

VIVOHOME VH1163-230V

VIVOHOME 2.5HP Dual Voltage Pool Pump Instruction Manual

Model: VH1163-230V | Brand: VIVOHOME

1. IMPORTANT SAFETY INFORMATION

Please read and understand all instructions before installing or operating this pump. Failure to follow these instructions could result in serious injury or death.

- Always disconnect power before servicing the pump.
- Ensure proper grounding to prevent electrical shock.
- Do not operate the pump dry. Always fill the pump with water before turning it on to prevent motor overheating and damage.
- This pump is designed for use with swimming pools, hot tubs, thermal springs, spas, and irrigation systems. It should NOT be used with storable pools.
- Keep children away from the pump and pool area during operation.
- Ensure all connections are secure and watertight to prevent leaks.

2. PRODUCT OVERVIEW

The VIVOHOME 2.5HP Dual Voltage Pool Pump features an advanced impeller design for maximum flow and minimal noise. Its copper wire motor ensures efficient, stable, and safe operation with an extended service life. The pump is constructed with commercial-grade reinforced thermoplastic for superior strength and durability, resisting corrosion and high-temperature liquids. It is IP55 waterproof and DOE certified for safety and energy saving.



Figure 1: VIVOHOME 2.5HP Dual Voltage Pool Pump and included accessories.

Dual Volt In/Above Ground Swimming Pool Pump

Keep Pool Cool and Clean



2.5 HP

115V-230V/60Hz

Figure 2: The 2.5 HP Dual Voltage Pool Pump designed for in-ground and above-ground swimming pools.

3. SETUP AND INSTALLATION

Follow these steps for proper installation of your VIVOHOME Pool Pump:

3.1 Choosing a Location

- Place the pump on a firm, level surface as close to the pool as possible.
- Ensure adequate ventilation around the pump motor.
- Protect the pump from direct sunlight and harsh weather conditions.

3.2 Electrical Connection

This pump features dual voltage capability (115V/230V). Ensure the voltage switch on the motor is set correctly for your power supply before plugging in the pump.

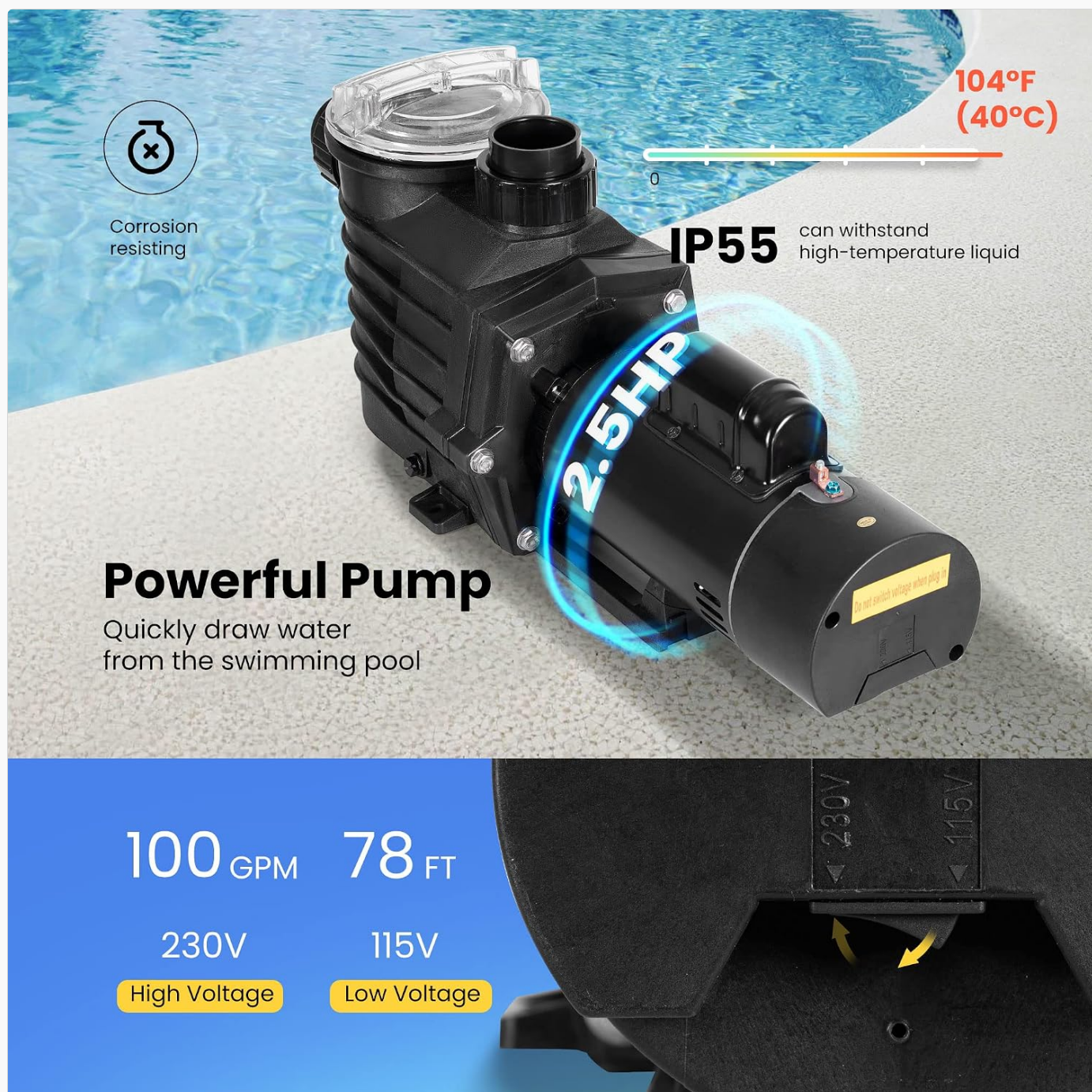


Figure 3: Location of the dual voltage switch (115V/230V) on the pump motor.

