

LANCHEZ Q1100B56-L

LANCHEZ 1.6 HP Stainless Steel Submersible Water Pump User Manual

Model: Q1100B56-L

Brand: LANCHEZ

1. INTRODUCTION

This user manual provides essential information for the safe and efficient operation, installation, and maintenance of your LANCHEZ 1.6 HP Stainless Steel Submersible Water Pump. This high-performance pump is designed for quick and effective water removal from various environments, including swimming pools, flooded basements, pits, sewage sinks, and tubs.

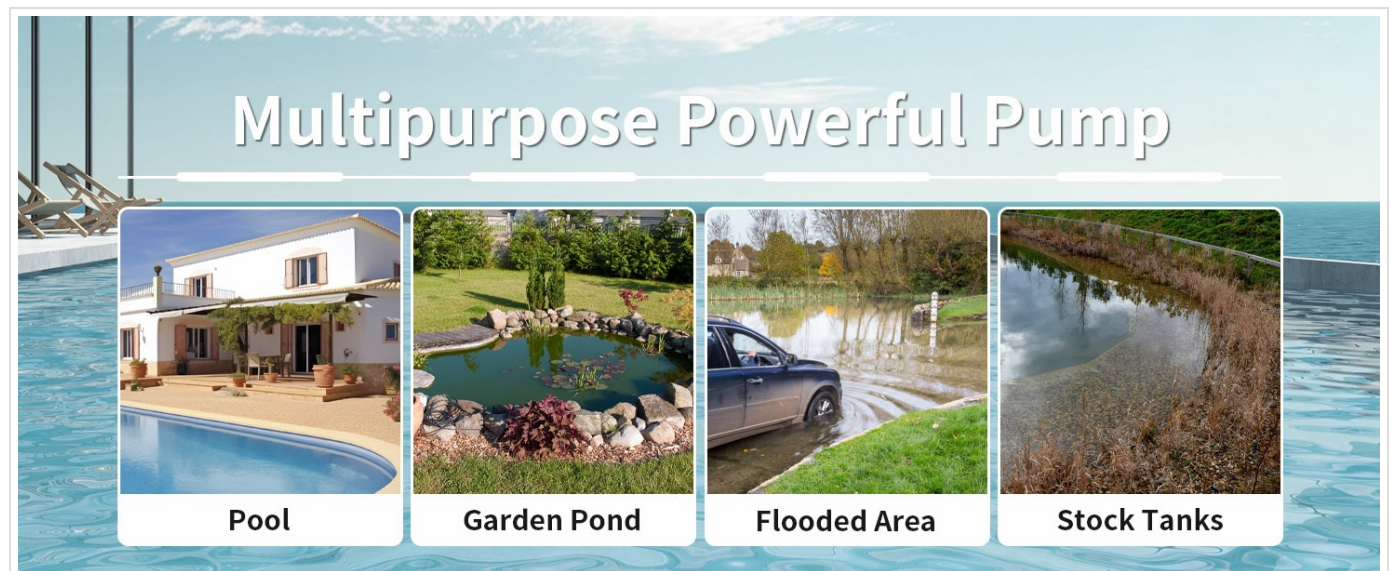


Image: Multipurpose applications of the LANCHEZ submersible pump.

2. IMPORTANT SAFETY INFORMATION

Please read and understand all safety warnings and instructions before operating the pump. Failure to do so may result in electric shock, fire, serious injury, or property damage.

- Always disconnect the pump from the power source before performing any maintenance or cleaning.
- Ensure the power supply matches the voltage rating specified on the pump's label.
- Do not operate the pump with a damaged cord or plug.
- This pump is designed for water. Do not use it for flammable or corrosive liquids.
- Ensure proper grounding to prevent electric shock.
- Do not run the pump dry. Continuous dry running can cause severe damage to the motor and seals.
- The maximum water temperature for operation is 95°F (35°C).
- Keep children and pets away from the pump during operation.



