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CIPU CSPPV711

CIPU 1.5HP Variable Speed Inground Pool Pump

USER MANUAL

Product Overview

The CIPU 1.5HP Variable Speed Inground Pool Pump (Model CSPPV711) is designed for efficient and intelligent control of swimming pool water filtration. This high-performance pump features a variable speed motor, allowing for optimized energy consumption and quiet operation. It is suitable for various inground pool systems, providing reliable and consistent water circulation and cleaning.



Image: The CIPU 1.5HP Variable Speed Inground Pool Pump, showcasing its compact design and durable construction.

1.5 HP Variable Speed Pool Pump

Ideal for inground pools water clean
Intelligent Control



Model: CSPPV 711

Image: The 1.5 HP Variable Speed Pool Pump positioned next to an inground pool, highlighting its intended use for water cleaning and intelligent control.

Setup and Installation

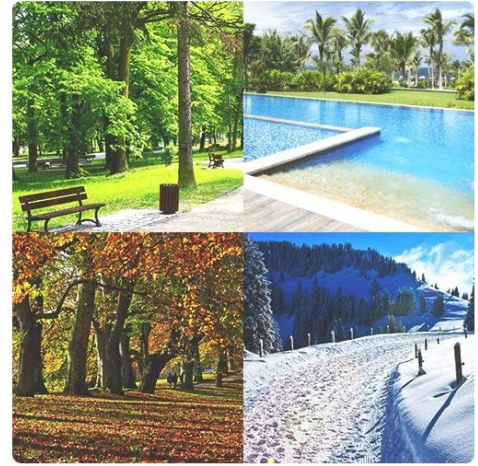
Proper installation is crucial for the pump's performance and longevity. Ensure all local electrical and plumbing codes are followed. It is recommended that installation be performed by a qualified professional.

Pre-Installation Checklist:

- Verify power supply (230V) matches pump requirements.
- Ensure adequate space for installation and future maintenance.
- Confirm all necessary plumbing fittings (1.5" or 2" PVC pipe) are available.

Installation Steps:

1. Position the pump on a level, stable surface near the pool equipment pad.
2. Connect the suction and discharge plumbing using the provided 1.5" or 2" adapters. Ensure all connections are watertight.
3. Perform electrical wiring according to the wiring guide below.
4. Fill the pump's strainer basket with water to prime the pump before initial startup.



**Ideal for Inground Pools Water
All-Weather Filtration!**

Hassle-free VS pump with intelligent control energy saving

Upgrade intelligent panel operation

The program	Speed 1	Speed 1	Speed 1	Speed 1
Start up time	8:00AM (Adjustable)	10:00AM (Adjustable)	8:00PM (Adjustable)	10:00PM (Adjustable)
Time of operation	2H (Adjustable)	10H (Adjustable)	2H (Adjustable)	10H (Adjustable)
Default speed	2850 RPM (Adjustable)	1730 RPM (Adjustable)	2300 RPM (Adjustable)	1150 RPM (Adjustable)

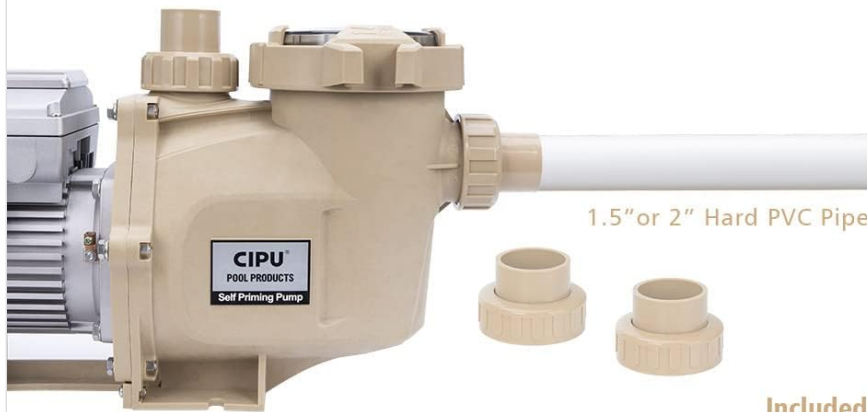
(The default cycle is 22 hours a day)

Image: Diagram illustrating the connection of 1.5" or 2" hard PVC pipe to the pump, showing the included adapters.

