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LANCHEZ JH11502

LANCHEZ In/Above Ground Pool Pump User Manual

Model: JH11502

Brand: LANCHEZ

1. PRODUCT OVERVIEW

This manual provides essential information for the safe and efficient operation of your LANCHEZ In/Above Ground Pool Pump. Please read it thoroughly before installation and use.

Product Components



Image: The LANCHEZ pool pump shown with its various components, including the main pump unit, strainer basket, 1.5" and 2" NPT adapters, O-rings, and sealing tape.

Product Description

- | | |
|-------------------------------|-----------------------------|
| ① 1.5" Inlet /Outlet Adapters | ② 2" Inlet /Outlet Adapters |
| ③ Filter Basket | ④ Drain Plug |
| ⑤ Earthing Terminal | ⑥ Junction Box |
| ⑦ High Performance Motor | ⑧ Speed Change Switch |
| ⑨ Adapter Fitting | ⑩ Waterproof Rubber Ring |
| ⑪ Sealing Tape | |



Image: A detailed diagram illustrating the key parts of the pool pump, including inlet/outlet adapters, filter basket, drain plug, earthing terminal, junction box, high performance motor, speed change switch, adapter fitting, and waterproof rubber ring.

1. 1.5" Inlet/Outlet Adapters
2. 2" Inlet/Outlet Adapters
3. Filter Basket

4. Drain Plug
5. Earthing Terminal
6. Junction Box
7. High Performance Motor
8. Speed Change Switch
9. Adapter Fitting
10. Waterproof Rubber Ring
11. Sealing Tape

2. SAFETY INFORMATION

Caution: Under no circumstances should the pump be switched on before being filled with water, as this could potentially cause harm to the mechanical seals and impeller. It is imperative to verify the water level within the pump before initiating operation. Initially, ensure the presence of the pump's drain plug; if inserted, water must be added accordingly. The excess water will seep into the pipeline and help generate suction.

The motor is thermally protected and sustains a maximum water temperature of 122°F (50°C).

3. SETUP AND INSTALLATION

Initial Priming

Before first use, it is crucial to fill the pool pump with water to ensure proper operation and prevent damage. This process is known as priming.

Video: Demonstrates how to fill the LANCHEZ pool pump with water before its initial operation to ensure proper priming and prevent damage.

Connection Methods

The pump offers versatile inlet/outlet options with 1.5" and 2" NPT adapters for various plumbing setups.

UNIVERSAL FITTINGS PIPE & HOSE



Image: Shows the universal fittings included with the pump, highlighting the 1.5" and 2" NPT adapters for pipe and hose connections.

Outlet/Inlet Connection Methods

Method1

1.5" or 2" Schedule 40 PVC Pipe Glue Connection

Method2

1.5" or 2" Schedule 40 PVC Pipe Glue Connection
+PVC Hose with Clamp



Glue Area



Hose Clamp

Method1



Method2

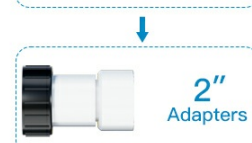
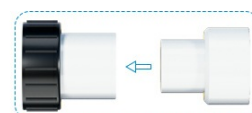
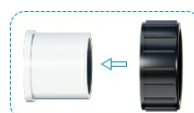


Image: Illustrates two primary methods for connecting the pump's outlet and inlet: Method 1 for 1.5" or 2" Schedule 40 PVC Pipe Glue Connection, and Method 2 for 1.5" or 2" Schedule 40 PVC Pipe Glue Connection with PVC Hose and Clamp.

4. OPERATING INSTRUCTIONS

Dual Speed Operation

Your LANCHEZ pool pump features a powerful 2-speed motor, allowing you to choose between high efficiency and energy-saving modes.



Image: The LANCHEZ pool pump positioned next to a pool, displaying key specifications such as 2 HP, 115V, and dual speeds of 1720/3450 RPM with a maximum flow of 3100/6600 GPH.

