight	120 lbs	164 lbs	214 lbs	250 lbs	300 lbs
Regeneration Type	Co-Current / Down Flow				
Maximum Hardness	75 Grains Per Gallon				
Maximum Total Iron**	pH <7.2 - 10.0 ppm Total Iron; pH >7.2 - 7.0 ppm Total Iron				
Maximum Manganese (See Total Iron)**	5.0 ppm				
Resin Type	Fine Mesh				
Plumbing Connections	89 model comes with 1” straight and 1” 90 degree elbow connectors 65 models come with 3/4” 90 degree elbows and 1” straight connectors				
Electrical Requirements	Input 120V 60 Hz - Output 12V 650mA				
Water Temperature	Min 39 - Max. 100° F				
Water Pressure	Min. 20 - Max. 125 psi				



Includes Easy Feeder Starter kit and 64 oz bottle of Pro Res-Care



A Division of



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