Wiring Guide:

Always disconnect power before performing any electrical work. Refer to the diagram for correct wiring connections.

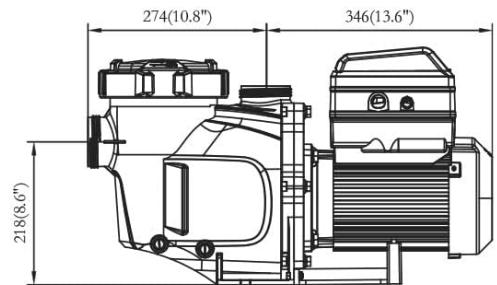
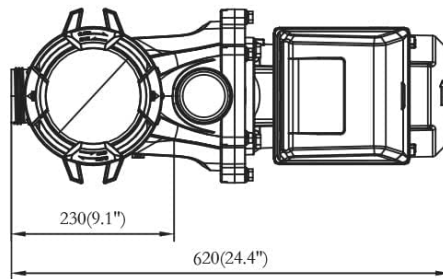
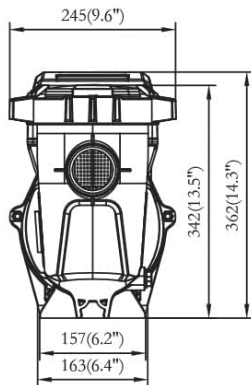
How to install your pump



1.5" or 2" Hard PVC Pipe

Included

2pcs 1.5" Adapters & 2pcs 2" Adapters



Wiring Guide

(Not Included)
Use a screwdriver to loosen the screws on the panel and gently remove the panel

(Not Included)
We can see the junctions of L1, L2 and Grounding, unscrew them for wiring connection.

Screw up and fix wires accordingly:
L1 to Live Wire (White)
L2 to Neutral Wire (Black)
G to Grounding Wire (Green)
Then screw up tightly



Image: Step-by-step wiring guide for the pump's control panel, detailing how to loosen screws, access junctions, and connect L1 (Live), L2 (Neutral), and Ground wires.

Easy Connection:

The pump comes with 2pcs 1.5" adapters and 2pcs 2" adapters for flexible pipe connection.



Image: A hand connecting a flexible hose to the pump, demonstrating the ease of connection with the included adapters for 1.5" or 2" PVC pipes.

Operating Instructions

The intelligent control panel allows for easy programming and monitoring of the pump's operation.

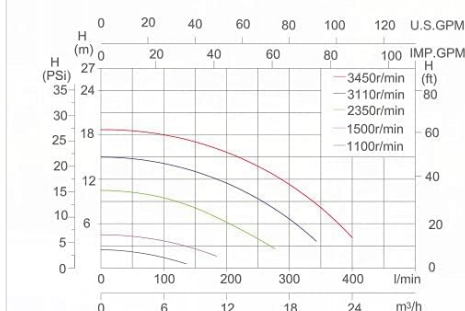
Control Panel Overview:

The digital display shows current speed, time, and other operational parameters. Buttons allow for speed adjustment, program setting, and quick start/stop.

FLOW STABLE OUTPUT



Advanced permanent magnet synchronous motor
with full copper wiring



5ft Height
Self-priming



Image: Close-up of the pump's intelligent control panel, showing the digital display, speed settings (1-4), and control buttons for programming and operation.

Programming and Speed Settings:

The pump can be programmed for up to four different speeds and operating times throughout the day. This allows for energy optimization based on your pool's needs.

Default Program Settings

The program	Speed 1	Speed 2	Speed 3	Speed 4
Start up time	8:00AM (Adjustable)	10:00AM (Adjustable)	8:00PM (Adjustable)	10:00PM (Adjustable)
Time of operation	2H (Adjustable)	10H (Adjustable)	2H (Adjustable)	10H (Adjustable)
Default speed	2850 RPM (Adjustable)	1730 RPM (Adjustable)	2300 RPM (Adjustable)	1150 RPM (Adjustable)

Note: The default cycle is 22 hours a day.

Daily Operation:

Once programmed, the pump will operate automatically according to the set schedule. You can manually override the program using the 'Quick Start' and 'Stop' buttons.

Maintenance

Regular maintenance ensures efficient operation and extends the life of your pool pump.