- **High Speed (3,450 RPM):** Provides an impressive transfer rate of 6600 GPH, ensuring quick and efficient water movement for tasks like backwashing or rapid circulation.
- **Low Speed (1,720 RPM):** Offers a quieter operation and energy savings, ideal for daily filtration and maintaining water quality.

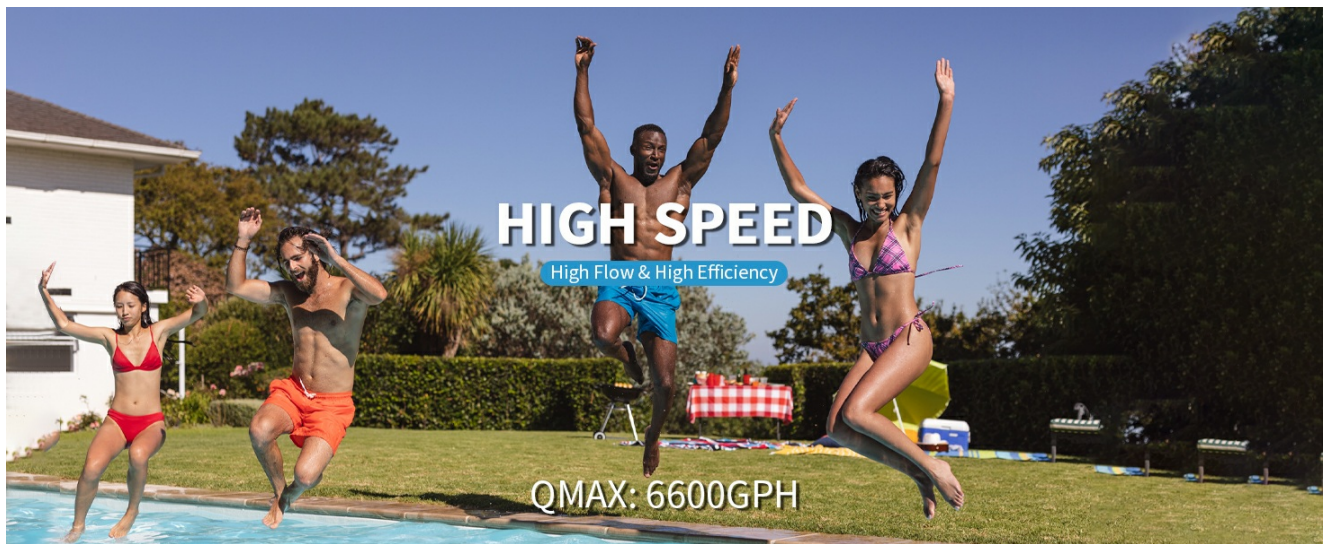


Image: Illustrates the high-speed operation of the pump, emphasizing high flow and high efficiency, with a QMAX of 6600 GPH, suitable for active use.



Image: Depicts the low-speed operation of the pump, highlighting low noise and energy saving, with a QMAX of 3100 GPH, suitable for continuous, quiet operation.

Self-Priming Feature

The pump is designed with self-priming capabilities, simplifying the startup process once initially filled with water.

HIGH-PERFORMANCE

Dual Speed / Durable Motor
Safe, Reliable and Quiet Operation



QUIET



OVERHEAT
PROTECTION



HIGH
PRESSURE



SELF
PRIMING

1500W

Image: An X-ray view of the pump's internal motor, highlighting features like quiet operation, overheat protection, high pressure, and self-priming capabilities, with a power rating of 1500W.

Pool Size Compatibility

Refer to the tables below to determine the recommended pump horsepower for various pool sizes and shapes.



ROUND POOL

POOL SIZE	GALLONS	HP
12FT	4500	1.5HP/2.0HP
15FT	5900	1.5HP/2.0HP
18FT	8400	2.0HP
21FT	12200	2.0HP
24FT	15500	2.0HP
26FT	18800	2.0HP
28FT	22000	2.0HP

Image: Chart showing recommended HP for various round pool sizes and corresponding gallons.

