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> VIVOHOME 1.5HP Dual Speed Pool Pump with Wireless Remote Control (Model VH1895) Instruction Manual

VIVOHOME VH1895

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INTRODUCTION

This manual provides essential instructions for the safe and efficient installation, operation, and maintenance of your VIVOHOME 1.5HP Dual Speed Pool Pump with Wireless Remote Control, Model VH1895. Please read this manual thoroughly before use and retain it for future reference.



Figure 1: Built for Durability. This image emphasizes the pump's robust construction, designed to resist harsh saltwater, heat, and chemicals, ensuring a longer lifespan.

SAFETY INFORMATION

Important Safety Instructions:

- Always disconnect power to the pump before performing any maintenance or service.
- Ensure the pump is installed by a qualified professional in accordance with all local and national electrical and plumbing codes.
- Before starting the pump, ensure the strainer pot and volute are completely filled with water to the inlet port. **NEVER**

RUN THE PUMP DRY, as this will cause severe damage to the mechanical seal and impellers, voiding the warranty.

- Keep children and pets away from the pump and pool area during operation.
- Do not operate the pump if any part is damaged or if the power cord is frayed.
- This pump is designed for use with swimming pools and is compatible with saltwater systems.

PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- VIVOHOME 1.5HP Dual Speed Pool Pump (x1)
- Wireless Remote Control (x1)
- User Manual (x1)
- Sealing Tape (PTFE) (x1 roll)
- 1.5" NPT Fittings (x2)
- 1.5" Adapters for PVC Pipe (OD 48.26mm) (x2)
- 2" Adapters for PVC Pipe (OD 60.32mm) (x2)
- 1.25-1.5" Adapters for PVC Hose (x2)



Figure 2: Included Components. The image displays the VIVOHOME pool pump, its wireless remote, sealing tape, and a variety of fittings for different pipe and hose sizes, including 1.5" NPT, 1.5" PVC pipe, 2" PVC pipe, and 1.25-1.5" PVC hose adapters.

SETUP AND INSTALLATION

1. **Placement:** Position the pump on a solid, level surface as close to the pool as possible to minimize friction loss. Ensure adequate ventilation and protection from direct sunlight and harsh weather.
2. **Plumbing Connections:**
 - Use the appropriate fittings (1.5" NPT, 1.5" PVC pipe, 2" PVC pipe, or 1.25-1.5" PVC hose adapters) for your pool's plumbing system.
 - Apply PTFE (Teflon) tape to all threaded connections to ensure an airtight seal. This is crucial for proper self-priming.



Figure 3: Sealing Threads with PTFE Tape. This image illustrates the application of PTFE tape to threaded pipe connections to create an airtight seal, which is essential for the pump's self-priming function.

3. **Electrical Connection:** Connect the pump to a grounded electrical outlet. Ensure the voltage matches the pump's requirements (115V for this model). The pump comes with a UL-listed cord and is DOE compliant.

4. **Priming the Pump (Before First Use and After Maintenance):**

- Disconnect power to the pump.
- Remove the transparent lid of the strainer basket.
- Fill the strainer pot and volute completely with water until the water level reaches the inlet port.
- Replace and secure the transparent lid.
- Turn on the pump. Allow 2-10 minutes for the pump to self-prime, especially for in-ground pools. The pump will begin to move water once primed.
- **WARNING: Do not run the pump dry. Running dry will damage the mechanical seal and impellers.**



Figure 4: Before Starting. This image visually guides the user to first fill the pump with water up to the inlet port and then start the pump, allowing 2-10 minutes for self-priming.

5. **Pump Selection Guidance:** For optimal performance, ensure your pump's horsepower and flow rate are appropriate for your pool's size and type. Refer to the following general guidelines.

