

VIVOHOME

THANK
YOU!

NOTE:

To continuously improve its products, VIVOHOME reserves the right to modify this information without prior notification.

For any questions regarding assembly, please watch the video on the product page or contact our customer service. Our customer service will gladly assist you with any additional questions, comments, or concerns.

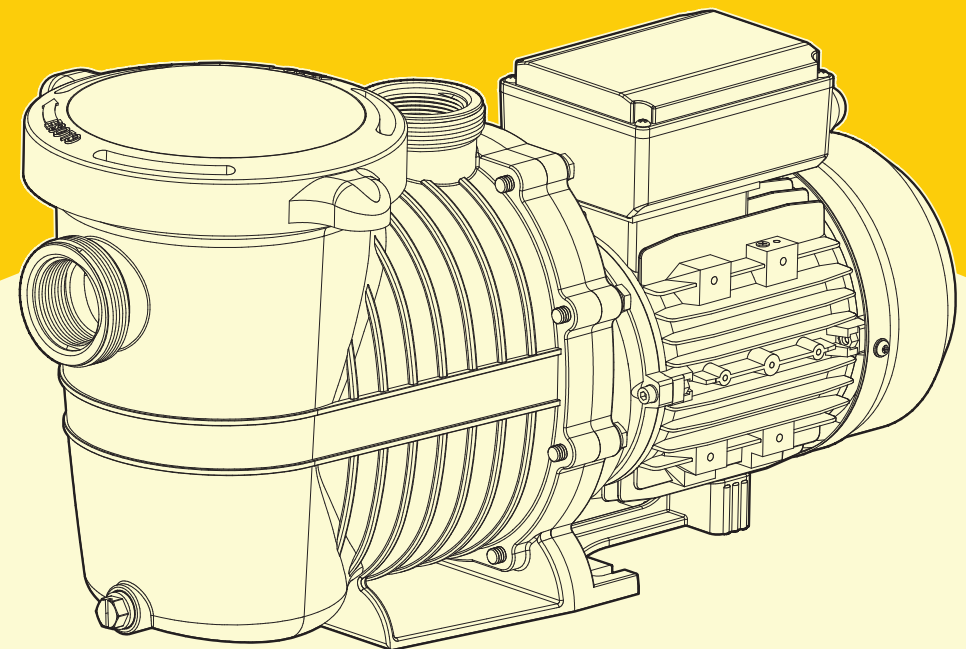
Thank you for using VIVOHOME products in your home!

Thank You for Purchasing from

VIVOHOME
Made in China

VIVOHOME

HOW-TO
USER MANUAL



**1.5 HP Variable
Speed Pool Pump**

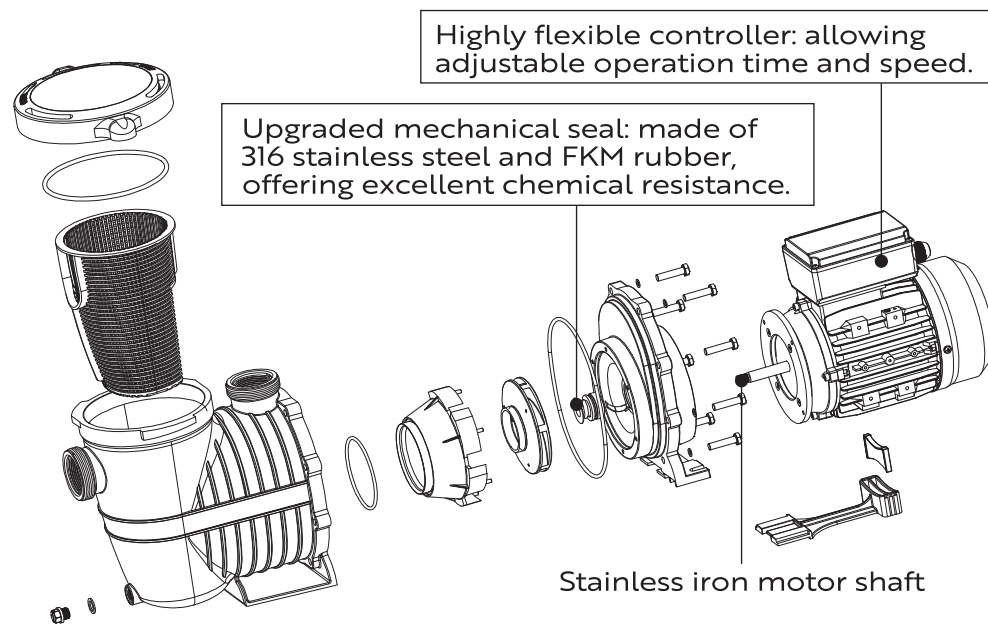
Assembly is EASY!