Cleaning the Detachable Basket:

The pump features a detachable basket to collect debris. Check and clean the basket regularly, especially if you notice reduced flow or increased noise.

1. Turn off the pump and disconnect power.
2. Unscrew the transparent lid of the strainer basket.
3. Remove the basket and empty any collected debris (leaves, hair, grit, etc.).
4. Rinse the basket thoroughly with water.
5. Replace the basket and securely fasten the lid. Ensure the O-ring is properly seated for a watertight seal.

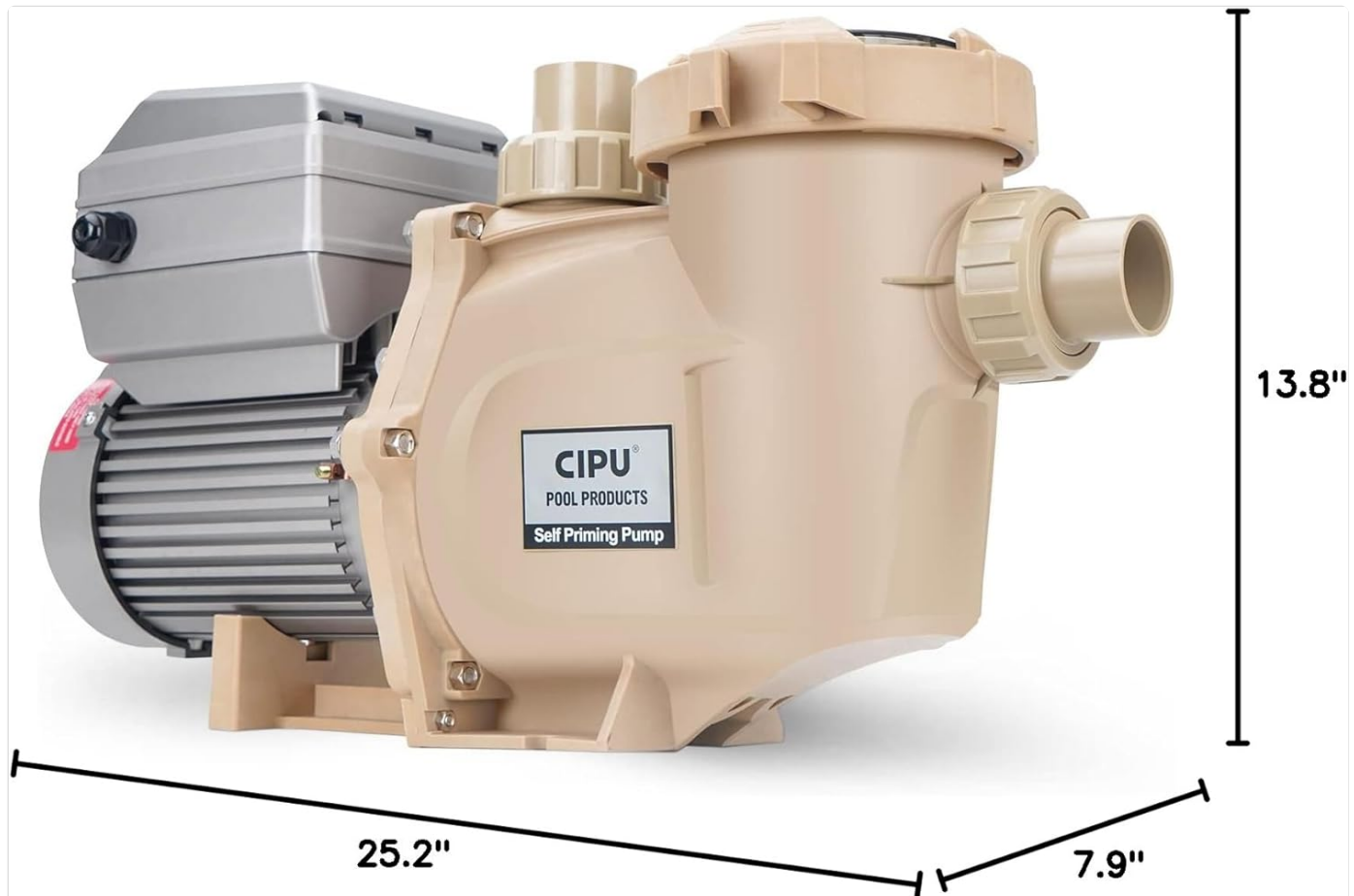


Image: A hand removing the detachable basket from the pump's strainer housing, showing collected leaves and debris, emphasizing the ease of cleaning.

