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› LANCHEZ 1.6 HP Portable Shallow Well Pump User Manual

LANCHEZ JGP11007WUINOX-G

LANCHEZ 1.6 HP Portable Shallow Well Pump User Manual

Model: JGP11007WUINOX-G

1. INTRODUCTION AND OVERVIEW

The LANCHEZ 1.6 HP Portable Shallow Well Pump is designed for efficient water transfer, garden draining, and lawn irrigation. Its powerful 1.6 HP motor ensures strong performance with low energy consumption, offering a maximum flow rate of up to 1162 GPH and a maximum lift of 147 feet. This manual provides essential information for safe and effective use of your pump.



Figure 1: LANCHEZ 1.6 HP Portable Shallow Well Pump

2. SAFETY INFORMATION

Your safety is paramount. Please read and understand all safety instructions before operating the pump.

- **Electrical Safety:** Ensure the pump is connected to a properly grounded outlet. Do not operate with wet hands or in standing water.
- **Thermal Overload Protection:** The pump features built-in thermal overload protection. If the pump overheats, it will automatically stop and restart once it cools down. However, continuous dry running or operation without water flow can damage the motor.
- **Prevent Cavitation:** Always prime the pump by filling the pump head and inlet pipe with water before starting to prevent air buildup (cavitation), which can damage the seals and impeller.
- **Water Flow:** Do not leave the pump running if water is not flowing through it. This can lead to motor seizure and damage.
- **Installation Location:** Install the pump in a clean, dry, and ventilated location, protected from freezing temperatures.

Security Protection

When the pump is running and the temperature exceeds its permissible range, it will stop automatically and restart when the temperature cools down, which can prevent the motor from overheating and burning.

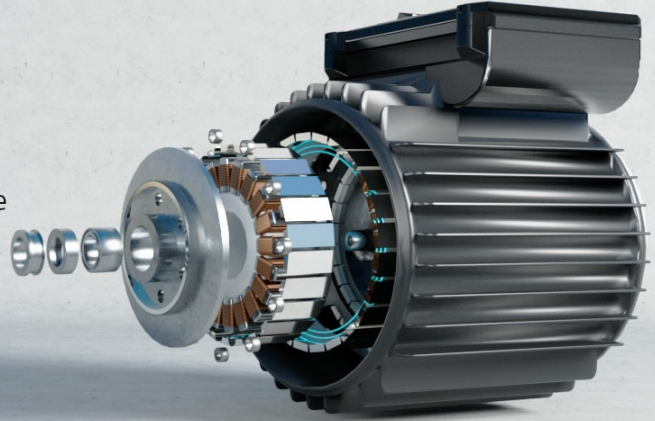


Figure 2: Built-in Thermal Protection for Safe Operation

3. PRODUCT FEATURES

- **Strong and Reliable Performance:** 1.6 HP motor, max flow rate up to 1162 GPH, max lift to 147 feet.
- **Portable and Durable Design:** Easy-to-carry handle for portability. Corrosion-resistant stainless steel pump head for extended product life and easy cleaning.
- **Safety Features:** Full corrosion-resistant and reinforced thermoplastic construction with thermal overload protection.
- **Versatile Application:** Suitable for pressure boosting, small underground sprinkler systems, operating lawn sprinklers, and various general-purpose water transfer applications in gardens, lawns, farms, and rural homes.