Image: Max water temperature 95°F.

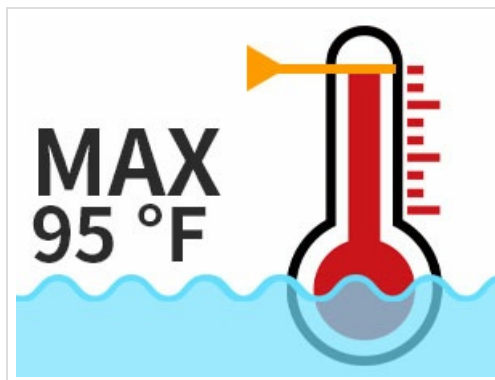


Image: Avoid dry running.

3. PRODUCT OVERVIEW

The LANCHEZ 1.6 HP Submersible Water Pump is engineered for high performance and durability. It features a full stainless steel casing, a robust motor, and an automatic float switch for convenient operation.



Image: Main components of the LANCHEZ submersible pump.

Key Features:

- **High Performance:** 1.6 HP motor with Max. Flow 5500 GPH and Max. Head 30 ft.
- **Durable Construction:** Full stainless steel casing and PA66 impeller for long service life.
- **Automatic Operation:** Integrated float switch for automatic on/off based on water level.
- **Multi-Outlet Adapter:** NPT 1-1/2" discharge with 3/4" NPT garden hose adapter, 1-1/2" NPT elbow adapter, and multi-hose adapter.

- **Overload Protection:** Built-in automatic thermal overload protection prevents motor damage.
- **Low Noise Operation:** Designed for quiet performance.
- **Portable Design:** Top handle for easy transport.

Powerful Motors



Overload Protection



Longer Life



Low Noise

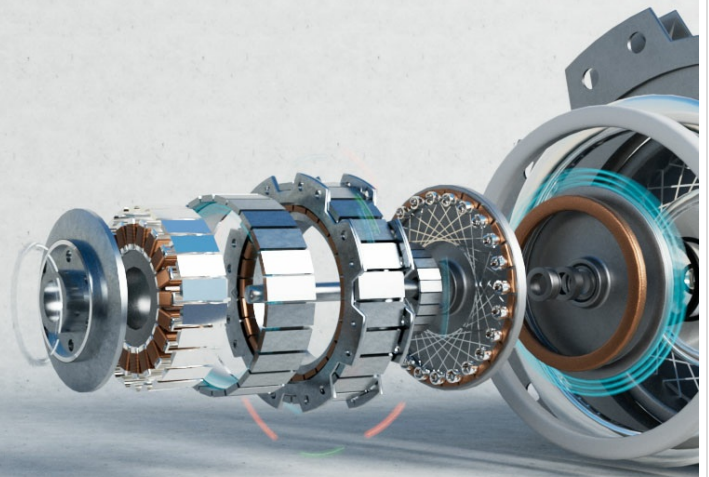


Image: Internal view highlighting motor features.

Overheating Protection

When the pump is operating at a certain high temperature, it will automatically stop and restart when it has cooled down sufficiently

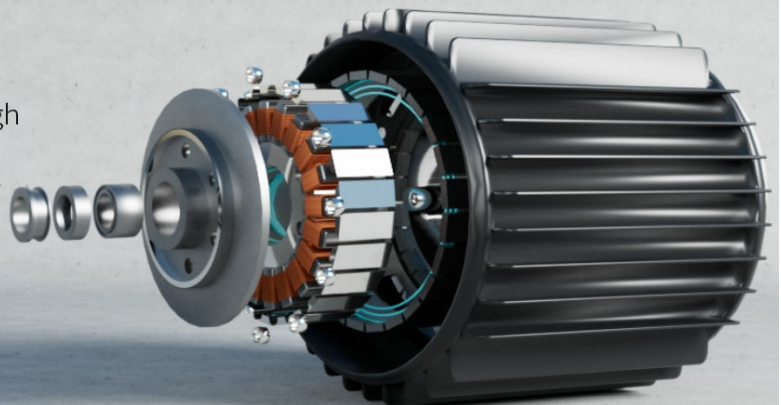


Image: Overheating protection mechanism.

