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› [Sta-Rite Industries Submersible Pump 1/2Hp 10 Gpm FP2212 User Manual](#)

Sta-Rite FP2212

Sta-Rite Industries Submersible Pump FP2212 User Manual

Model: FP2212

Brand: Sta-Rite

INTRODUCTION

This manual provides comprehensive instructions for the safe and efficient installation, operation, and maintenance of the Sta-Rite Industries Submersible Pump, Model FP2212. Please read this manual thoroughly before attempting to install or operate the pump.

The FP2212 is a 1/2Hp, 10 GPM submersible pump designed for 4-inch inside diameter or larger wells, providing optimal water and pressure for general home and farm use. It is capable of pumping from depths of up to 150 feet and features a floating stack design for enhanced sand resistance.

SAFETY INFORMATION

WARNING: This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Always disconnect power before servicing the pump. Ensure all electrical connections comply with local codes and regulations. Do not operate the pump dry. Refer to local plumbing codes for proper installation.

PRODUCT FEATURES

- Designed for 4-inch inside diameter or larger wells.
- Economical and energy-efficient operation.
- Provides optimum water and pressure for general home and farm use.
- Capable of pumping from depths of up to 150 feet.
- Features a floating stack design for sand resistance and reduced sand locking.
- Power Source: AC/DC.
- Material: Plastic.



Image: The Sta-Rite Industries Submersible Pump, Model FP2212. This image displays the cylindrical body of the submersible pump, typically made of a durable material like plastic, with black components at the top and bottom, indicating connection points or motor housing. The pump is designed to be submerged in water.

SETUP AND INSTALLATION

1. **Pre-Installation Check:** Verify that the well casing is at least 4 inches in diameter and free of obstructions.

Ensure the power supply matches the pump's voltage requirements.

2. **Pipe Connection:** Connect the discharge pipe to the pump outlet. Use appropriate thread sealant to ensure a watertight connection. Ensure the pipe is adequately supported.
3. **Electrical Connection:** Connect the pump's electrical wires to the control box or power supply according to the wiring diagram provided with the pump (not included in this general manual). All electrical work must be performed by a qualified electrician and comply with local electrical codes.
4. **Lowering the Pump:** Carefully lower the pump into the well using a safety rope or cable attached to the pump's lifting eye. Ensure the pump is suspended freely and does not rest on the bottom of the well.
5. **Final Checks:** Before powering on, double-check all connections for security and proper sealing. Ensure the pump is fully submerged in water.

OPERATING INSTRUCTIONS

Once installed, the Sta-Rite FP2212 pump operates automatically based on the water level and pressure demands of your system (if connected to a pressure switch and tank).

- **Initial Start-up:** After installation, turn on the power supply to the pump. The pump should begin to draw water and build pressure. Allow the system to run for a few minutes to purge any air.
- **Monitoring:** Periodically check the system pressure and water flow to ensure optimal performance. Unusual noises or reduced flow may indicate an issue.
- **Shut-down:** To turn off the pump, disconnect the main power supply. For extended periods of non-use, it is recommended to drain the system to prevent freezing.

MAINTENANCE

The Sta-Rite FP2212 submersible pump is designed for minimal maintenance. However, regular checks can extend its lifespan.

- **Annual Inspection:** Annually inspect the electrical connections for corrosion or damage. Check the pressure tank (if applicable) for proper air charge.
- **Water Quality:** If your well water contains high levels of sand or sediment, consider installing a sediment filter to protect the pump and plumbing system.
- **Winterization:** In areas subject to freezing temperatures, ensure all exposed pipes and the pressure tank are properly insulated or drained to prevent freeze damage.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Pump does not run	No power; tripped breaker; faulty motor	Check power supply and breaker; consult a qualified technician.
Low water pressure/flow	Clogged intake; low well water level; pressure switch issue	Inspect intake; check well level; adjust/replace pressure switch.
Pump cycles frequently	Leaking plumbing; waterlogged pressure tank	Check for leaks; recharge or replace pressure tank.