LANCHEZ

PORTABLE SHALLOW WELL PUMP

MAX. HEAD: **147FT**

MAX.PRESSURE: **62.25 PSI**

MAX
1162
GPH



Figure 3: Performance Overview



PORTABLE IRON HANDLE

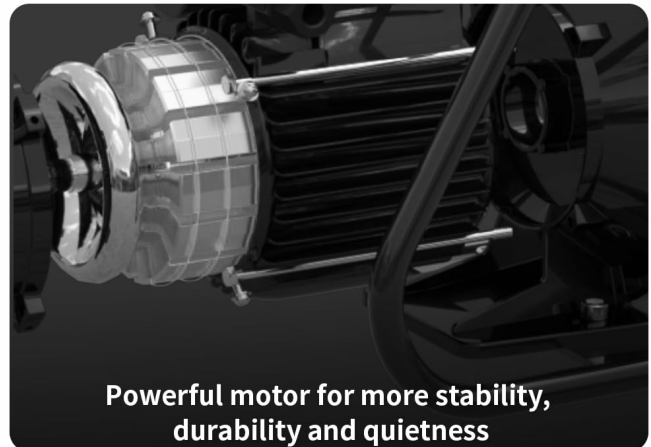


Figure 4: Key Components of the Pump



Water Transfer
Garden Pump

1.6HP

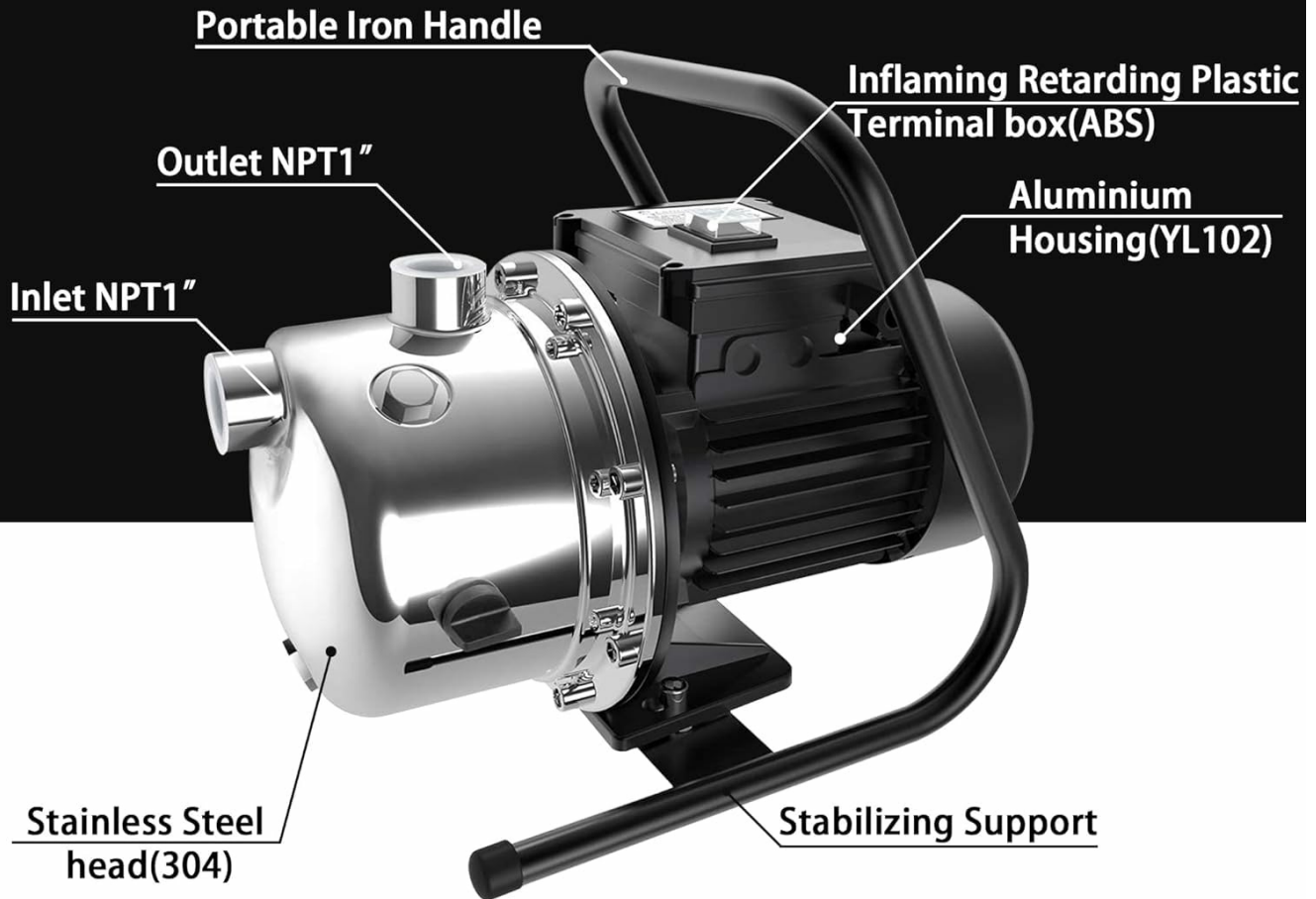


Figure 5: Portable Handle and Motor Design

4. SETUP

1. **Placement:** Install the pump in a clean, dry, and well-ventilated area. Ensure adequate space for servicing and protection from freezing temperatures. Bolt the pump to a stable foundation, preferably concrete, and provide adequate drainage.
2. **Connections:** The pump features 1-inch NPT (National Pipe Thread) inlet and outlet ports. You may need adapters for connecting to standard garden hoses.
3. **Inlet Hose:** For the inlet, it is crucial to use a rigid suction/intake type hose. A standard garden hose may collapse under the pump's suction, restricting water flow.
4. **Outlet Hose:** The outlet can be connected to a garden hose, or a Y-splitter with shutoffs for multiple connections.
5. **Pressure Gauge Installation:** The included pressure gauge can be installed on the designated port on the pump head. Use the provided thread seal tape for a secure, leak-free connection.
6. **Priming the Pump:** Before first use or after the pump has been drained, fill the pump head and inlet pipe completely with water. This prevents cavitation and ensures proper operation.