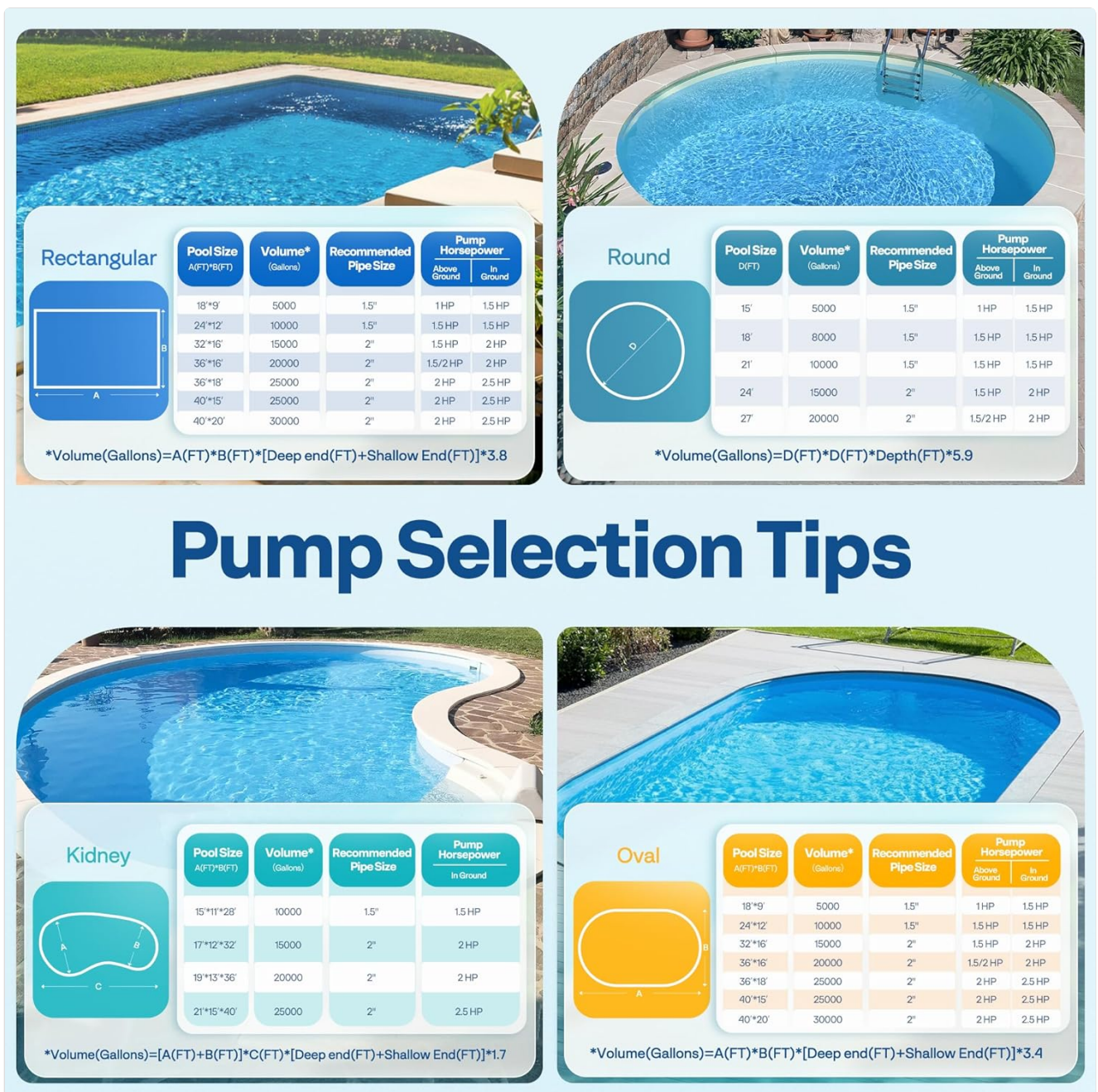


Figure 5: Pump Selection Tips. This image presents charts for various pool shapes (rectangular, round, kidney, oval) with recommended pump horsepower and pipe sizes based on pool dimensions and volume.

OPERATING INSTRUCTIONS

Your VIVOHOME pool pump features dual-speed operation and can be controlled via a wireless remote.

Wireless Remote Control

The wireless remote control allows you to manage pump settings from up to 197 feet away, even through walls. The remote displays current settings and alerts.



Figure 6: Remote Control Display. The remote's screen provides real-time information including cycle mode time, manual mode time, remote/pump status, system time, and current speed setting.