General Cleaning:

Keep the exterior of the pump clean and free from dirt and debris. Do not spray water directly onto the motor or electrical components.

Winterization:

In colder climates, proper winterization is essential to prevent damage from freezing. Consult a pool professional for specific winterization procedures for your system.

Troubleshooting

This section provides solutions to common issues you might encounter with your pool pump. For problems not listed here, contact customer support.

Common Troubleshooting Guide

Problem	Possible Cause & Solution
Pump does not start	<ul style="list-style-type: none">• No power: Check circuit breaker, power supply, and wiring connections.• Motor overload: Allow motor to cool down. Check for blockages in impeller.• Control panel error: Refer to error codes on the display.
Low water flow / Poor suction	<ul style="list-style-type: none">• Clogged strainer basket: Clean the basket.• Air leak in suction line: Check all suction side connections for leaks.• Clogged impeller: Inspect and clear any debris from the impeller.• Low water level in pool: Ensure skimmer is fully submerged.
Pump is noisy	<ul style="list-style-type: none">• Air in system: Check for air leaks in suction line or low water level.• Bearing wear: If noise persists and is mechanical, professional service may be required.• Debris in impeller: Clean the impeller.
Water intrusion in control panel	<ul style="list-style-type: none">• Inadequate sealing: Ensure panel cover is securely fastened. Consider adding a protective cover for outdoor installation.

The control panel also has LED indicators for alarm messages such as under/over voltage, high temperature, over current, and freeze protection. Refer to the specific error code in the full instruction manual (PDF) for detailed solutions.

Specifications

Detailed technical specifications for the CIPU 1.5HP Variable Speed Inground Pool Pump.

Feature	Specification
Brand	CIPU
Model Number	CSPPV711
Horsepower	1.5 HP
Voltage	230V
Power Source	AC/DC
Material	Copper (motor)
Style	Inground Pool Pump
Maximum Lifting Height	5 Feet
Product Dimensions (L x W x H)	24.46 x 10.36 x 13.49 inches
Item Weight	44.6 pounds