SPECIFICATIONS

- **Model:** FP2212
- **Horsepower:** 1/2 Hp
- **Maximum Flow Rate:** 10 Gallons Per Minute
- **Maximum Pumping Depth:** 150 ft
- **Power Source:** AC/DC
- **Material:** Plastic
- **Item Weight:** 26.38 Pounds
- **Manufacturer:** PENTAIR WATER-FAIRBANKS SIMER
- **UPC:** 022315100800

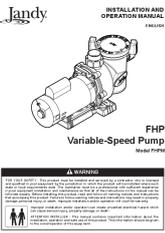
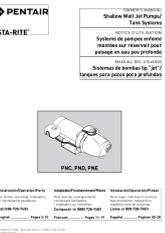
WARRANTY AND SUPPORT

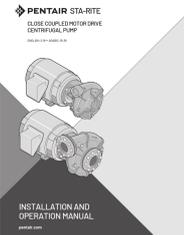
The Sta-Rite Industries Submersible Pump FP2212 comes with a manufacturer's warranty. Please refer to the warranty card included with your purchase for specific terms and conditions. For technical support or service inquiries, please contact Sta-Rite customer service or visit their official website.

Manufacturer: PENTAIR WATER-FAIRBANKS SIMER

Website: www.pentair.com

Related Documents - FP2212

 <p>Jandy INSTALLATION AND OPERATION MANUAL FHP Variable-Speed Pump</p>	<p>Jandy FHP Variable-Speed Pump Installation and Operation Manual</p> <p>Installation and operation manual for the Jandy FHP Variable-Speed Pump (Model FHPM). Provides detailed instructions on safety, installation, operation, maintenance, and troubleshooting for pool pump systems.</p>
 <p>PENTAIR STA-RITE Shallow Well Jet Pumps/ Tank Systems PNC, PND, PNE</p>	<p>STA-RITE Shallow Well Jet Pumps and Tank Systems Owner's Manual</p> <p>This owner's manual provides installation, operation, and maintenance instructions for STA-RITE PNC, PND, and PNE series shallow well jet pumps and tank systems. Includes safety guidelines, troubleshooting, and parts information.</p>
 <p>PENTAIR SUPERFLO® VST SUPERFLO® VS STA-RITE® SUPERMAX® VS VARIABLE SPEED PUMPS INSTALLATION AND USER'S GUIDE</p>	<p>Pentair SuperFlo VST, VS, SuperMax VS Variable Speed Pumps Installation and User Guide</p> <p>Comprehensive installation and user guide for Pentair SuperFlo VST, SuperFlo VS, and Sta-Rite SuperMax VS variable speed pool pumps. Includes safety, electrical, operation, maintenance, and troubleshooting information.</p>

	<p>Pentair Sta-Rite Max-E-Pro High-Efficiency Pool and Spa Pump: Installation and User's Guide</p> <p>Comprehensive guide for the Pentair Sta-Rite Max-E-Pro High-Efficiency Pool and Spa Pump (Series P6RA, P6EA, P6E). Covers installation, operation, safety, maintenance, and troubleshooting for optimal pool and spa performance.</p>
	<p>Sta-Rite Close Coupled Motor Drive Centrifugal Pump Installation and Operation Manual</p> <p>This manual provides comprehensive installation, operation, and maintenance instructions for the Sta-Rite SX218 close coupled motor drive centrifugal pump. It covers essential safety precautions, detailed specifications, installation procedures, operational guidelines, maintenance schedules, and troubleshooting tips.</p>
	<p>STA-RITE MAX-E-PRO Pool and Spa Pump Installation and User's Guide</p> <p>This comprehensive guide provides essential installation, operation, and maintenance instructions for the STA-RITE MAX-E-PRO Pool and Spa Pump. It covers safety precautions, electrical installation, troubleshooting, and parts lists to ensure optimal performance and longevity of your pool pump.</p>