**WE WANT
YOU TO
ENJOY LIFE
AT HOME**

GO TO THE PRODUCT LISTING PAGE FOR
AN INSTRUCTIONAL VIDEO!

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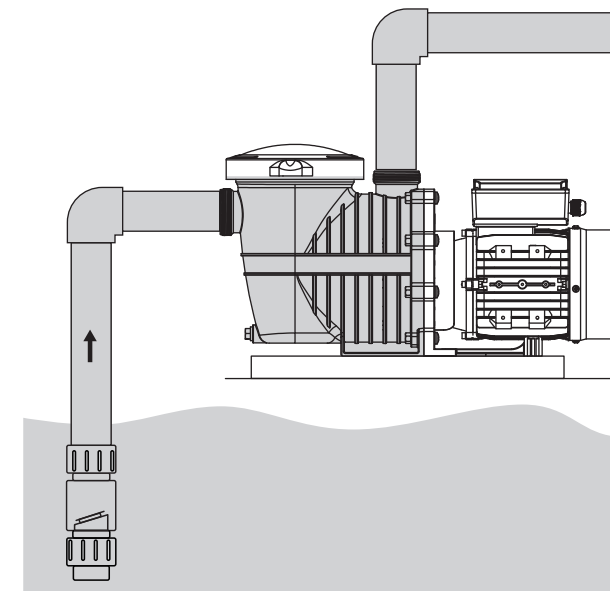


1. Check if the fitting size matches the pipe. If they do not match, please contact VIVOHOME.

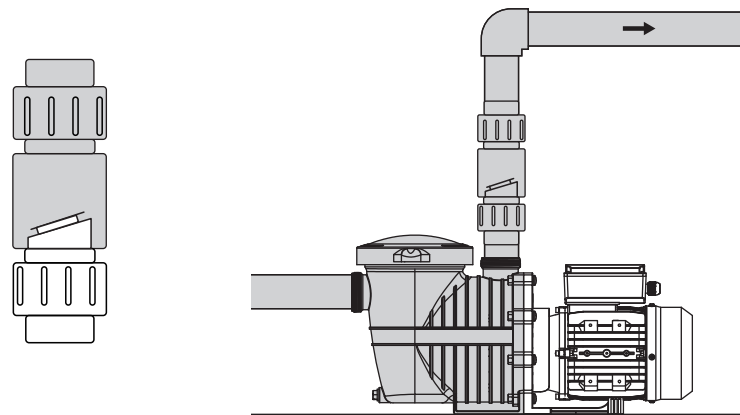
1.25"-1.5" 32mm-38mm Connect Hose	1.5" 48.26mm Connect PVC Pipe	2" 60.32mm Connect PVC Pipe

2. Check if the power supply voltage matches the product's voltage of 115V.
3. Startup Test: Fill the pump with water and connect the power. Test if the pump starts normally. If it does not start, please contact VIVOHOME.