Feature	Specification
Manufacturer	SIPU POOL APPLIANCE INC

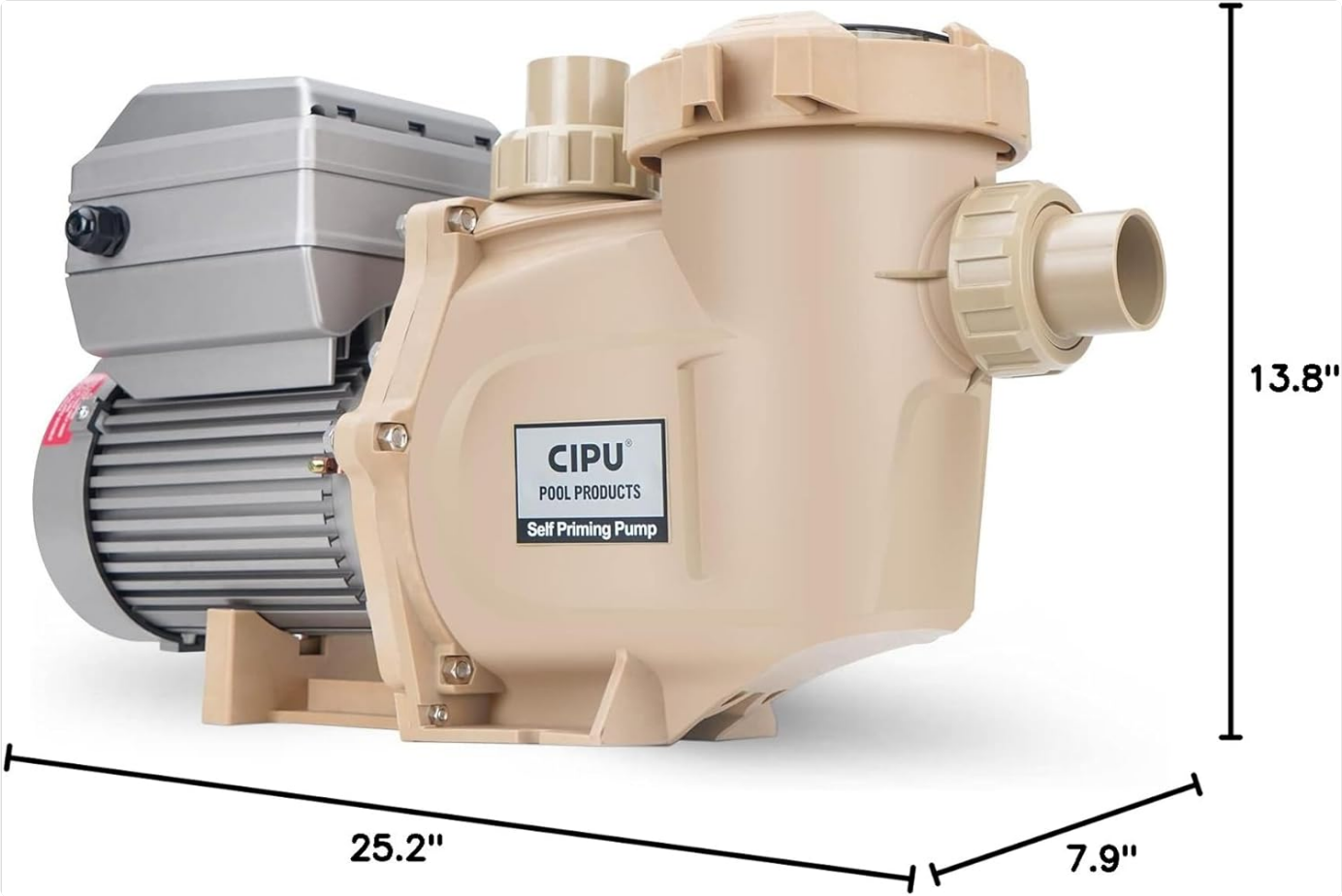


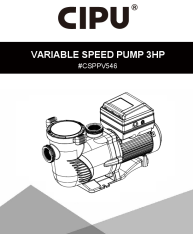
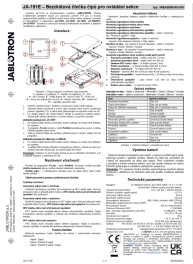

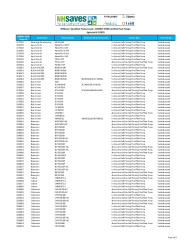
Image: Dimensional drawing of the CIPU pool pump, indicating key measurements in inches for installation planning.

Warranty and Support

For warranty information and customer support, please refer to the documentation included with your product or contact CIPU customer service directly. Keep your purchase receipt as proof of purchase.

Additional resources, including a detailed User Manual in PDF format, may be available online. You can often find this by searching for your product model number on the manufacturer's website or by using the following link:

[Download User Manual \(PDF\)](#)

 <p>CIPU® VARIABLE SPEED PUMP 3HP #CSPPV546</p>	<p>CIPU CSPPV546 Variable Speed Pump 3HP User Manual</p> <p>Comprehensive user manual for the CIPU CSPPV546 Variable Speed Pump 3HP, covering installation, operation, maintenance, and troubleshooting. Learn about pump features, drive features, keypad operation, safety instructions, and technical specifications.</p>
	<p>JA-151E Bezdrátová čtečka čipů: Instalace a nastavení</p> <p>Podrobný průvodce instalací a nastavením bezdrátové čtečky čipů JABLOTRON JA-151E pro ovládání sekcí. Obsahuje technické parametry, optické a akustické indikace a postupy výměny baterií.</p>
	<p>ENERGY STAR Certified Pool Pumps List - NHSaves</p> <p>NHSaves provides a comprehensive list of ENERGY STAR certified pool pumps, detailing brand names, model numbers, product types, and motor designs to help consumers choose energy-efficient options.</p>
	<p>ENERGY STAR Certified Pool Pumps - NHSaves</p> <p>This document lists ENERGY STAR certified pool pumps, updated on August 1, 2025, featuring various brands, model numbers, and product types for energy-efficient pool pump selection.</p>