SQUARE POLL

POOL SIZE	GALLONS	HP
10FTx22FT	4600	1.5HP/2.0HP
12FTx24FT	6000	1.5HP/2.0HP
16FTx30FT	7200	2.0HP
16FTx32FT	8600	2.0HP
16FTx36FT	15600	2.0HP
18FTx36FT	24800	2.0HP
20FTx40FT	30500	2.0HP



Image: Chart showing recommended HP for various square pool sizes and corresponding gallons.



OVAL POOL

POOL SIZE	GALLONS	HP
10FTx23FT	5000	1.5HP/2.0HP
12FTx26FT	6800	1.5HP/2.0HP
15FTx28FT	9800	2.0HP
18FTx32FT	10500	2.0HP
18FTx36FT	15500	2.0HP
18FTx40FT	20800	2.0HP
20FTx38FT	25800	2.0HP

Image: Chart showing recommended HP for various oval pool sizes and corresponding gallons.

KIDNEY POOL

POOL SIZE	GALLONS	HP
14FTx28FT	4600	1.5HP/2.0HP
16FTx32FT	6200	1.5HP/2.0HP
18FTx36FT	9200	2.0HP
20FTx40FT	10800	2.0HP
22FTx40FT	12800	2.0HP
24FTx42FT	15800	2.0HP
26FTx42FT	20500	2.0HP



Image: Chart showing recommended HP for various kidney-shaped pool sizes and corresponding gallons.

5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your pool pump.

Cleaning the Strainer Basket

The pump features a removable debris basket for easy cleaning. A see-through lid allows for convenient internal viewing to monitor debris levels.

Video: Demonstrates the process of removing and cleaning the extra-large filter basket of the LANCHEZ pool pump, showing how to dispose of collected debris.



Image: The LANCHEZ pool pump with its large filter basket removed, illustrating its capacity to collect leaves, hair, branches, and grit.



Detachable Basket Design

Filter debris, hair, leaves, grits, etc.



Image: Highlights the detachable basket design of the pool pump, emphasizing its effectiveness in filtering debris such as hair, leaves, and grits.

Transparent Lid

Allow users to observe inside anytime and clean it in time.



Image: Focuses on the transparent lid of the pool pump, which allows users to easily observe the internal filter basket and clean it as needed.

6. TROUBLESHOOTING

If you encounter issues with your LANCHEZ pool pump, consider the following common troubleshooting steps:

- **Pump not priming:** Ensure the pump is filled with water and all connections are sealed to prevent air leaks. Check the water level in the pool.
- **Reduced flow:** Inspect the strainer basket for debris and clean if necessary. Check for blockages in the plumbing lines.
- **Unusual noise:** Verify that the pump is securely mounted and not vibrating excessively. Check for foreign objects in the impeller area (after disconnecting power).
- **Overheating:** Ensure adequate ventilation around the pump. Check for proper water flow and clear any obstructions.

For persistent issues or complex problems, please contact LANCHEZ customer support.

7. SPECIFICATIONS

Feature	Specification
Brand	LANCHEZ
Model Number	JH11502
Style	2 HP Dual Speed 115V
Power Source	Electric
Voltage	115 Volts
Wattage	1500 watts
Maximum Flow Rate	110 Gallons Per Minute (6600 GPH)
Maximum Lifting Height	69 Feet

Item Weight	35.3 Pounds
Product Dimensions	28.6"L x 9.4"W x 12.6"H
Material	Plastic
Color	Black
Specific Uses	Above Ground Pool, Inground Pool, Pool

8. WARRANTY AND SUPPORT

LANCHEZ is committed to providing quality and reliable products. Our pool pumps undergo rigorous testing to ensure safety, performance, and compliance.



Offers Excellent Customer Support

Pool pumps undergo rigorous testing thousands of times to ensure safety, performance, and compliance.



Image: Highlights LANCHEZ's commitment to customer support, including a 3-year service quality guarantee and professional testing.

- **Quality Assured:** Professionally tested in pre-factory.
- **Official Warranty:** Complimentary returns & exchange.
- **Customer Service:** 24/7 customer service is available to answer your questions.

For further assistance, please visit the official [LANCHEZ Store](#).