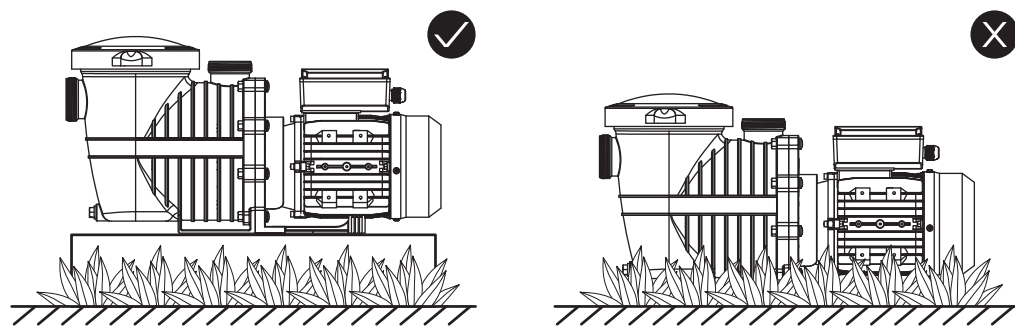
1. The pool pump should be installed as close to the pool and water level as possible to reduce the length of bends and pipes, minimizing suction loss and shortening the pumping time.
2. Do not place the pump directly on soil, grass, or soft ground to avoid moisture buildup or water accumulation affecting operation. Install the pump in a dry area, away from rain, standing water, or flooding. If installed in a low-lying area, consider adding drainage channels or elevating the base to prevent water damage.
3. Keep the pump within a distance of 1-3 meters (3-10 feet) from the pool to ensure proper pipe length, reduce pipe resistance, and improve pump efficiency.
4. Install the Check Valve (please choose the installation location based on the specific scenario and needs).
 - 1) Install a check valve at the inlet end of the pipe. When the pump is located far from the pool, installing a check valve can prevent water from flowing out of the pump, shorten the self-priming time, and prevent dry running, which could cause damage to the mechanical seal.



2) Install a check valve at the pump's outlet to prevent water from flowing back into the pump, which could damage the impeller, or prevent corrosive liquids from flowing back into the pump and causing damage to key components due to corrosion.



5. The pump should be installed on a sturdy, level concrete floor. (Do not install it on grass to prevent excessive moisture or water accumulation on rainy days, which may cause the bearings to rust.)

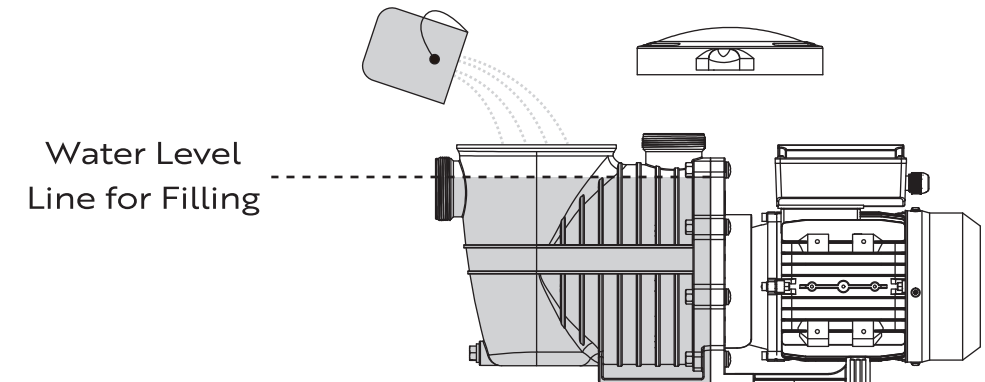


6. When connecting PVC pipes, ensure that the areas to be bonded (including joints, fittings, etc.) are clean and dry. Use a dedicated cleaning agent or acetone to clean the surfaces of the pipes and fittings. The cut ends of the PVC pipes should be straight to ensure a secure connection and prevent leakage.

