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› [FLUENTPOWER 1HP Portable Garden Transfer Pump, 900GPH Electric Sprinkler Booster Pump, Shallow Well Jet Pump for Home Lawn Irrigation and Water Draining, 13 ft Suction Hose Kit included 1HP+ Suction Hose Kit](#)

FLUENTPOWER FGP75OJINOX-1A+FPC3-4

FLUENTPOWER 1HP Portable Garden Transfer Pump Instruction Manual

Model: FGP75OJINOX-1A+FPC3-4

PRODUCT OVERVIEW

The FLUENTPOWER 1HP Portable Garden Transfer Pump is a versatile and efficient solution for various water transfer and irrigation needs. Designed for clean water applications, it offers robust performance with a high flow rate and significant lift capabilities, making it ideal for home lawns, gardens, and agricultural use.

Key Features:

- **1 HP Power with High Efficiency:** Max flow rate of 900 GPH, max lift head of up to 144 feet, and max suction depth of 26 feet. Sprays output flow up to 350 GPH at 40 PSI.
- **13 FT Suction Hose Kit:** Comes with a 13-foot long aspiration hose set, including adapter (NPT1" male thread + G1-1/4" female thread) and check valve with filter cover.
- **Durability and Safety:** Features a stainless steel housing, waterproof on/off switch, portable handle, wear-resistant seal structure, and overheat protection.
- **Easy Maintenance and Rust Free:** Corrosion-resistant stainless steel construction for durability and easy cleaning. Dedicated priming & drain ports with rotary knob design allow for tool-free water priming and draining.
- **Widely Use:** Max 65 PSI water pressure output makes this water pump perfect for irrigation or water transportation in ponds, pools, shallow wells, sprinkling systems, gardening, rain barrels, and large aquariums.

SETUP GUIDE

1. Unboxing and Component Check

Carefully open the packaging and ensure all components are present:

- FLUENTPOWER 1HP Portable Garden Transfer Pump
- 13 ft Suction Hose Kit (including adapter and check valve with filter cover)
- Instruction Manual
- Thread Seal Tape



Image: The FLUENTPOWER 1HP Portable Garden Transfer Pump with its included 13 ft suction hose kit, adapters, and instruction manual.

2. Connecting the Suction Hose

1. Identify the suction inlet on the pump.
2. Apply the provided thread seal tape to the threads of the suction hose adapter.
3. Securely attach the appropriate adapter (NPT1" male thread + G1-1/4" female thread) to the suction hose.
4. Connect the suction hose to the pump's inlet. Ensure a tight, leak-free connection.
5. Attach the check valve with filter cover to the other end of the suction hose. This prevents debris from entering the pump.

13FT Suction Hose Kit



Image: A detailed view of the 13 ft suction hose kit, showing the check valve with filter cover, extra adapter, and G 1-1/4" female thread.

3. Priming the Pump

Before first use or after the pump has run dry, it must be primed:

1. Locate the priming port on the top of the pump.
2. Unscrew the priming cap.
3. Slowly pour clean water into the priming port until the pump casing is full.
4. Replace and securely tighten the priming cap.
5. Ensure the suction hose is submerged in the water source.

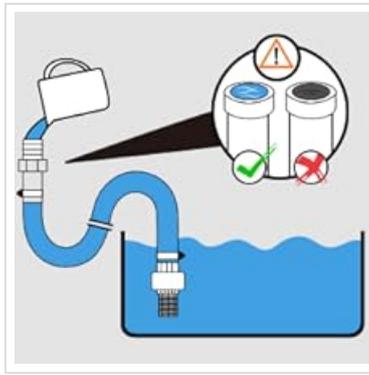


Image: A diagram illustrating the process of priming the pump by filling the casing with water through the designated port.

4. Connecting the Discharge Hose

Attach your garden hose or sprinkler system to the discharge port of the pump. Ensure all connections are tight to prevent leaks.

