

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

› [Sta-Rite](#) /

› [STA-Rite SNF-L 1-1/2 HP Shallow Well Pump User Manual](#)

Sta-Rite SNF-L

STA-Rite SNF-L 1-1/2 HP Shallow Well Pump User Manual

Model: SNF-L

INTRODUCTION

The STA-Rite SNF-L 1-1/2 HP Shallow Well Pump is engineered for reliable water transfer from shallow wells. This manual provides essential information for the safe installation, efficient operation, and proper maintenance of your pump. Adherence to these instructions will ensure optimal performance and longevity of the product.

Key features include a close-grained cast iron body for durability, a precision-molded diffuser for faster priming and improved air handling, and motor windings with superior insulation for prolonged motor life. Heavy-duty, shielded, and permanently lubricated ball bearings contribute to extended life and quiet operation. A pressure regulator is included for system control.

SETUP AND INSTALLATION

Proper installation is crucial for the safe and effective operation of the pump. Always consult local electrical and plumbing codes before beginning installation.

- **Location:** Install the pump in an above-ground location that is dry, well-ventilated, and protected from freezing temperatures.
- **Mounting:** Secure the pump to a stable, level surface. When attaching the pump base, using hex-head bolts is recommended for easier tightening and future maintenance access, as carriage bolts can sometimes rotate during installation.
- **Plumbing Connections:** Ensure all plumbing connections are tight to prevent air leaks, which can affect pump priming and performance. Be careful when threading pipes into the inlet port to avoid cross-threading, especially with PVC fittings.
- **Electrical Connection:** Connect the pump to a dedicated electrical circuit with appropriate voltage (Electric) and overcurrent protection as specified by local codes and the pump's rating. If the pump is rated for AC/DC, ensure the correct power source is used.
- **Priming:** Before initial operation, the pump must be properly primed. Refer to the specific priming instructions provided with your pump model. The SNF-L model is designed to self-prime after the first start.



This image displays the STA-Rite SNF-L 1-1/2 HP Shallow Well Pump, featuring its robust blue cast iron body and motor housing. The pump includes an inlet and outlet port, and a pressure regulator.

OPERATING INSTRUCTIONS

Once properly installed and primed, the STA-Rite SNF-L pump is ready for operation.

- **Initial Start-up:** After ensuring all connections are secure and the pump is primed, turn on the electrical power to the pump. The pump is designed to self-prime after the first start.
- **Shallow Well Application:** This pump is suitable for shallow wells with a suction depth of approximately 15-20 feet.
- **Continuous Operation:** The pump is designed for continuous duty within its specified operating parameters. Avoid running the pump dry, as this can cause damage.
- **Pressure Regulator:** The included pressure regulator helps maintain consistent system pressure. Adjust as needed according to your system requirements.

MAINTENANCE

Regular maintenance ensures the longevity and efficient performance of your STA-Rite SNF-L pump.

- **Winterizing:** Utilize the integrated drain port for easy winterizing. This is essential to prevent freeze damage in cold climates. Ensure the pump is completely drained if it will be exposed to freezing temperatures.
- **Inspection:** Periodically inspect the pump for any signs of wear, leaks, or damage. Check electrical connections for corrosion or looseness.
- **Motor Protection:** The motor windings are protected by superior insulation. Keep the pump area dry and free from excessive moisture and contaminants to prolong motor life.
- **Bearings:** The heavy-duty ball bearings are shielded and permanently lubricated, requiring no routine maintenance.
- **Cleaning:** Keep the exterior of the pump clean and free of debris to ensure proper ventilation and cooling.

TROUBLESHOOTING

This section provides general guidance for common issues. For complex problems, consult a qualified technician.

- **Pump Not Priming:** Check for air leaks in the suction line, ensure the pump casing is filled with

water, and verify the foot valve (if applicable) is functioning correctly.

- **Reduced Water Flow/Pressure:** Inspect for clogged impellers, partially closed valves, or restrictions in the discharge line. Verify the well's water level is adequate.
- **Pump Runs Continuously:** This could indicate a leak in the plumbing system, a faulty pressure switch, or a problem with the check valve.
- **Unusual Noise:** Investigate for cavitation (due to insufficient water supply), foreign objects in the pump, or worn bearings (though the SNF-L has permanently lubricated bearings, severe impact could cause issues).
- **Motor Not Starting:** Check electrical supply, circuit breaker, and motor overload protector. Ensure proper voltage is supplied.

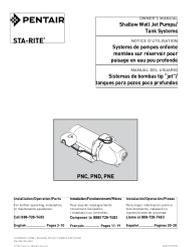
SPECIFICATIONS

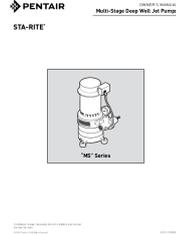
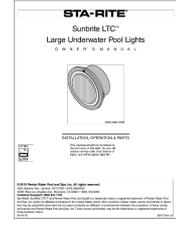
Brand	Sta-Rite
Model	SNF-L
Horsepower	1-1/2 HP
Power Source	Electric
Material	Cast Iron, Polypropylene (PP)
Item Weight	60 Pounds
Package Dimensions	25 x 15 x 13 inches
UPC	022315157132

WARRANTY AND SUPPORT

For detailed warranty information, terms, and conditions, please refer to the documentation included with your purchase or visit the official Sta-Rite website. For technical assistance, replacement parts, or service inquiries, contact Sta-Rite customer support directly.

Related Documents - SNF-L

	<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 STA-RITE</p> <p>OWNER'S MANUAL Signature 2000 High Pressure Booster Pump 1/2 to 3 HP</p>	<p>STA-RITE Signature 2000 High Pressure Booster Pump Owner's Manual</p> <p>This owner's manual provides comprehensive instructions for the STA-RITE Signature 2000 High Pressure Booster Pump, covering installation, operation, safety precautions, maintenance, and troubleshooting for models ranging from 1/2 to 3 HP.</p>
 <p>PENTAIR STA-RITE</p> <p>OWNER'S MANUAL Multi-Stage Deep Well Jet Pumps</p> <p>"MS" Series</p>	<p>Sta-Rite MS Series Multi-Stage Deep Well Jet Pumps Owner's Manual and Installation Guide</p> <p>A comprehensive owner's manual and installation guide for Sta-Rite MS Series Multi-Stage Deep Well Jet Pumps by Pentair. Covers safety instructions, installation procedures for shallow and deep wells, electrical connections, operation, maintenance, troubleshooting, and repair parts.</p>
 <p>PENTAIR STA-RITE</p> <p>CLOSE COUPLED MOTOR DRIVE CENTRIFUGAL PUMP</p> <p>INSTALLATION AND OPERATION MANUAL</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</p> <p>MAX-E-PRO® POOL AND SPA PUMP</p> <p>INSTALLATION AND USER'S GUIDE</p> <p>IMPORTANT SAFETY INSTRUCTIONS READ AND FOLLOW ALL INSTRUCTIONS SAVE THESE INSTRUCTIONS</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>
 <p>STA-RITE</p> <p>Sunbrite LTC™ Large Underwater Pool Lights</p> <p>INSTALLATION, OPERATION & MAINTENANCE MANUAL</p>	<p>STA-RITE Sunbrite LTC Large Underwater Pool Lights Owner's Manual</p> <p>This owner's manual provides detailed instructions for the installation, operation, and maintenance of the STA-RITE Sunbrite LTC Large Underwater Pool Lights. It includes essential safety information, specifications, and a parts list.</p>