4. SETUP AND INSTALLATION

Unpacking:

- Carefully remove the pump and all accessories from the packaging.
- Inspect for any shipping damage. If damaged, do not operate and contact customer support.
- Retain packaging for future storage or transport.

Connecting Hoses:

The pump comes with various adapters to fit different hose sizes. Select the appropriate adapter for your application and securely attach it to the NPT 1-1/2" discharge outlet. Ensure all connections are tight to prevent leaks.

HOSE ADAPTER COUPLING

Cut to different sizes to fit a wide range of hoses



Image: Hose adapter coupling options.

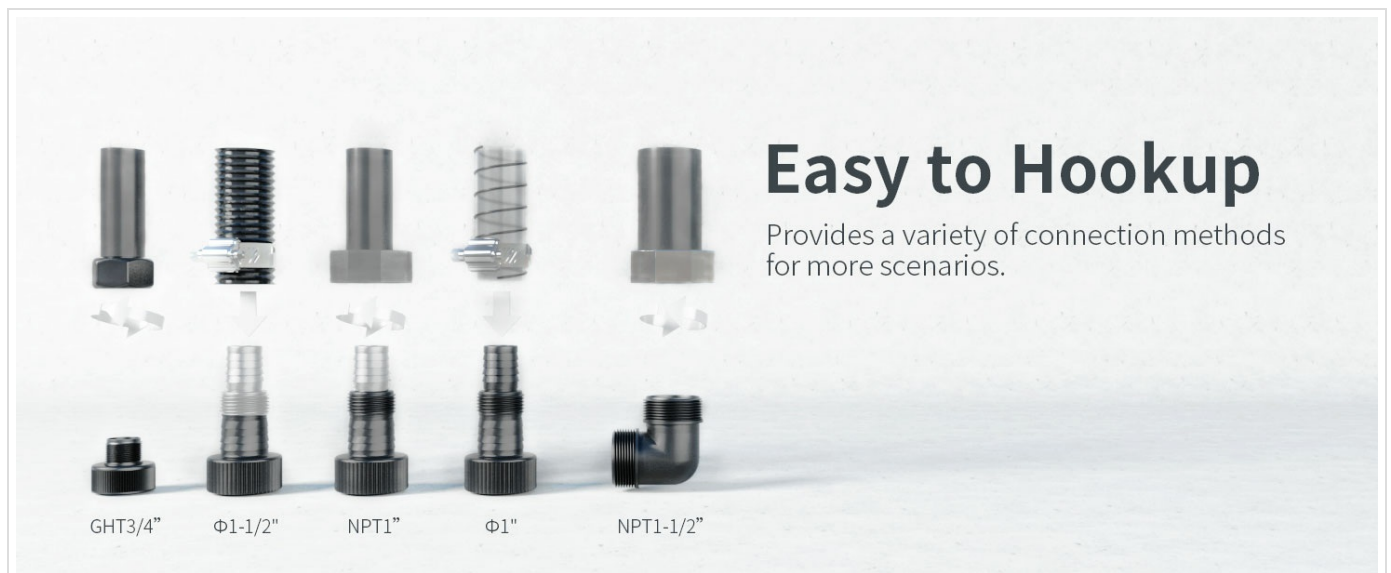


Image: Easy to hook up with various connection methods.

Placement:

Place the pump on a level and solid foundation in the area to be drained. Ensure the exhaust hole is not blocked by debris. Do not move the pump by pulling the power cord.

