



[Manuals.plus](#) /

› [LANCHEZ](#) /

› LANCHEZ 1.2 HP Portable Shallow Well Garden Pump User Manual

LANCHEZ JGP9007WUINOX PRO

LANCHEZ 1.2 HP Portable Shallow Well Garden Pump User Manual

Model: JGP9007WUINOX PRO

INTRODUCTION

Thank you for choosing the LANCHEZ 1.2 HP Portable Shallow Well Garden Pump. This manual provides essential information for the safe and efficient operation, installation, and maintenance of your pump. Please read this manual thoroughly before use and retain it for future reference.



Image: The LANCHEZ 1.2 HP Portable Shallow Well Garden Pump, showcasing its compact design, stainless steel pump head, and black motor housing with a sturdy handle. Included accessories like a pressure gauge and thread seal tape are visible.

SAFETY INFORMATION

Always observe basic safety precautions to reduce the risk of fire, electric shock, and personal injury. This pump is designed for water transfer applications. Do not use with flammable or corrosive liquids.

- Ensure the power source matches the pump's voltage (115V).
- Do not operate the pump without priming it first, as this can permanently damage the seal and impeller.
- The pump features built-in thermal overload protection to prevent overheating. If the pump stops, allow it to cool down before restarting.
- Keep children and unauthorized persons away from the operating pump.
- Always disconnect power before performing any maintenance or cleaning.

PRODUCT COMPONENTS

Familiarize yourself with the main components of your LANCHEZ pump:



Water Transfer
Garden Pump

1.2HP

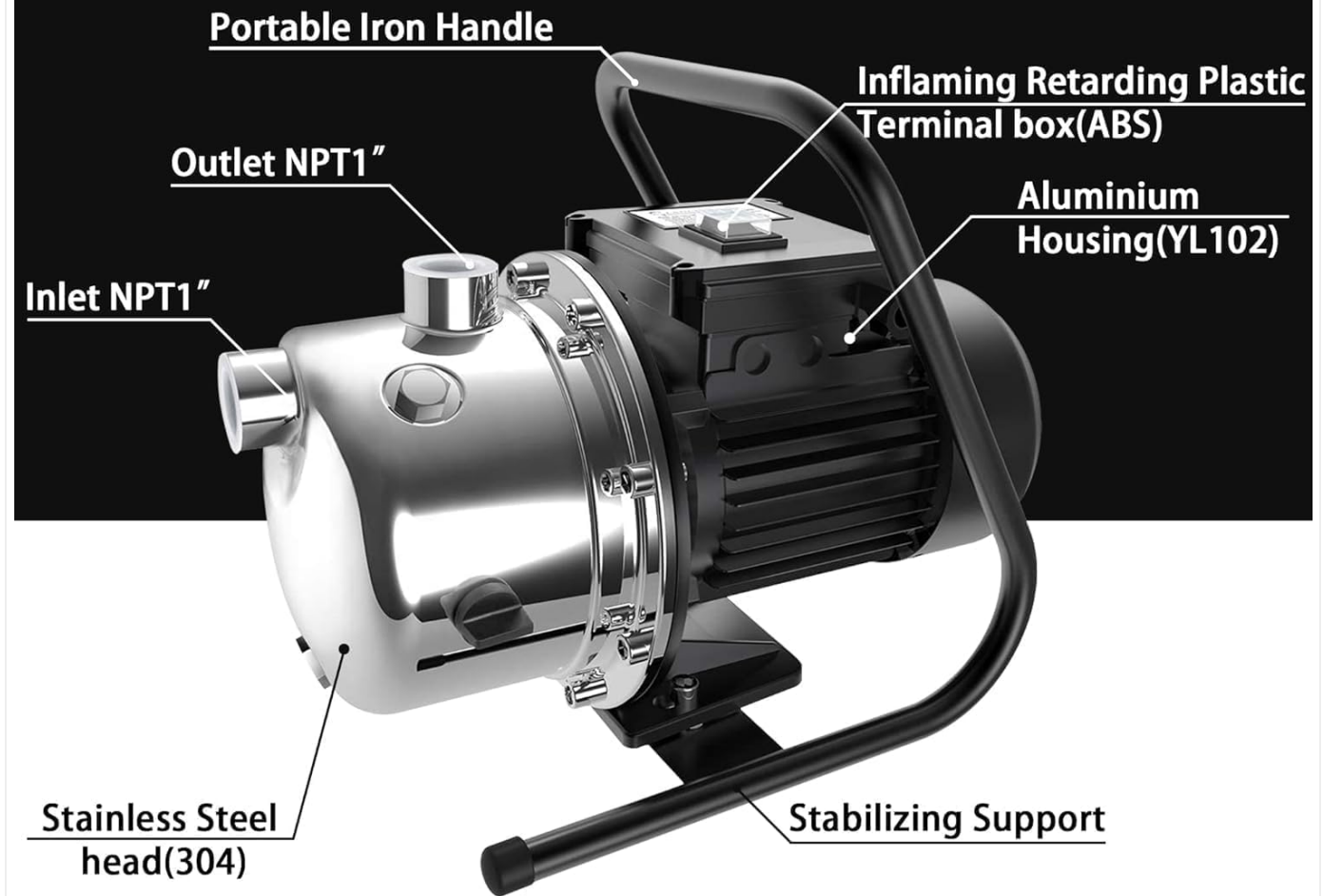


Image: A detailed diagram labeling the key components of the LANCHEZ 1.2 HP pump, including the Portable Iron Handle, Inflaming Retarding Plastic Terminal box (ABS), Aluminium Housing (YL102), Stainless Steel head (304), Stabilizing Support, Outlet NPT1", and Inlet NPT1".

- **Stainless Steel Head (304):** Corrosion-resistant and durable pump head.
- **Portable Iron Handle:** For easy transport and installation.
- **Inflaming Retarding Plastic Terminal Box (ABS):** Houses electrical connections safely.
- **Aluminium Housing (YL102):** Protects the motor.
- **Stabilizing Support:** Provides a stable base for operation.
- **Inlet NPT1" / Outlet NPT1":** Standard threaded connections for hoses.

SETUP AND INSTALLATION

Proper setup is crucial for optimal performance and longevity of your pump.

1. Connection Mode

The pump features NPT 1" connections. Ensure your fittings and hoses are compatible.

