

TRANSFER PUMP

INSTRUCTION AND OPERATING MANUAL

Models

FSTP50



Specifications

Power Supply Requirements	115 VAC, 60 Hz
AMP Rating	7 Amps
Temperature Rating	32°F to 95°F
Discharge	3/4 in.
Suction	3/4 in.

IMPORTANT!

READ ALL INSTRUCTIONS CONTAINED IN THIS MANUAL BEFORE USING THIS PRODUCT.

Save these instructions for future reference. Failure to read and follow the warnings and instructions within this instruction manual could result in property damage, serious injury or death.

FloodStop® Pump Tech Support: 1-833-786-7779

SAFETY FIRST!

This instruction manual contains very important information for you to know and understand. This information is provided for your safety and to help prevent equipment problems from occurring. Please observe all safety information labeled danger, warning, caution, and notice.



WARNING

WARNING INDICATES A POTENTIALLY HAZARDOUS SITUATION WHICH, IF NOT AVOIDED, COULD RESULT IN DEATH, SERIOUS INJURY OR MAJOR PROPERTY DAMAGE.



RISK OF ELECTRIC SHOCK. TO REDUCE THIS RISK, OBSERVE THE FOLLOWING WARNINGS:

WARNING! To reduce the risk of electrical shock, this system must be properly grounded in accordance with the National Electric Code (NEC) and all applicable state and local codes and ordinances. The receptacle should be protected with a Ground Fault Circuit Interrupter (GFCI).

WARNING! To reduce the risk of electrical shock, always disconnect the pump / system from the power source BEFORE handling or servicing.

WARNING! Never remove the ground prong from the plug, or use an adapter that eliminates the ground prong.

WARNING! Never plug this pump system into an electric outlet while standing on a wet surface.

WARNING! Cables should be protected at all times to avoid punctures, cuts and abrasions that may result in exposed wiring. Never handle connected power cords with wet hands.

WARNING! This pump has not been investigated for use in or around swimming pools, marine areas, recreational water installations, decorative fountains or any installation where human contact with the pumped fluid is common.

WARNING! Do not use an extension cord. Extension cords could present a safety hazard if not properly sized, become damaged or the connection falls into contact with water.



RISK OF EXPLOSION. TO REDUCE THIS RISK, OBSERVE THE FOLLOWING WARNINGS:

WARNING! Do not use to pump flammable or explosive liquids such as gasoline, fuel oil, kerosene, etc.

WARNING! Do not use in a flammable or explosive atmosphere.



CAUTION

CAUTION INDICATES A POTENTIALLY HAZARDOUS SITUATION WHICH, IF NOT AVOIDED, MAY RESULT IN MINOR INJURY OR PROPERTY DAMAGE.



TO REDUCE THE RISK OF HAZARDS THAT CAN CAUSE INJURY OR PROPERTY DAMAGE, OBSERVE THE FOLLOWING WARNINGS:

CAUTION! Do not install the pump if it has been damaged in any way.

CAUTION! Do not carry or lift the pump by the power cord. Use the pump's lifting handle.

CAUTION! Do not submerge the pump in water.

PERFORMANCE

MODEL	HP	GPH of Water @ Discharge Pressure					Max. PSI
		0 PSI	10 PSI	20 PSI	30 PSI	40 PSI	
FSTP50	1/2	1500	1100	900	650	360	50

INSTALLATION

1. Attach plastic pipe or reinforced heavy-duty hose to the INLET on the pump. Make sure the Inlet connection is airtight.

NOTE: Regular garden hose should not be used on the pump Inlet. It will collapse when the pump runs.

2. Attach a standard 3/4" garden hose to the OUTLET on the pump. Keep the total length of hose as short as possible for best performance. Secure the hose to keep it from moving around.
3. Remove priming plug from the top of the pump.
4. Fill pump housing with clean water. Reinstall plug. DO NOT RUN DRY.

NOTE: Do not pump sand or other abrasives as this will damage the shaft seal or impeller and void the warranty.