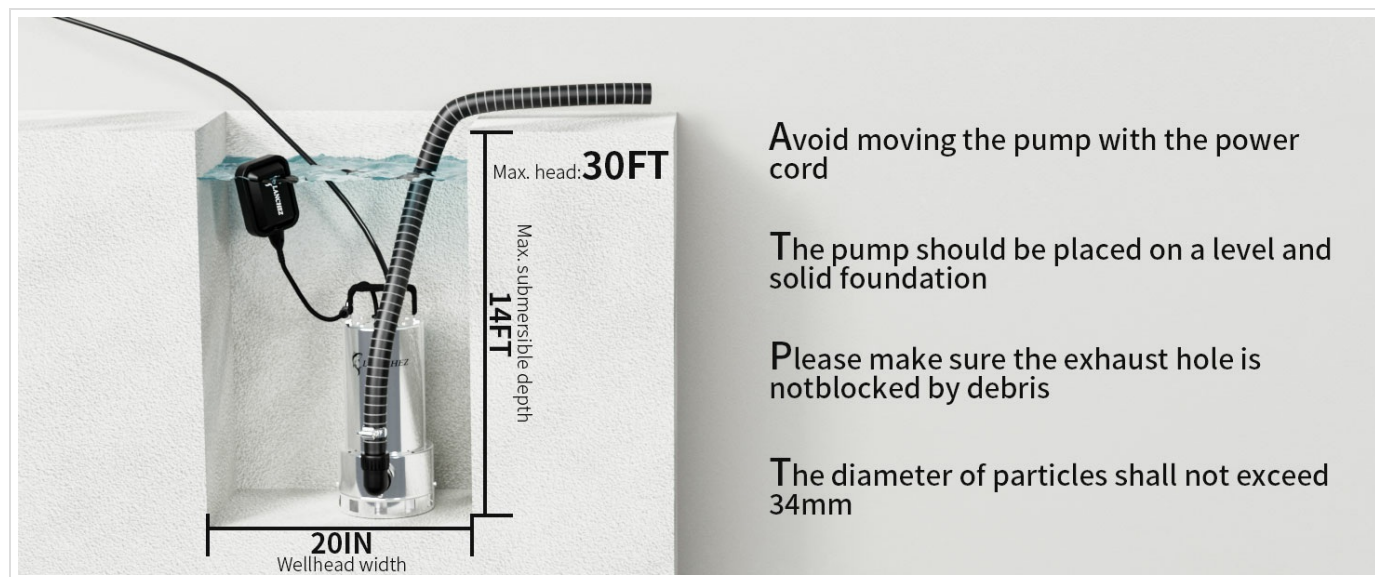


Image: Pump placement guidelines and specifications.

5. OPERATING INSTRUCTIONS

Automatic Operation (Float Switch):

The pump is equipped with a float switch that automatically turns the pump on and off based on the water level. The pump starts running when the float switch is at approximately 45 degrees (minimum starting water level 5.3 inches) and stops when the water level drops and the float switch faces down.