CONNECTION MODE

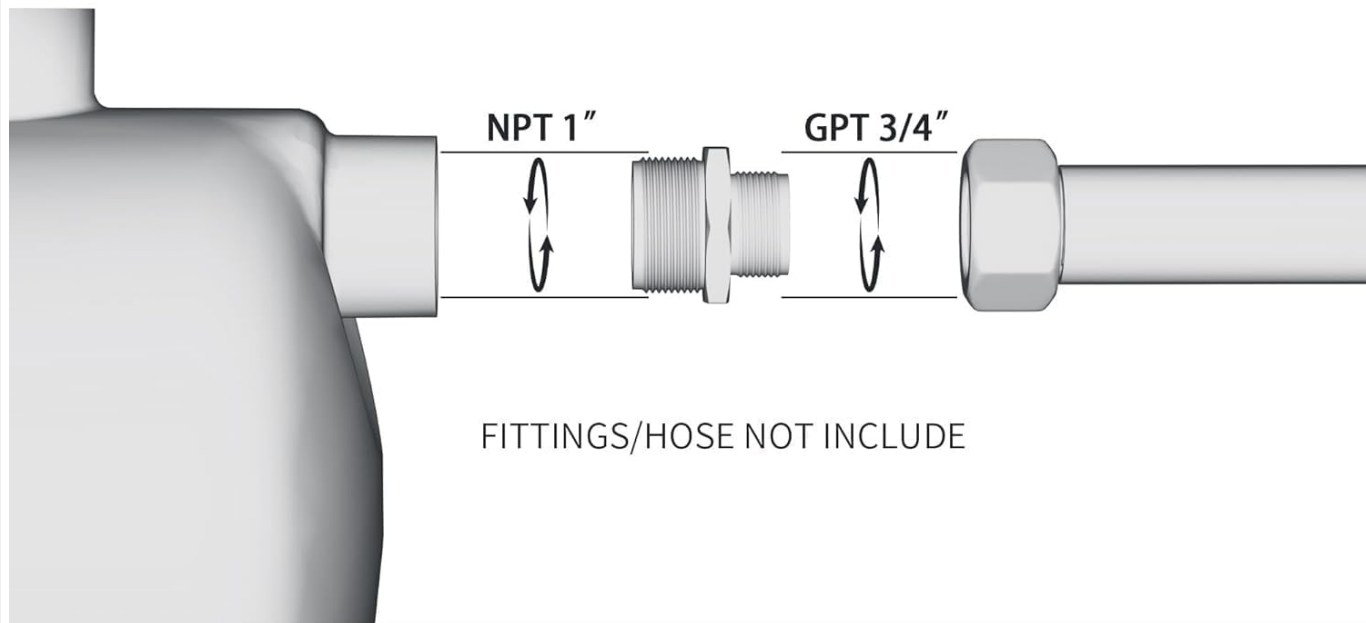


Image: A diagram illustrating the connection mode for the pump, showing NPT 1" and GPT 3/4" fittings. It indicates that fittings and hoses are not included with the pump.

2. Priming the Pump

Before first use or after the pump has been drained, it is essential to prime the pump. This involves filling the pump casing and suction line completely with clean water.

1. Ensure the pump is placed on a stable, level surface.
2. Remove the plug from the street tee or the designated priming port.
3. Pour clean water into the unit until the casing and suction line are completely filled.
4. Replace the plug securely.

Before Use

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

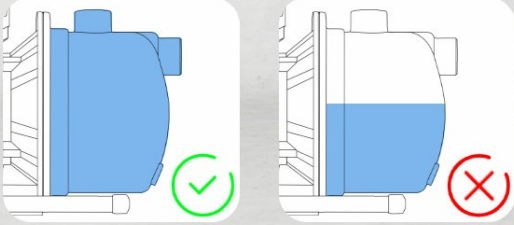


Image: An illustration demonstrating the correct method for priming the pump. It shows water being poured into the pump's inlet until the casing is full, with a visual comparison of correctly primed (full) and incorrectly primed (partially empty) pump states.

Important: Do not run the shallow well jet pump before priming it, as the seal and impeller could be permanently damaged.

OPERATING INSTRUCTIONS

Once the pump is properly set up and primed, you can begin operation.

1. Ensure all connections are tight and leak-free.
2. Plug the 10ft extended length grounded waterproof power cord into a 110V-120V AC power source.
3. Activate the safety switch to start the pump.
4. Monitor the pressure gauge (if installed) to ensure proper operation.



ON/OFF SWITCH

Safe and Convenient Operation

STAINLESS STEEL PUMP HEAD

Durable and easy to maintain for longer life

PORTABLE IRON HANDLE

Lightweight and portable

Image: A composite image highlighting key features: the ON/OFF switch for safe and convenient operation, the stainless steel pump head for durability, and the portable iron handle for easy transport.

Performance Overview

The LANCHEZ 1.2 HP pump offers robust performance for various applications:

- Maximum Flow Rate: Up to 1828 GPH (30.47 Gallons Per Minute)
- Maximum Lift Height: Up to 157 feet