CONNECTION MODE

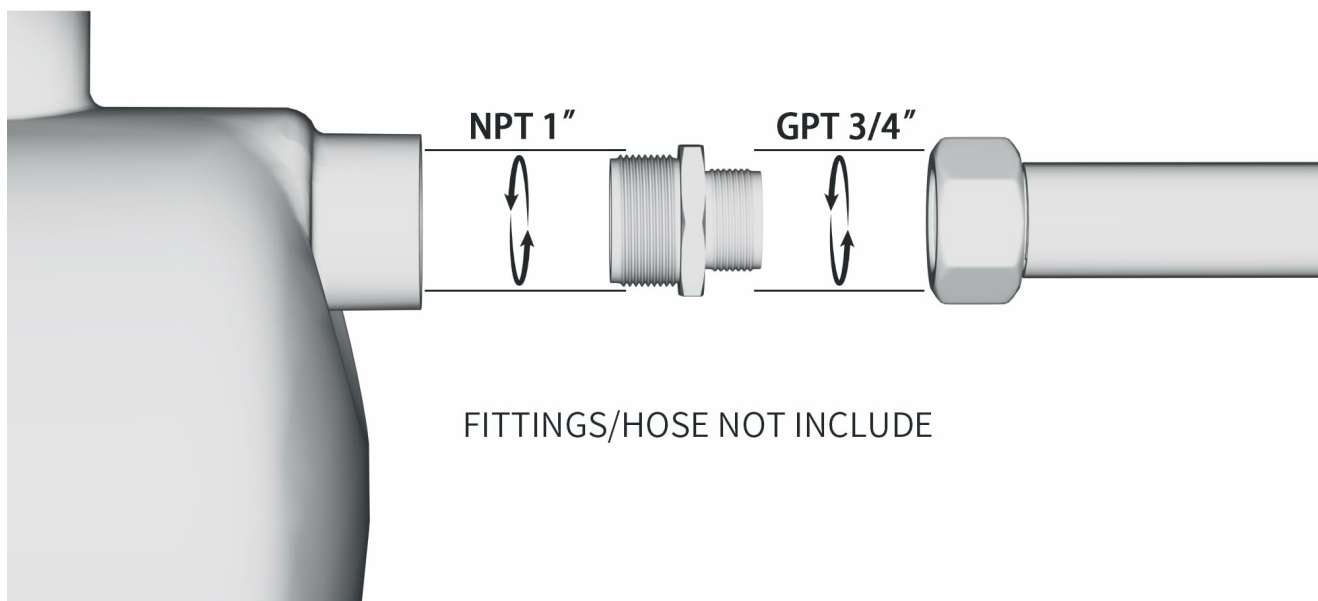


Figure 6: Connection Mode and Dimensions

Before Use

Recommendation: pump head/inlet pipe filled with water to prevent damage to its seals and impeller

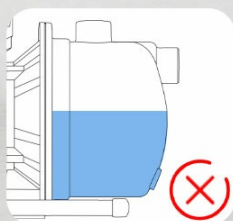
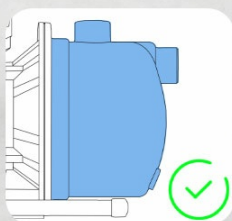


Figure 7: Priming the Pump Before Use

5. OPERATING INSTRUCTIONS

1. **Ensure Proper Setup:** Verify all connections are secure and the pump has been properly primed.
2. **Power On:** Plug the pump into a grounded 115V power outlet. The pump features an ON/OFF switch for safe and convenient operation.
3. **Monitor Water Flow:** Once powered on, the pump will begin transferring water. Observe the water flow and the pressure gauge (if installed).
4. **Continuous Operation:** This is a continuous duty pump, meaning it can operate for extended periods without needing to be shut off, provided there is a continuous water supply.
5. **Avoid Dry Running:** Never allow the pump to run without water flowing through it. This can cause severe damage to the motor and internal components. If water flow stops, immediately turn off the pump.