Cycle Mode (Programmed Operation)

The pump can be programmed with up to 4 time segments, each with selectable high or low speed settings. This allows for automated operation tailored to your pool's needs.

- **High Speed (6,024 GPH):** Ideal for powerful cleaning and rapid water circulation.
- **Low Speed (3,648 GPH):** Suitable for quiet circulation and energy saving, reducing energy consumption by up to 66%.

Refer to the remote control's interface for setting start times, end times, and desired speeds for each of the four segments.



Figure 7: Cycle Mode Settings. This diagram shows how to set up four customizable time segments, alternating between high speed for cleaning and low speed for energy-saving circulation.

Manual Mode (Temporary Operation)

For situations requiring a temporary boost or specific operation outside of the programmed cycle, use the manual timer. You can set the pump to run for 1 minute to 24 hours at a chosen speed. After the manual timer concludes, the pump will automatically revert to its programmed cycle mode.



Figure 8: Manual Timer. The image demonstrates how to activate the manual timer on the remote, allowing for temporary pump operation from 1 minute to 24 hours, after which it returns to the scheduled cycle.

MAINTENANCE

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

Strainer Basket Cleaning

The extra-large strainer basket collects leaves and debris, preventing clogs and maintaining strong water flow. Periodically check the basket through the transparent lid and clean as needed.



Figure 9: Strong Filtration. This image visually demonstrates how the pump's filtration system effectively traps various debris like branches, leaves, gravel, hair, and grit, preventing clogs.

1. Disconnect power to the pump.
2. Twist and remove the transparent lid.
3. Remove the strainer basket and empty any collected debris.
4. Rinse the basket thoroughly with water.
5. Inspect the O-ring on the lid for damage and ensure it is clean and properly seated.
6. Replace the basket and secure the lid tightly.
7. Re-prime the pump if necessary (refer to "Priming the Pump" in Setup section).



Figure 10: Extra-Large Filter Basket. This image highlights the pump's large strainer basket, designed to capture significant amounts of debris and maintain efficient water flow.



Figure 11: Transparent Lid and Drain Plug. The transparent lid allows for quick visual inspection of the strainer basket, while the bottom drain plug facilitates easy and complete water evacuation.

Winterization (if applicable)

If you live in an area with freezing temperatures, proper winterization of your pool pump is essential to prevent damage. Consult a pool professional for specific winterization procedures for your setup.

- Disconnect power to the pump.
- Drain all water from the pump by opening the drain plug.
- Store the pump in a dry, protected area if possible, or cover it securely to protect it from the elements.

TROUBLESHOOTING

The wireless remote control provides self-diagnostic alerts to help identify common issues.

Know Before You Call

Self-diagnostic alerts

Stalled

- Impeller jammed/
Water in motor
- Clean/ replace parts



Voltage error

- Incorrect wiring/
unstable voltage
- Check power source

Figure 12: Self-Diagnostic Alerts. The remote control displays warnings for issues such as a stalled pump (impeller jammed, water in motor) or a voltage error (incorrect wiring, unstable voltage).

Problem	Possible Cause	Solution
Pump does not start or runs dry.	No water in pump, air leak in suction line, clogged impeller.	Ensure pump is filled with water. Check all connections for airtight seal. Clean strainer basket and impeller.
Remote displays "Stalled" alert.	Impeller jammed, debris in pump, water in motor.	Disconnect power. Inspect and clean impeller. Check for water ingress in motor.
Remote displays "Voltage Error" alert.	Incorrect wiring, unstable voltage, power supply issue.	Verify electrical connections and voltage supply. Consult a qualified electrician if necessary.
Reduced water flow.	Clogged strainer basket, dirty filter, air in system.	Clean strainer basket. Backwash or clean pool filter. Check for air leaks in suction line.
Pump is noisy.	Air leak, cavitation, worn bearings, debris in impeller.	Check for air leaks. Ensure proper water level. Inspect impeller for debris. If noise persists, contact support.