- Maximum Suction Height: 24 feet
- Maximum Pressure: 66 PSI

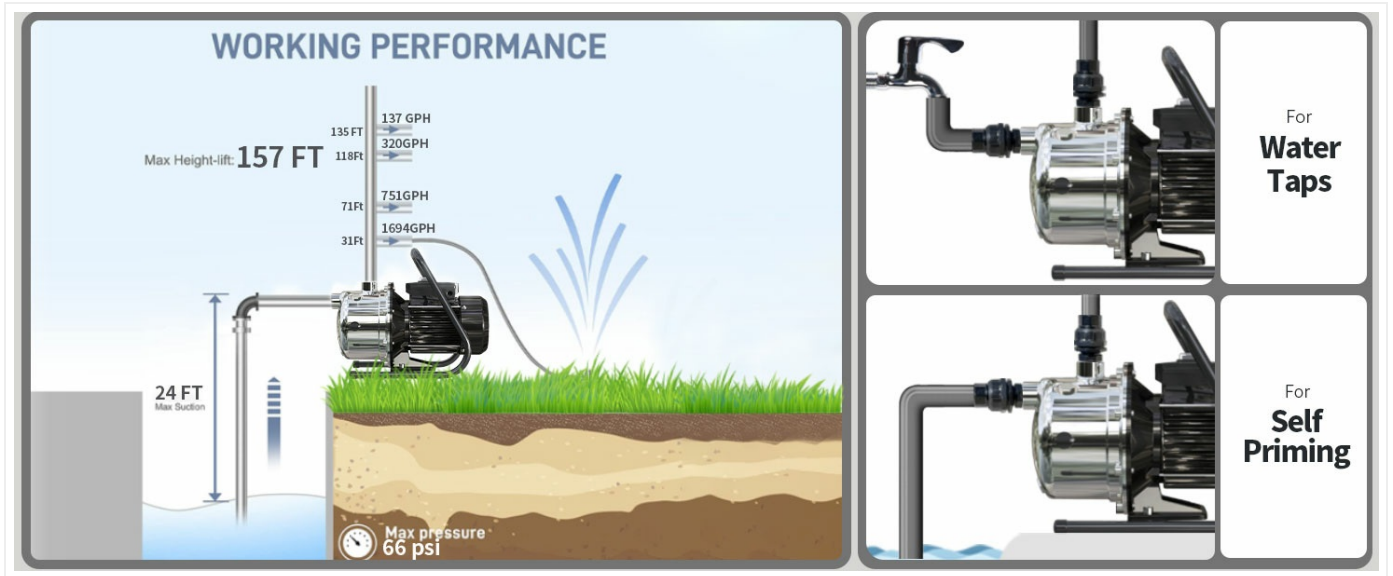


Image: A diagram illustrating the working performance of the pump, showing its maximum suction height of 24 feet and maximum lift height of 157 feet, along with flow rates at different heights. It also depicts typical applications for water taps and self-priming setups.

MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your pump.

After Each Use

After completing your pumping task, it is recommended to turn off the switch and drain the water from the pump.

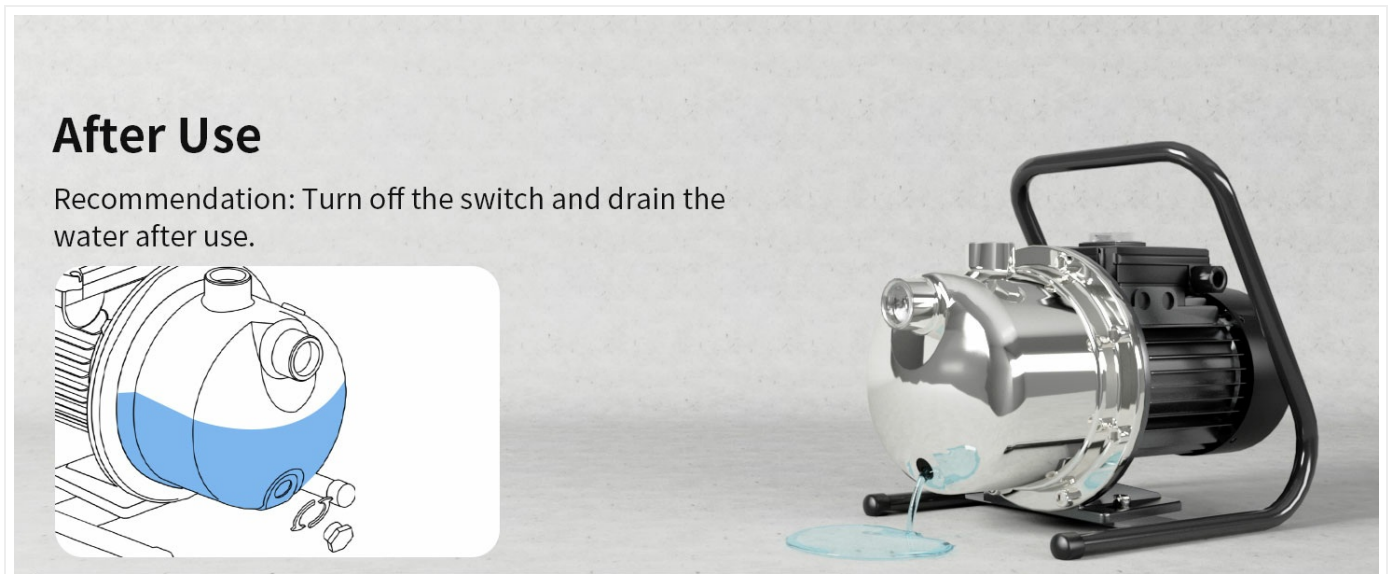


Image: An illustration showing the process of draining water from the pump after use, with a visual representation of the pump casing being emptied.