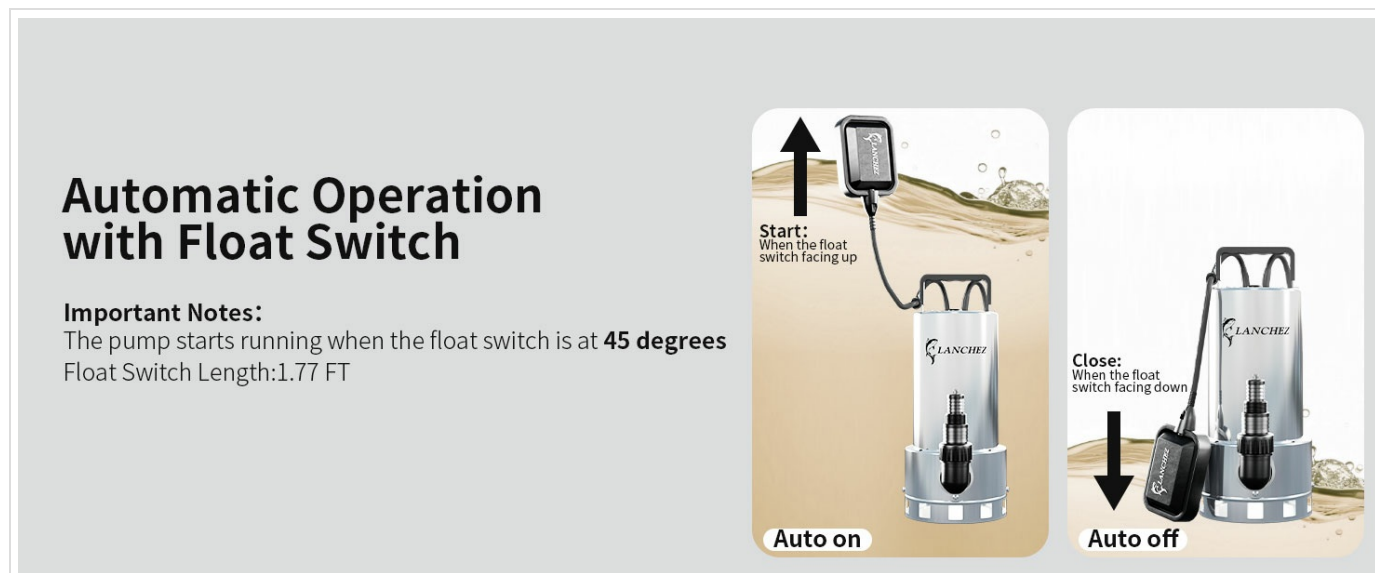


Image: Automatic operation with float switch.

Manual Operation (Low Water Level):

For very low water levels, you can keep the float switch upright to allow for continuous manual operation until the desired water level is reached. Always monitor the pump during manual operation to prevent dry running.

Initial Start-up Tip:

Before using the pump for the first time, submerge it into the water at an inclined angle. This helps to remove any trapped air, ensuring proper priming and efficient operation.



Image: Pump in operation, demonstrating high flow.

6. MAINTENANCE

Regular Cleaning:

- Periodically inspect the pump's intake screen for debris. Clean as necessary to maintain optimal flow.
- Rinse the pump with clean water after each use, especially if used in dirty or sewage environments.
- Check the power cord for any signs of damage or wear.

Storage:

- Before storing, ensure the pump is thoroughly cleaned and dry.
- Store the pump in a dry, frost-free location.

- Coil the power cord neatly to prevent kinks or damage.

7. TROUBLESHOOTING

If you encounter issues with your LANCHEZ water pump, refer to the table below for common problems and solutions. For more detailed troubleshooting, please refer to the official [Troubleshooting Guide \(PDF\)](#).

Problem	Possible Cause	Solution
Pump does not start	No power; Float switch not activated; Thermal overload activated; Clogged impeller	Check power supply/outlet; Ensure float switch is free to move and activated; Allow pump to cool down; Clear any debris from impeller.
Low flow or no water discharge	Hose kinked or blocked; Impeller clogged; Air lock; Insufficient water level	Straighten hose/clear blockage; Clean impeller; Submerge pump at an angle to release air; Ensure adequate water level.
Pump runs continuously	Float switch stuck in 'on' position; Water level not dropping below 'off' point	Check float switch for obstructions; Ensure float switch can drop freely to 'off' position.
Pump stops unexpectedly	Thermal overload activated; Power interruption; Impeller jammed	Allow pump to cool; Check power connection; Clear impeller of debris.

8. TECHNICAL SPECIFICATIONS

Detailed specifications for the LANCHEZ 1.6 HP Stainless Steel Submersible Water Pump.