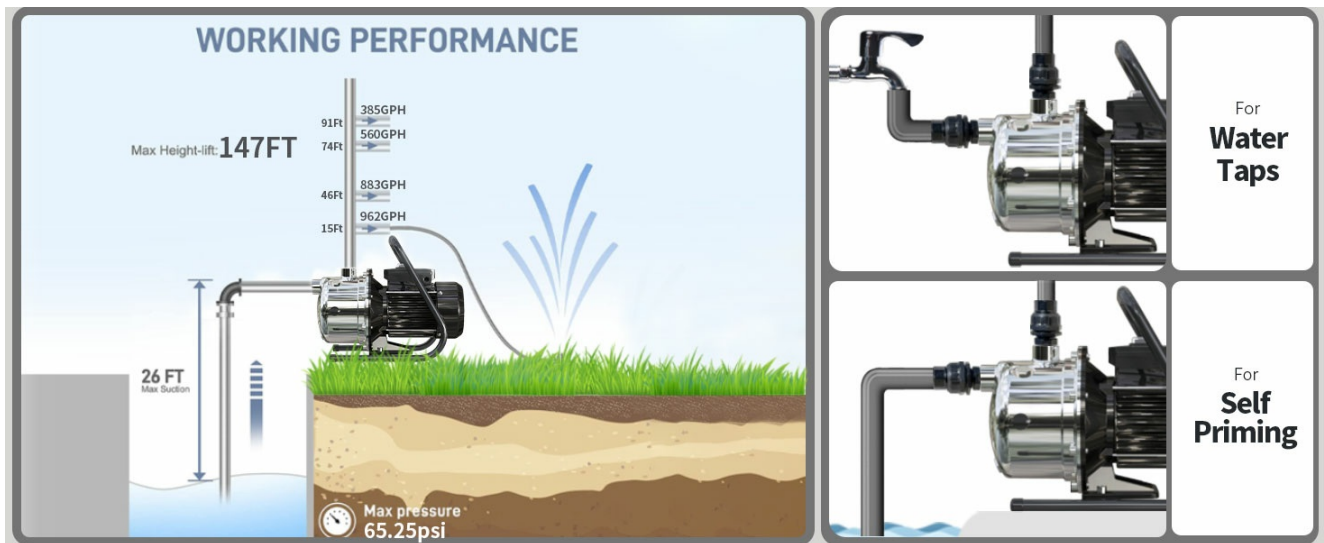


Figure 8: Working Performance and Application Examples

6. MAINTENANCE

- **After Use:** Always turn off the switch and drain all water from the pump after each use, especially before storing or in freezing conditions.
- **Regular Cleaning:** Keep the pump exterior clean. Periodically check the inlet screen for debris and clear any blockages to maintain optimal flow.
- **Storage:** Store the pump in a dry, protected area when not in use.

After Use

Recommendation: Turn off the switch and drain the water after use.

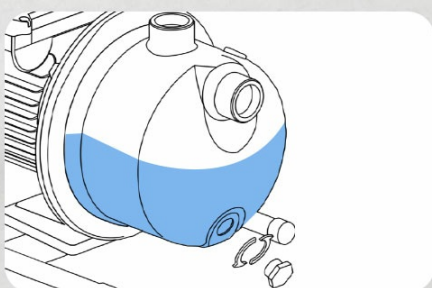


Figure 9: Draining the Pump After Use

7. TROUBLESHOOTING

If you encounter issues with your LANCHEZ pump, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Pump does not start or stops unexpectedly.	No power; Thermal overload activated; Motor seized.	Check power connection. Allow pump to cool down if overheated. Ensure pump is primed and not running dry. If motor is seized, professional service may be required.
Low or no water flow.	Pump not primed; Inlet hose collapsed/restricted; Clogged inlet screen; Air leak in suction line.	Re-prime the pump. Use a rigid suction hose. Clean inlet screen. Check all connections for air leaks.
Unusual noise during operation.	Cavitation (air in pump); Debris in impeller; Worn bearings.	Ensure pump is fully primed. Check for and remove any debris. If noise persists, contact support.

For more detailed troubleshooting, please refer to the official [Troubleshooting Guide \(PDF\)](#).

8. SPECIFICATIONS

Specification	Value
Brand	LANCHEZ
Model Number	JGP11007WUINOX-G
Horsepower	1.6 HP
Wattage	1100 watts
Voltage	115 Volts
Power Source	AC
Maximum Flow Rate	1162 GPH (19.3 Gallons Per Minute)
Maximum Lifting Height	147 Feet
Max Suction Height	26 Feet
Max Water Temperature	95°F
Protection Type	IPX4
Discharge	NPT1-1"
Item Weight	26.7 pounds
Product Dimensions	14.57 x 8.39 x 11.42 inches

Specification	Value
Material	Stainless Steel
Included Components	Thread Sealing Tape, Pressure Gauge, 1.6 HP Shallow Well Pump
UPC	784848013087

9. WARRANTY AND SUPPORT

LANCHEZ provides 3 years of technical support for this product. For any inquiries or assistance, please contact Lanchez Pumps Industry Inc. directly.

You can also find additional information and resources on the [LANCHEZ Brand Store](#).

For a comprehensive guide, download the official [Instructions for Use \(IFU\) \(PDF\)](#).

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Answered questions about this manual

Is there supposed to be a large O-ring between the impeller housing and the motor on the LANCHEZ JGP11007WUINOX-G shallow well pump?

Yes, there is supposed to be an O-ring between the pump casing (impeller housing) and the motor adapter. According to the Maintenance section of the LANCHEZ manual (specifically under Reassembly, step 6), you must...
[Read full answer](#)