Long-Term Storage

If storing the pump for an extended period, especially in freezing conditions, ensure all water is completely drained to prevent damage from ice expansion.

Motor and Overload Protection

The pump is equipped with a powerful copper wire motor designed for stability, durability, and quiet operation. It also features built-in thermal overload protection.

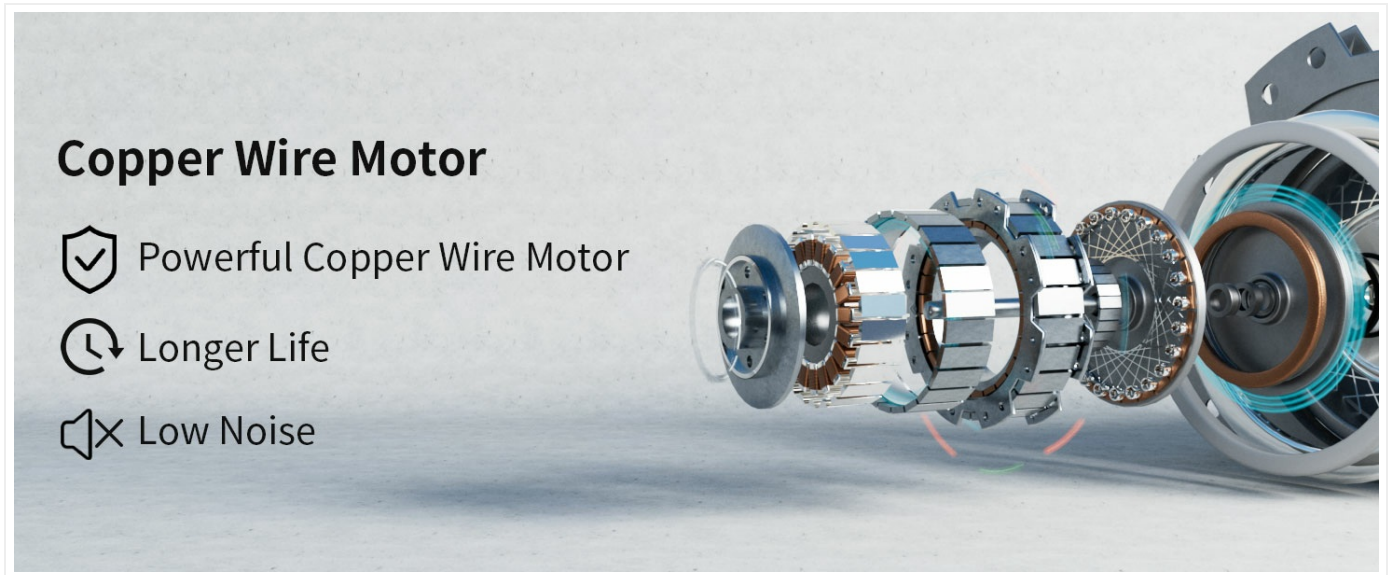


Image: A cutaway diagram of the pump's copper wire motor, highlighting its components and emphasizing its powerful, long-life, and low-noise characteristics.