3.3 Plumbing Connections

The pump includes 1.5-inch and 2-inch connectors for versatile installation. Use appropriate PVC hoses and secure them with clamps for a watertight seal.

High Compatibility

Various adapters are available

2 connector

x2



1.5 Inch

x2



2 Inch



Normal Hose



Threaded Hose

Easy Operation

Outlet & inlet three options, which are applicable to the broad needs of customers

Figure 4: Included 1.5-inch and 2-inch connectors for high compatibility with various pipe types.

For a detailed visual guide on installation, please refer to the official VIVOHOME installation video:

Your browser does not support the video tag.

Video 1: How to install VIVOHOME pool pump. This video provides a step-by-step guide for connecting the pump to your pool system.

4. OPERATING INSTRUCTIONS

4.1 Priming the Pump

Before initial startup, or after the pump has been drained, it is essential to prime the pump. Remove the strainer lid, fill the basket with water until it overflows, then replace the lid securely. This ensures the pump operates with water and prevents dry running.

Your browser does not support the video tag.

Video 2: VIVOHOME dual volt swimming pool pump for cool summer. This video demonstrates the pump's operation and features, including the priming process.

4.2 Daily Operation

Once primed, turn on the pump. The pump will begin circulating water, filtering debris and maintaining water clarity. Monitor the flow and noise levels to ensure optimal performance.

5. MAINTENANCE

5.1 Cleaning the Strainer Basket

The extra-large filter basket is detachable for easy cleaning. The see-through lid allows for clear internal viewing, so you can observe the filtering process and know when to clean the basket.



Figure 5: The transparent lid and removable strainer basket for easy cleaning of collected debris.

5.2 Winterization

Before winter, drain the pump completely using the two drain plugs located at the bottom. This prevents freezing and potential damage to the pump components.

Ideal Choice
Enjoy clean water in your swimming pool

Outdoor Pools Villa Pools Inflatable Pools

Fast working

Low noise

Drain Plug x2

Drain the excess water after use

Figure 6: Location of the two drain plugs for complete water drainage.

5.3 Motor Shaft Replacement Guide

For advanced maintenance, such as replacing the motor shaft, refer to the following video. This procedure should only be attempted by individuals with appropriate technical knowledge and tools.

Your browser does not support the video tag.

Video 3: A Step-by-Step Guide to Replacing Your Motor Shaft by Hand. This video details the process of replacing the motor shaft.

6. TROUBLESHOOTING

If you encounter issues with your pump, please refer to the [Troubleshooting Guide \(PDF\)](#) for detailed solutions. Below are some common issues and general advice:

6.1 Pump Not Priming / Low Flow

- Ensure the strainer basket is full of water before starting.
- Check for air leaks in the suction line or around the strainer lid.
- Verify that the water level in the pool is adequate.
- Clean the strainer basket if it's clogged with debris.

6.2 Pump Not Starting

- Check the power supply and ensure the pump is properly plugged in.
- Verify the voltage switch on the motor is set correctly (115V or 230V).
- Check for tripped circuit breakers or blown fuses.
- The built-in automatic thermal overload protector may have activated due to overheating. Allow the pump to cool down before attempting to restart.

7. SPECIFICATIONS

Specification	Value
Brand	VIVOHOME
Model Number	VH1163-230V
Style	2.5 HP Dual Voltage
Product Dimensions	27"L x 9"W x 12"H
Item Weight	46.3 Pounds
Power Source	AC
Voltage	230 Volts (Dual Voltage: 115V/230V)
Maximum Flow Rate	100 Gallons Per Minute
Maximum Lifting Height	78 Feet
Material	PP plastic, stainless iron
Waterproof Rating	IP55

Product Specification



Package Dimensions:
30.7*11.4*14.1 inches

Package Weight: 48.5 lbs

Figure 7: Product dimensions and package details.

8. WARRANTY AND SUPPORT

For any product inquiries, technical support, or warranty claims, please contact VIVOHOME customer service. Refer to your purchase documentation for specific warranty terms and contact information.

Additional resources, including a troubleshooting guide, can be found on the product's Amazon page or the official VIVOHOME website.

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

What is the part number for the O-ring on the VIVOHOME 2.5 HP Dual Voltage Pool Pump (VH1163-230V) and where can I buy it?

The instruction manual for the VIVOHOME 2.5HP Dual Voltage Pool Pump (Model VH1163-230V) does not list a specific universal part number or dimensions for the strainer cover O-ring. However, it provides the following guidance...

[Read full answer](#)