OPERATING INSTRUCTIONS

1. Ensure the pump is properly primed and all hoses are securely connected.
2. Place the suction end of the hose into the water source (e.g., rain barrel, pond, shallow well).
3. Plug the pump into a grounded 110V power outlet.
4. Flip the waterproof ON/OFF switch to the 'ON' position. The pump will begin to operate.
5. Monitor the water flow from the discharge hose. It may take a few moments for consistent flow to establish.
6. When finished, turn the pump off using the ON/OFF switch and unplug it from the power source.

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Video: A demonstration of the FLUENTPOWER pump's unboxing, setup, and operation, including connecting hoses, priming, and watering a garden. This video highlights the ease of use and effective water transfer capabilities.



FLUENTPOWER



Image: The FLUENTPOWER pump actively being used in a garden to water plants, demonstrating its application for irrigation.

MAINTENANCE

1. Cleaning After Use

The corrosion-resistant stainless steel construction allows for easy cleaning. After each use, especially when pumping non-potable water, it is recommended to flush the pump with clean water to prevent buildup and ensure longevity.

2. Draining for Storage

For storage, especially in freezing conditions, completely drain the pump. Use the dedicated drain ports with rotary knob design to empty any remaining water without tools.

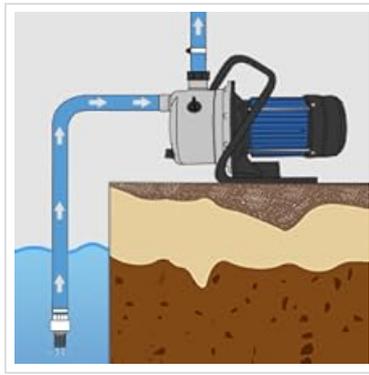


Image: A diagram illustrating the process of draining the pump, showing water exiting from the drain port.

3. Overheat Protection

The pump is equipped with overheat protection to prevent damage. If the pump stops unexpectedly, allow it to cool down before attempting to restart. Check for any obstructions or issues that might have caused overheating.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Pump does not start	No power; Faulty switch; Overheat protection activated.	Check power connection and outlet; Inspect switch; Allow pump to cool down.
Pump runs but no water flows	Pump not primed; Suction hose not submerged; Air leak in suction line; Clogged filter.	Re-prime the pump; Ensure suction hose is fully submerged; Check all connections for tightness; Clean the suction filter.
Low water pressure/flow	Partial clog in hose/filter; Air in system; Suction lift too high.	Check and clear any clogs; Re-prime the pump; Ensure suction depth is within 26 ft maximum.
Motor gets too hot	Continuous dry running; Overload; Insufficient ventilation.	Ensure continuous water supply; Check for clogs; Ensure cooling vents are clear.

SPECIFICATIONS

Attribute	Value
Brand	FLUENTPOWER
Model Number	FGP75OJINOX-1A+FPC3-4
Horsepower	1 HP
Maximum Flow Rate	900 GPH (15 Gallons Per Minute)
Maximum Lift Head	144 Feet
Maximum Suction Depth	26 Feet
Max Grain Size	0.04"
Voltage	110 Volts
Wattage	750 watts

Attribute	Value
Material	Stainless Steel, Plastic
Item Weight	17.6 Pounds
Product Dimensions	13.2"L x 8.9"W x 9.8"H
Cord Length	4 Feet
Sound Level	83 dB



Image: The pump with visual callouts for its dimensions and key performance metrics like 1HP, 900GPH, 26FT suction, 144FT lift, and max water temperature.