SPECIFICATIONS (MODEL VH1895)

Feature	Detail
Brand	VIVOHOME
Model Number	VH1895
Horsepower	1.5 HP (High Speed) / 0.5 HP (Low Speed)
Voltage	115V, 60Hz
Maximum Flow Rate	High Speed: 6,024 GPH (100.4 GPM) Low Speed: 3,648 GPH
Maximum Head	High Speed: 49.2 ft Low Speed: 13.1 ft
Current	9.5A (High Speed) / 3.5A (Low Speed)

Feature	Detail
Material	Stainless Steel, Thermoplastic
Product Dimensions (L x W x H)	58.2L x 22.4W x 28.2H Centimetres (22.9"L x 8.8"W x 11.1"H approx.)
Item Weight	13.02 kg (28.7 lbs)
Max Water Temperature	122°F
Protection Rating	IPX5
Self-Priming Height	6.6 ft

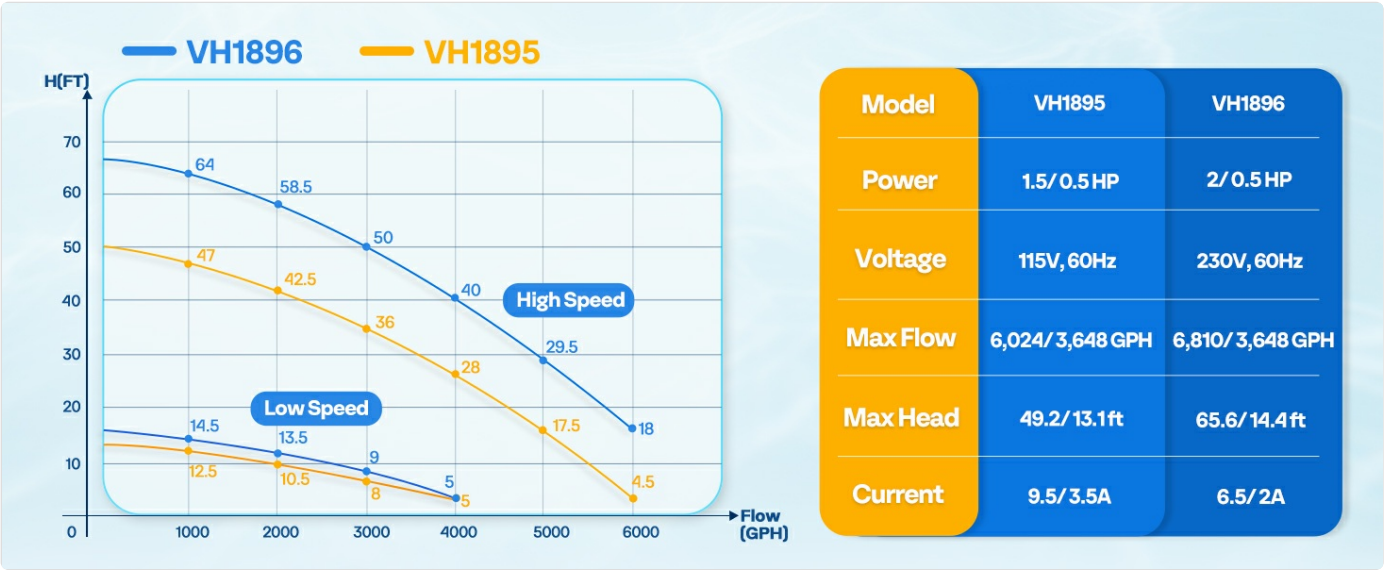


Figure 13: Pump Dimensions and Key Specifications. This image provides a visual representation of the pump's physical dimensions and lists important specifications like horsepower, max head, voltage, and max flow.



Figure 14: Performance Curve and Model Comparison. A graph illustrates the relationship between flow rate and head for both high and low speeds. A table compares key specifications for models VH1895 and VH1896, including power, voltage, max flow, max head, and current.

WARRANTY AND SUPPORT

Your VIVOHOME Pool Pump (Model VH1895) comes with a**1-year manufacturer's warranty** from the date of purchase. For technical assistance, troubleshooting beyond this manual, or warranty claims, please contact VIVOHOME customer

support. Refer to the contact information provided on the VIVOHOME website or your purchase documentation.