SECTION D Priming



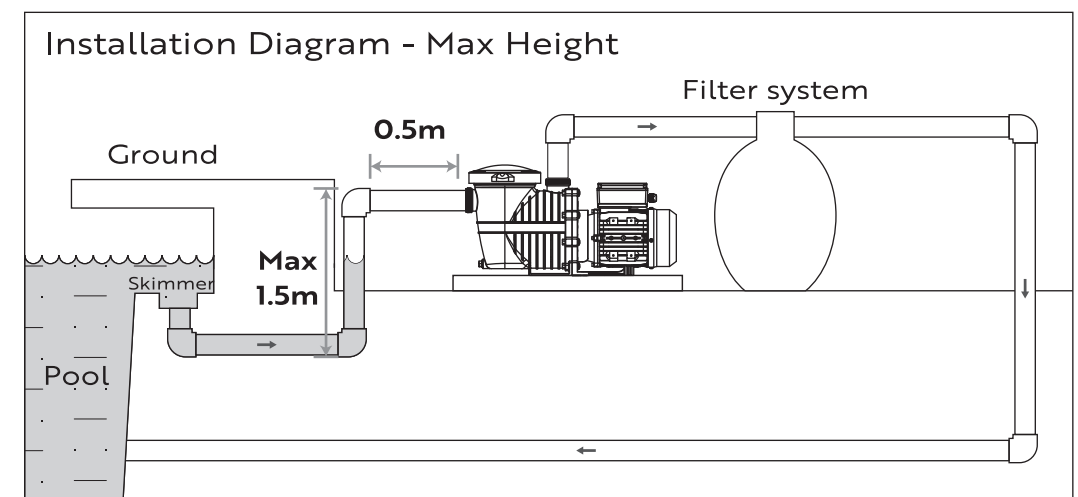
1. Before starting the pump, fill water into the suction pipe position of the filter housing and tighten the lid.



2. Check if all valves on the suction and discharge pipes are fully open.
3. Ensure that the entire system is airtight.
4. After turning on the power, it may take a few minutes for the system to expel air and fill with water. Please be patient.

Tip: Priming may require multiple attempts, especially when the suction pipe has a long vertical or horizontal distance.

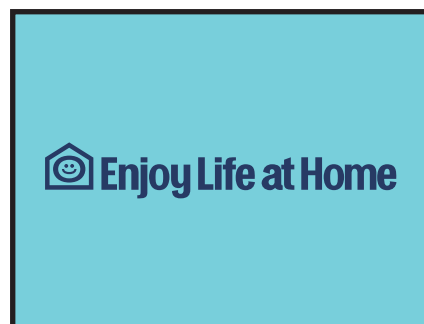
5. As the horizontal pipeline increases, the self suction height will decrease.



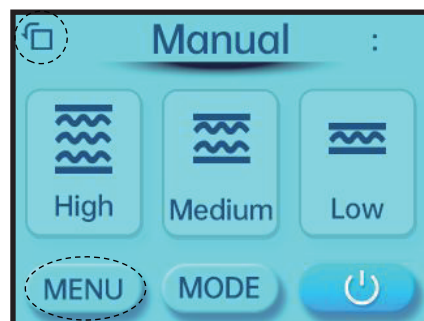


Open the cover of the controller and turn on the power to the pool pump. You will see a VIVOHOME screen, click anywhere on the screen to continue.

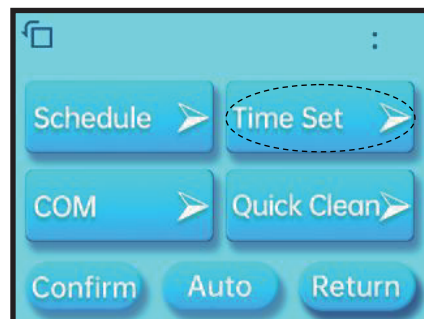
1. SET THE PUMP'S TIME SYSTEM



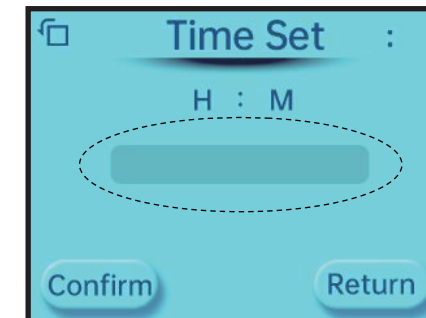
Click "MENU" to menu page. (Tip: the screen can be rotated by tapping the icon on the top left corner.)



Click "Time Set" to set current time.

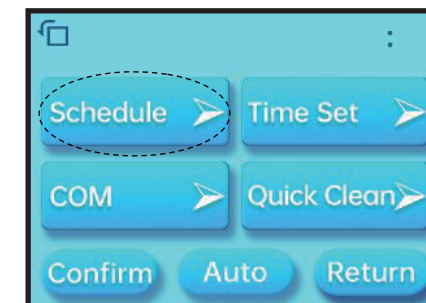


Scroll up and down to select numbers to set the time. Click "Confirm" to save the settings.