WORKING PERFORMANCE

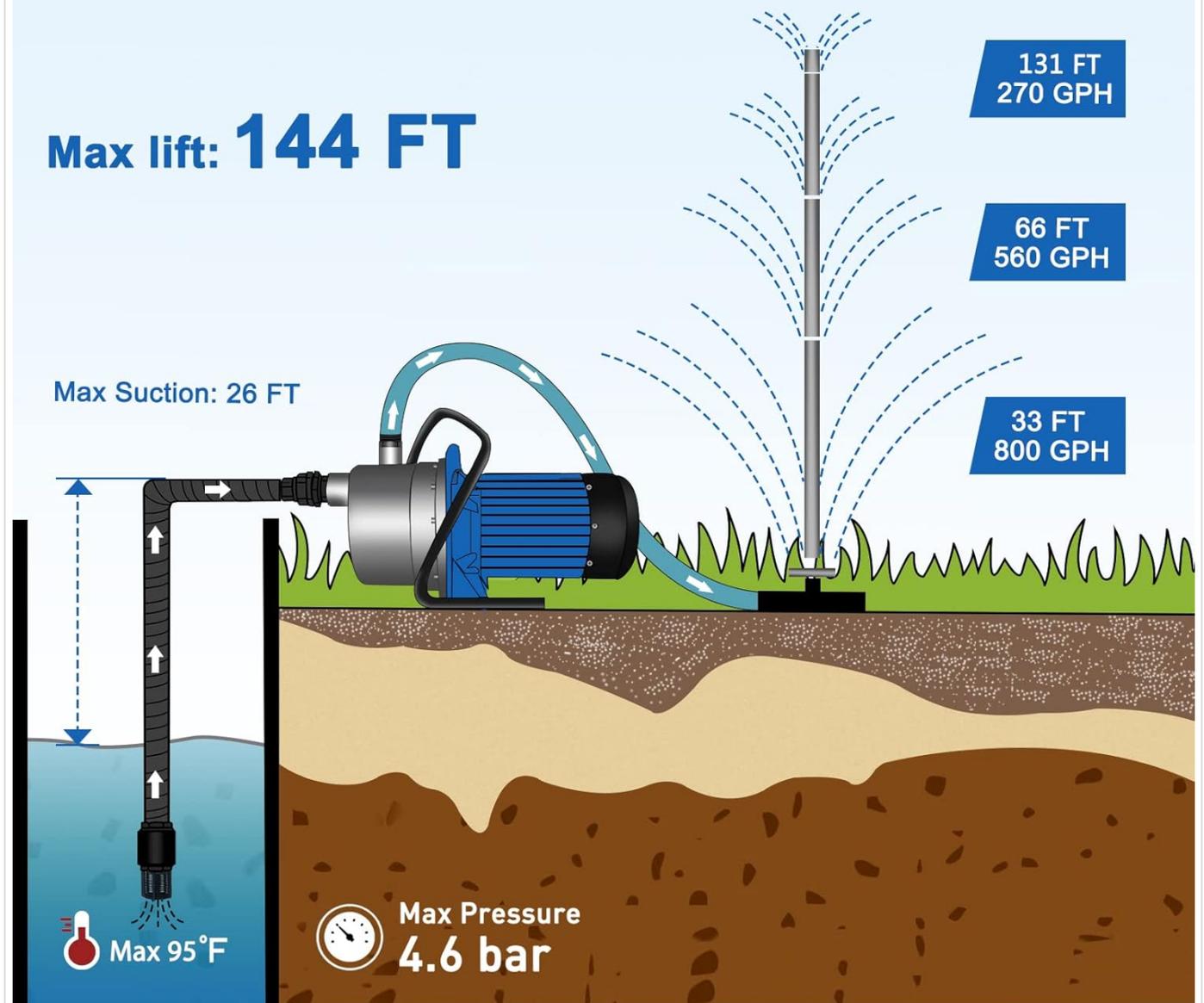


Image: A diagram showing the pump's working performance, including max lift (144 FT), max suction (26 FT), and flow rates at different heights (270 GPH at 131 FT, 560 GPH at 66 FT, 800 GPH at 33 FT).

WARRANTY AND SUPPORT

This FLUENTPOWER pump comes with a 1-year guarantee.

For technical support, troubleshooting assistance, or warranty claims, please contact FLUENTPOWER customer service.

Email: fluenttools@gmail.com

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