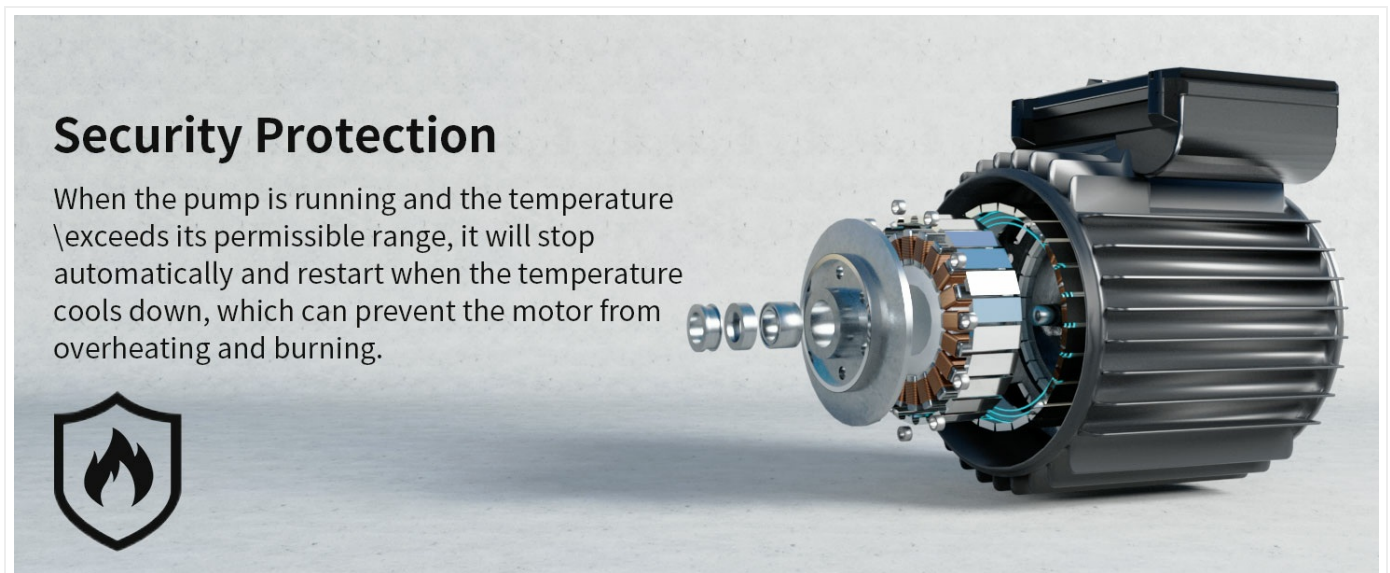


Image: A diagram illustrating the security protection mechanism of the pump's motor. It explains that if the pump's temperature exceeds its permissible range during operation, it will automatically stop and restart once the temperature cools down, preventing overheating and burning.

TROUBLESHOOTING

This section addresses common issues you might encounter with your pump.

Problem	Possible Cause	Solution
Pump does not start.	No power; Thermal overload activated; Faulty switch.	Check power connection and outlet. Allow pump to cool down if overheated. Inspect switch for damage.
Pump runs but no water flows.	Pump not primed; Suction line air leak; Inlet/outlet blocked.	Re-prime the pump. Check all connections for leaks. Clear any blockages in pipes.

Problem	Possible Cause	Solution
Low flow or pressure.	Partial blockage; Insufficient priming; Excessive lift height.	Check for partial blockages. Ensure proper priming. Verify operating conditions are within specifications.
Pump is noisy.	Air in system; Cavitation; Loose components.	Ensure pump is fully primed and no air is entering the system. Check for loose parts.

SPECIFICATIONS

Detailed technical specifications for the LANCHEZ 1.2 HP Portable Shallow Well Garden Pump.

Specification	Value
Brand	LANCHEZ
Model Number	JGP9007WUINOX PRO
Style	1.2HP
Power Source	AC
Voltage	115 Volts
Wattage	900 watts
Horsepower	1.2 hp
Maximum Flow Rate	1828 GPH (30.47 Gallons Per Minute)
Maximum Lifting Height	157 Feet
Maximum Suction Height	24 Feet
Maximum Pressure	66 PSI
Material	Stainless Steel
Color	Black
Product Dimensions (L x W x H)	13.38"L x 7.87"W x 11.41"H
Item Weight	23.6 pounds
Included Components	Thread seal tape, pressure gauge, 1.2 HP Shallow Well Pump

WARRANTY AND SUPPORT

LANCHEZ provides comprehensive support for your product.

- **Warranty:** 3 years of technical support.
- **Customer Service:** If you have any questions or concerns, please do not hesitate to contact LANCHEZ customer service. They are available to help within 24 hours.