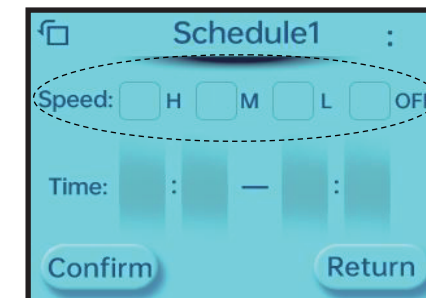


2. HOW TO RUN THE PUMP IN SCHEDULE MODE?

Click "Schedule" to set up Schedules 1, 2, and 3.

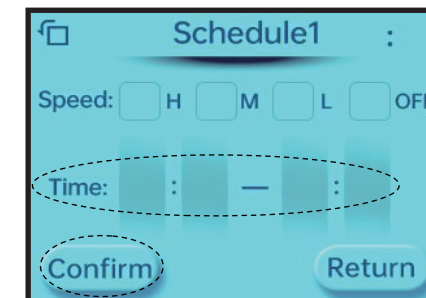


Click "H", "M", "L", or "OFF" to set the pool pump operation speed. "H" means high speed, "M" means medium speed, "L" means low speed, and "OFF" means the pump will not run during the selected time period.

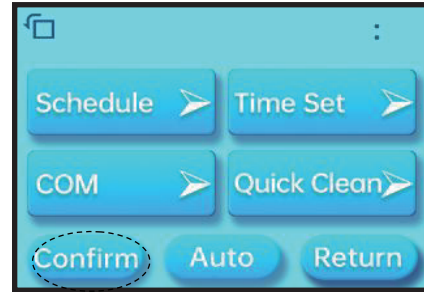


Scroll up and down to select numbers to set the start time and stop time that you would like the pump to run during this period. Click "Confirm" to save.

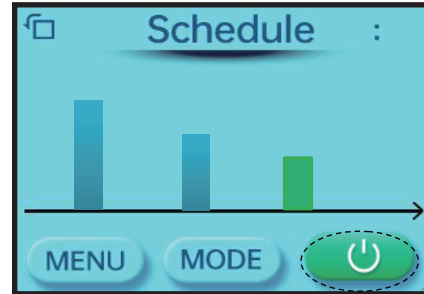
Repeat the steps above to set up Schedule 2 and Schedule 3.



Click "Confirm" to save all settings.



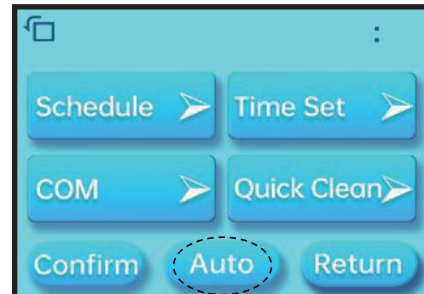
Click the power button and start the pump. The button will turn green to indicate the pump is running.



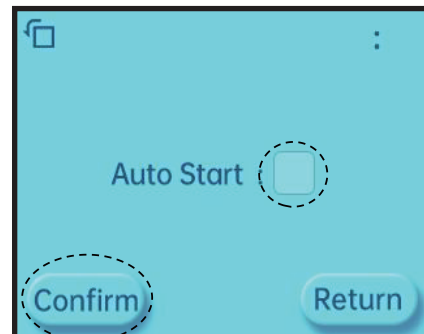
3. HOW TO SET AUTO START?

Auto Start means that the pump will automatically resume operation when the power supply is restored from a power failure situation.

Click "AUTO"

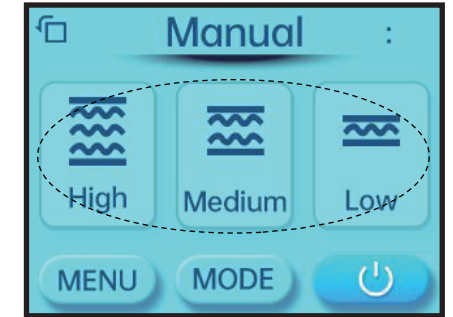


Click the square to display a ✓, then click "Confirm" to save the settings.