5. For normal water transfer applications, plug in power cord to grounded outlet. The pump will prime in a few minutes, depending on suction line length.
6. If the pump does not pump water after two minutes, unplug the pump and repeat steps 3 through 5. DO NOT RUN DRY.

CARBON BRUSH MAINTENANCE

The carbon brushes may require maintenance when the motor performance of the pump decreases or stops working completely.

To maintain the brushes:

1. Remove the carbon brushes from the housing. Take note of the orientation of the brushes when removing to prevent needless wear if they are reinstalled.
2. If either carbon brush is worn down by more than 1/2", replace BOTH carbon brushes.
3. To clean old carbon brushes before reusing them, rub the contact areas with a pencil eraser.
4. Reinsert the carbon brushes in the same orientation to reduce wear.
5. When installing the carbon brushes, make sure the carbon portions contact the motor armature and that the springs are facing away from the motor. Also, ensure the springs operate freely.

Note: New carbon brushes tend to spark when first used until they wear and conform to the motor armature.

TROUBLESHOOTING

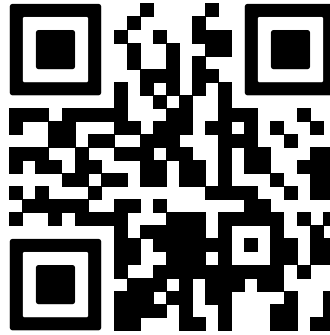
PROBLEM	POTENTIAL CAUSE	POSSIBLE SOLUTION
Pump will not begin pumping or retain prime after operating, or stops pumping water.	<ol style="list-style-type: none">1. Air leak in suction line.2. Fittings are not tight.3. Hose is kinked or looped.4. Inlet hose is out of the water5. Clogged inlet.6. Inlet lift too high.7. Impeller blocked.8. Worn seal.9. Collapsed inlet hose.	<ol style="list-style-type: none">1. Repair or replace suction line. Make sure fittings are air tight and use thread sealant tape if necessary.2. Tighten fittings air tight, using thread sealant tape if necessary.3. Inspect hose and straighten if needed.4. Submerge inlet hose end.5. Clean inlet.6. Lower pump.7. Remove blockage.8. Replace seal.9. Replace with reinforced hose
Pump will not start or run.	<ol style="list-style-type: none">1. Blown fuse or circuit breaker.2. Low line voltage.3. Impeller blocked.4. Defective motor.	<ol style="list-style-type: none">1. If blown, replace with proper sized fuse or reset breaker.2. If voltage is under 104 volts, check wiring size.3. Remove blockage.4. Replace pump.
Flow rate is too low.	<ol style="list-style-type: none">1. Piping or hose is kinked or damaged.2. Low line voltage.3. Too much discharge hose friction.	<ol style="list-style-type: none">1. Clean or replace piping or hose.2. If voltage is under 104 volts, check wiring size.3. Shorten and/or increase the diameter of the discharge hose.
Seal leaks	<ol style="list-style-type: none">1. Worn seal.2. Pump head is loose on motor.	<ol style="list-style-type: none">1. Replace seal.2. Ensure proper assembly and check for obstructions. Tighten bolts.
The pump stops during work	<ol style="list-style-type: none">1. Insufficient water source leads to no-load protection2. The impeller is locked by debris	<ol style="list-style-type: none">1. Check the water source and restart the pump according to the operation steps2. Remove the pump body and clean up the debris

This image shows a full page of blank, lined paper. It features approximately 20 evenly spaced horizontal grey lines across its entire width, providing a guide for handwriting or typing. The background is a solid off-white color, and there are no margins, text, or other markings present.

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

TERMS AND CONDITIONS OF SALE

Orders for this product are expressly made conditional on buyer's assent to company's terms and conditions of sale, which can be found by scanning the QR code below, or are available upon request by mail. Any terms and conditions in any of buyer's documents that are inconsistent with or add to seller's terms and conditions of sale are hereby rejected and are not binding upon company.



Installed by: _____

Model: _____

Date of Installation: _____

Serial Number: _____



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