



WATERTRUST PRO SERIES™ WHOLE HOUSE IRON REDUCTION SYSTEM

POINT
OF
ENTRY



COUNT ON THE PENTAIR WATERTRUST PRO SERIES

Treat water confidently with the reliable and industry proven Pentair WaterTrust Pro Series. Simple installation, service, and a wide range of applications makes the WaterTrust Pro Series your go-to choice for water softening and filtration.

FEATURES • BENEFITS

- ◆ Air Injection Oxidizing (AIO) systems help reduce iron, manganese, and hydrogen sulfide from well water, providing better water to the whole home.**
- ◆ Newly redesigned and industry-proven technology delivers high performance and simple operation.
- ◆ With quick start-up settings and automatic calculations, simply set up and go.
- ◆ Trade professional ready – installation is straightforward and efficient with easily accessible parts.

INSTALLATION • MAINTENANCE

Installation Considerations

- ◆ When installing the system where the environment is extremely hot or cold, precautions must be taken to protect the system from the elements.
Weather covers are available to help shield the electronics. See the spare parts list for more information.
- ◆ Install on cold water lines only.
- ◆ When a filter and a softener are installed together, it is preferred to run a separate drain line from each unit to the point of termination.

Maintenance

- ◆ Periodically clean the backwash flow control.
- ◆ Verify the minimum and maximum water pressure. Install a pressure reducer if necessary.
- ◆ Replace the iron media every 3 to 5 years, depending on conditions.
- ◆ Replace spring flappers (1235339) every year. 2 pieces are required for each system.
- ◆ Replace valve flappers (1041174) every 2 years.

More detailed installation and service instructions can be found in the user manual.

APPLICATIONS

Household Size*

- ◆ 35982 : 1-4 occupants
- ◆ 35983: 4-6 occupants

Water Source

- ◆ Well

REDUCES



Iron

**Based on typical home water usage and flow rates but will vary by consumer*

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Product Number	35982	35983
Performance / Ideal Operating Conditions	pH range: 6.8 - 9	pH range: 6.8 - 9
Efficiency**	Iron removal: Up to 5.0 ppm	Iron removal: Up to 5.0 ppm
Max Flow Rate (gal/min)	5	5
Backwash/Drain Flow Rate (gpm)	5	5
Working Pressure (psi)	20 - 80	20 - 80
Operating Water Temperature	34 - 100°F	34 - 100°F
Electrical Rating	Input: 120V AC Output: 12V AC	Input: 120V AC Output: 12V AC
Media Amount (cu. ft.)	1	1.5
Tank Size (dia x h) (includes valve head)	10.25" x 51.6"	10.25" x 61.6"

Products tested and certified for the reduction of claims specified on their performance data sheet.

Service Parts

Part Number	Part
1041174	Flappers Service Kit

Spare Parts

Part Number	Part
1235339	Valve Disc Spring, One Piece
3019221	Motor/Optical Cable Assembly
1040930	Valve Bypass
1235446	Turbine Cable
1033444	Internal Turbine Meter
1242168	762 Controller (Softener / Tannin)
1242162	742 Controller (Carbon / PH filters)
1267811	Weather Cover

****pH:** The influent water must be between 6.8 and 9.0.

Iron: Maximum influent iron concentration is 5.0ppm.

Iron Bacteria: If iron bacteria are present, frequent service may occur and the life of the system may be limited. By properly controlling the iron bacteria with chlorine or other approved methods for bacterial reduction, the system will function properly.

Manganese: Maximum influent manganese concentration is 2.0 ppm; amounts over 2.0 ppm may gradually prevent iron removal.

For optimum manganese reduction, the pH should be between 8.0 and 9.0. If both iron and manganese are present, the pH should be between 8.0 - 8.5.

Organic Matter (Tannins): The presence of organics above 2.0 ppm may hinder the operation of the system.

Chlorine: The presence of chlorine in the raw water supply should be limited to a maximum of 1.0 ppm.



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