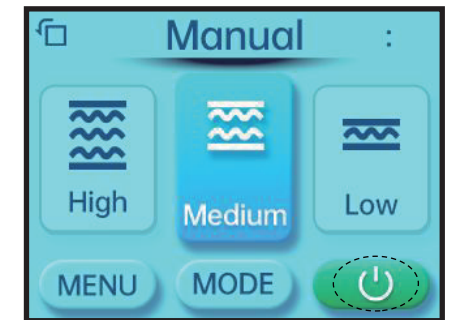
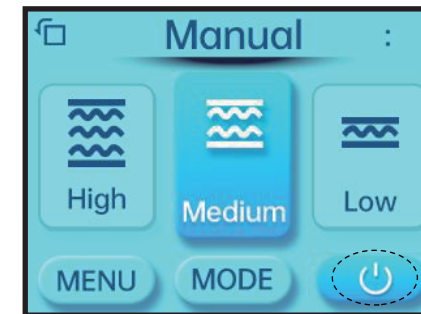


4. HOW TO RUN THE PUMP IN MANUAL MODE?

In this interface, click the "High", "Medium", or "Low" to select the operation speed.

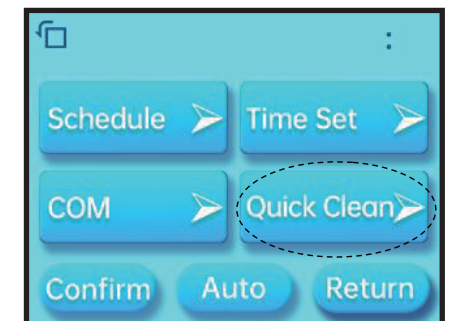


Click the power button to start pump. When pump is running, the power button will turn green. Otherwise, it stays blue.

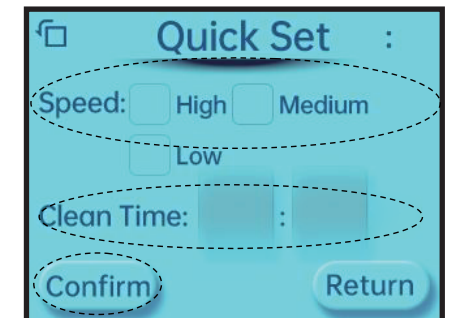


5. HOW TO RUN THE PUMP IN QUICK CLEAN MODE?

Click "QUICK CLEAN".

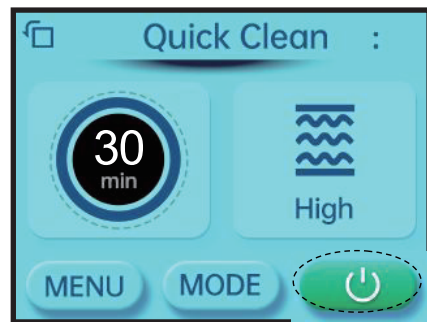
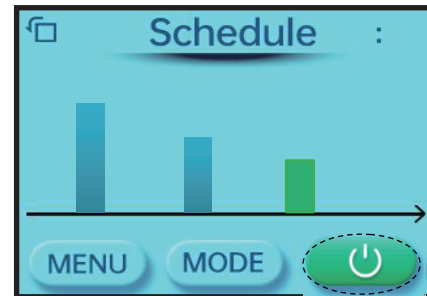
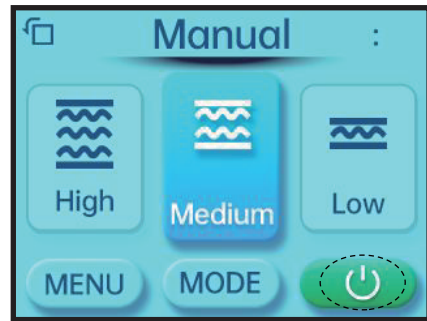


Click "High", "Medium" or "Low" to set the pump operation speed. Scroll up and down to select numbers of time. Then click "Confirm" to save.