Specification	Value
Brand	LANCHEZ
Model Number	Q1100B56-L
Style	Auto 1.6 HP Stainless Steel
Material	Stainless Steel
Power Source	Corded Electric
Wattage	1100 watts
Voltage	115 Volts (AC)
Maximum Flow Rate	5500 GPH (91.7 Gallons Per Minute)
Maximum Lifting Height	30 Feet
Product Dimensions	6.02"L x 6.02"W x 13.94"H
Item Weight	15.01 pounds
Max Water Temperature	95°F (35°C)
Discharge Outlet	NPT 1-1/2"



PRODUCT PARAMETER



**IPX8
Safety Design**



Low Noise



Weight: 13.66LB



Overload Protection

Image: Product parameters.

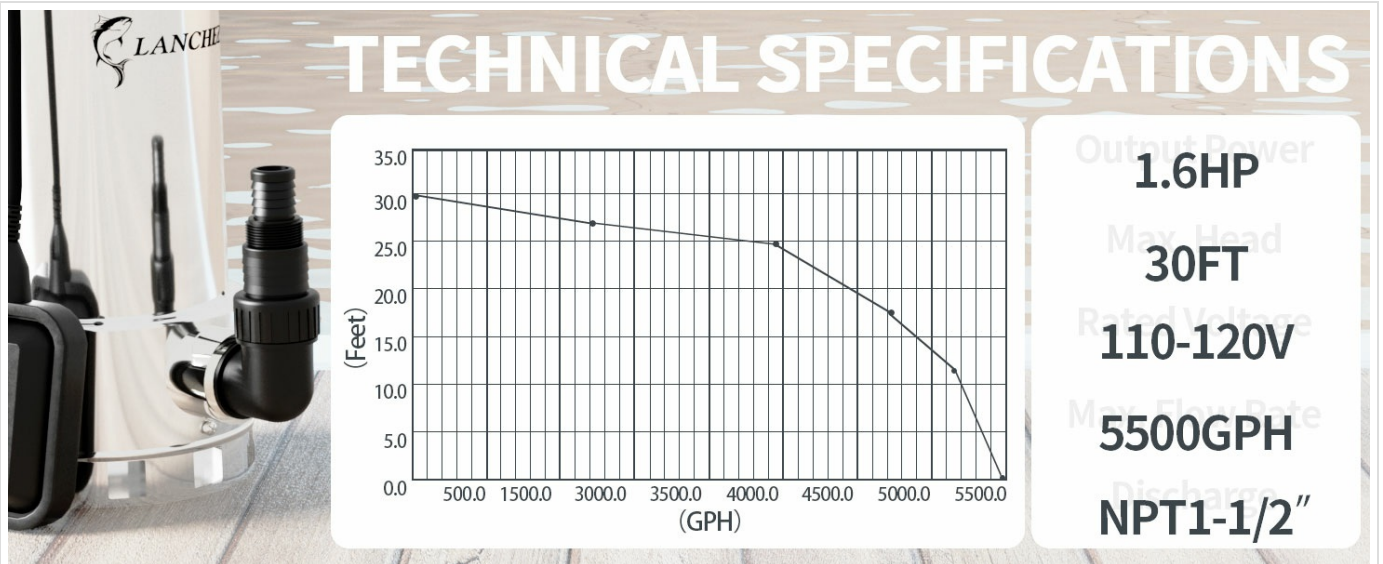


Image: Pump performance curve.



PRODUCT SIZE	LOAD CURRENT
7.36*6.57*14.52IN	7.14--7.9A
FREQUENCY	WEIGHTS
60HZ	16.6LBS
POWER	MAX DIVING DEPTH
1100W	14FT
MAX WATER TEMPERATURE	IMPELLER MATERIAL
95°F	PA66 GF30

INCLUDES CONNECTORS WIDTH(9.45IN)

Image: Additional technical details.

9. WARRANTY AND CUSTOMER SUPPORT

LANCHEZ provides 3-year technical support and professional assistance for this product. If you have any questions, concerns, or require assistance, please do not hesitate to contact our Service Team. We are committed to providing support within 24 hours.

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

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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