6. HOW TO SWITCH AMONG OPERATING MODES?

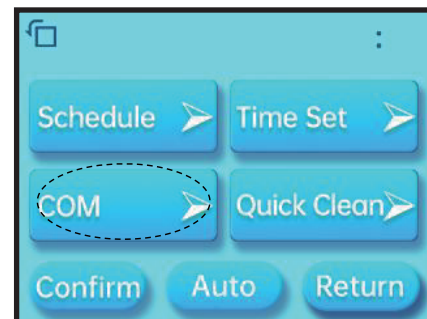
After all three modes are set, press the "MODE" button to switch among them quickly.



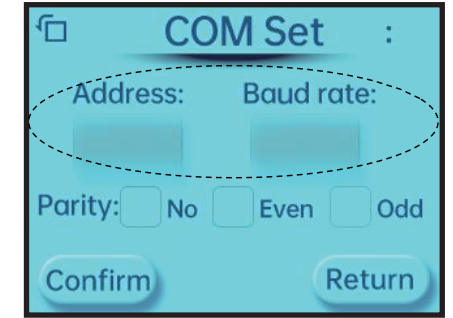
7. HOW TO SET COM?

Note: This function is for 3rd party control via RS485 Modbus, for more details, please contact VIVOHOME.

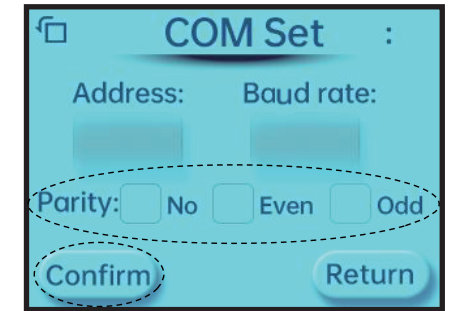
Click "COM".



Scroll up and down to select numbers to set the Address and Baud rate.

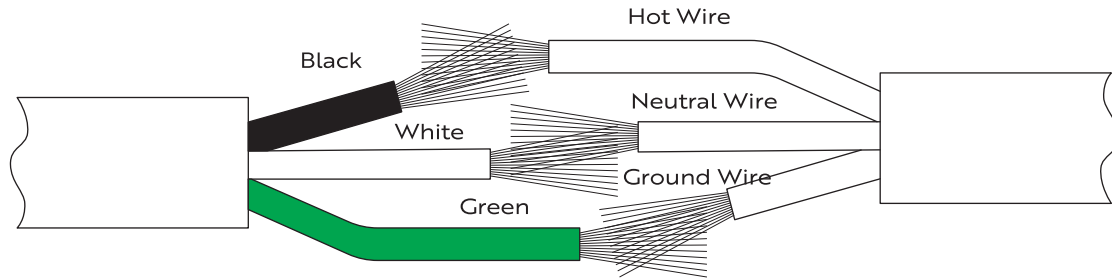


Click the square to display a ✓ to set the parity, then click "Confirm" to save the settings.



TIPS

1. Default Schedule Mode
6:00 AM - 10:00 AM: Medium Speed
10:00 AM - 8:00 PM: High Speed
8:00 PM - 6:00 AM: Low Speed
2. Manual Mode: Default to High Speed for convenient chemical mixing and temporary quick cleaning.
3. You can customize the settings according to the size of your pool.
4. Recommended Usage Scenarios for Three Flow Rates
High-Speed Mode: Short-term intensive circulation, cleaning, and chemical mixing.
Medium-Speed Mode: Daily pool filtration, water quality maintenance, and regular swimming hours.
Low-Speed Mode: Nighttime energy-saving filtration, quiet operation, extended circulation, and UV filtration.



Ensure proper insulation when wiring.



- Regularly inspect the pump's operating condition and clean debris from the filter screen.
- Ensure the pump's environment is well-ventilated to prevent motor overheating.
- Winter Antifreeze: Drain the water from the pump, reassemble the filter cover and the drain plug, and store the pump in a cool, dry place.



Trouble	Cause	Solution
Pump is leaking.	Seals are worn out.	The seal is a wear part that must be replaced occasionally, especially if the pump is used with seawater and not flushed with clean water after being drained.
Pump doesn't start.	The motor has been submerged in water, causing internal rust and resulting in the motor seizing.	Contact VIVOHOME to replace the relevant parts.
	The mechanical seal has been stored in a humid environment for a long time, causing adhesion between the rotating and stationary rings.	Disconnect the power, remove the back cover, and repeatedly rotate the fan and shaft. The friction will reduce until smooth rotation is achieved.
Pump does not prime.	Excessive suction height	Set pump at a suitable level and install a Check Valve.
	Air entry	<ol style="list-style-type: none"> 1. Make sure the lid o-ring is clean and properly positioned. 2. Remove and replace the pump seal. 3. Tighten all pipes and unions on the suction side of the pump.
	Closed valves or blocked lines	<ol style="list-style-type: none"> 1. Open all valves in the system. 2. Clean the skimmer and pump strainer basket. 3. Open the pump and check for clogging.

Trouble	Cause	Solution
Pump makes noise.	1. Motor noise 2. Defective bearings	The noise from the motor bearings can be due to normal wear, rust, overheating, or the concentration of chemicals causing seal damage. This damage may allow chlorinated water to seep into the bearings, washing out the grease and causing the bearings to whine. It's important to replace all seals with leaks at once to prevent further damage.
	The diameter of the section line is smaller than required.	Ensure that the diameter of the section line is correct.
Low flow rate	Dirty filter	Backwash the filter when the filter pressure is "high".
	Dirty skimmer basket	Clean the skimmer and pump strainer baskets.
	Air entry	1. Make sure the lid o-ring is clean and properly positioned. 2. Remove and replace the pump seal. 3. Tighten all pipes and unions on the suction side of the pump.
	Excessive suction height	Set pump at a suitable level and install a non-return device.
	The diameter of the section line is smaller than required.	Ensure that the diameter of the section line is correct.

Trouble	Cause	Solution
Low flow rate	Closed valves or blocked lines	1. Open all valves in the system. 2. Clean the skimmer and pump strainer basket. 3. Open the pump and check for clogging.
Motor shuts off.	Power failure	Use a multimeter to check the power supply, or connect the plug to verify if it's normal.
	Motor damage	Contact VIVOHOME.

SECTION I Safety Precautions



- Ensure that all system valves are properly set before operating the pump to maintain smooth water flow.
- Do not allow the pump to run dry to avoid leakage or other issues caused by damage to the mechanical seal.
- Wiring must comply with local regulations and use a circuit with ground fault protection.

SECTION J

Technical Data of Pump



HP	1.5HP
Flow	90/86/36 GPM
Head	52ft
Self-Priming	1.5m
Volts	115V

- Loss of parts during use.
- Normal wear and tear of products or parts.
- Incorrect installation (e.g., using the wrong voltage) or improper assembly.
- Overloading the product's bearing capacity.
- Usage in extremely harsh conditions.
- Improper cleaning or lack of maintenance.
- Damage resulting from unintended use of the product.
- Damage resulting from unauthorized modifications or service.
- Indirect losses or damages related to the product.

SECTION K

Warranty



The VIVOHOME warranty program is our commitment to you. We are committed to providing you with a high-quality product that meets your needs and expectations. To demonstrate our confidence in the durability and performance of our products, we offer the following warranty.

WARRANTY COVERAGE

This warranty applies to all orders, purchases, or use of products sold only by VIVOHOME and is valid for 1 year from the purchase date. Please note, this warranty only covers the original order. If a replacement is provided within the warranty period, it does not extend the warranty.

WARRANTY EXCLUSIONS

This warranty does not cover damages caused by misuse, accidents, unauthorized modifications, or any factors unrelated to product manufacturing and design, including but not limited to:

HOW TO MAKE A WARRANTY CLAIM

If you encounter any defects affecting the product's functionality or if the product fails and cannot be repaired during the warranty period, please reach out to our customer service team via email, Amazon, or our app's messaging service at your earliest convenience. To expedite your claim, kindly include:

- Order number
- Photos and/or videos illustrating the issue
- A detailed description of the problem

VIVOHOME will provide technical support, replacement, refund, or other solutions based on the issue's specifics. If you wish to return the original package for any reason, please contact us for confirmation before initiating the return. You can expect a response within 48 hours.

Thank you for choosing VIVOHOME. We are dedicated to ensuring your satisfaction and the quality of your purchase. If you have any questions or need further assistance, please don't hesitate to reach out to our customer service team.