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› Jacuzzi 2.7THP Variable Speed Pool Pump User Manual

Jacuzzi RRC484601824 RR

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Model: RRC484601824 RR

PRODUCT OVERVIEW

The Jacuzzi JVS270S Variable Speed Pool Pump is engineered to provide quiet, energy-efficient performance for both pools and spas. With 2.7 total horsepower and dual voltage capability (115V/230V), this pump is suitable for high-performance pool applications, including larger pools, those with water features, and attached spas.

Key features include an innovative hydraulic design for optimal flow, durable construction with a chemical-resistant Viton pump seal, and a touchless, easy-disposal mesh debris bag. The intuitive touchpad control can be rotated for flexible installation, and the totally enclosed fan-cooled (TEFC) motor ensures reliable and quiet operation.

This variable speed pump is designed for significant energy savings, potentially reducing energy costs by up to 90% compared to single-speed pumps. It also holds an Energy Star rating, which may qualify for local incentives.

SETUP AND INSTALLATION

The Jacuzzi JVS270S Variable Speed Pool Pump is designed for seamless integration into both new and existing pool equipment pads. It offers two pump base options and can be connected to any standard pool automation control system, facilitating easy retrofitting.

Connections

- The pump features 2" x 2-1/2" CPVC union connections for straightforward plumbing.
- Ensure proper electrical connections for 115V or 230V operation as required by your setup.

Placement

Position the pump on a stable, level surface. Ensure adequate ventilation around the motor for optimal cooling. The touchpad control can be rotated in four directions or wall-mounted for convenient access.



Image: Side view of the Jacuzzi 2.7THP Variable Speed Pool Pump, showing the motor and pump housing.

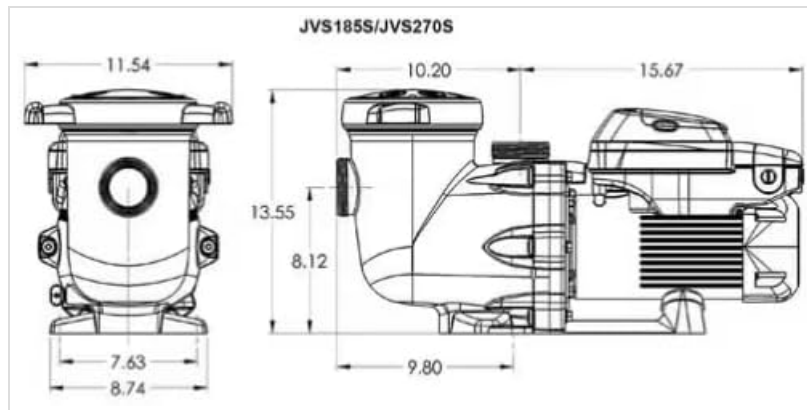


Image: Technical diagram illustrating the dimensions of the Jacuzzi JVS185S/JVS270S pool pump, including height, width, and length measurements.

OPERATING INSTRUCTIONS

The Jacuzzi JVS270S pump features an intuitive touchpad control for easy operation and programming of variable speeds.

Control Panel Overview



Image: Close-up view of the Jacuzzi pool pump's control panel, showing buttons for Speed 1-4, Menu, Stop/Resume, and Quick Clean.

- **Variable Speed Control:** Utilize the touchpad to select desired operating speeds (Speed 1, Speed 2, Speed 3, Speed 4) to optimize energy consumption and performance for different pool functions.
- **Menu Navigation:** Use the 'MENU' button and arrow keys to access advanced settings and programming options.
- **Stop/Resume:** Press 'STOP/RESUME' to pause or restart pump operation.
- **Quick Clean:** The 'QUICK CLEAN' function provides a temporary boost in speed for rapid cleaning cycles.

Energy Efficiency

This pump is designed for industry-leading energy efficiency. By adjusting the pump speed to match the specific needs of your pool, you can significantly reduce electricity consumption. Running the pump at lower speeds for longer durations often results in greater energy savings than running at high speeds for short periods.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Jacuzzi Variable Speed Pool Pump.

Debris Bag Cleaning

- The pump features a touchless, easy-disposal mesh debris bag. Regularly inspect and empty the debris bag to prevent clogs and maintain efficient water flow.
- Refer to the visual inspection of the pump's top for the debris bag access.



Image: Top-down view of the Jacuzzi 2.7THP Variable Speed Pool Pump, showing the clear lid of the strainer basket and the overall compact design.

Viton Pump Seal

The pump is equipped with a chemical-resistant Viton pump seal for enhanced durability. While designed for longevity, periodic inspection for leaks around the seal area is recommended. Contact a qualified technician if a leak is detected.

General Cleaning

Keep the exterior of the pump clean and free from debris. Ensure that the motor's fan and cooling fins are not obstructed to prevent overheating.

TROUBLESHOOTING

This section provides general guidance for common issues. For detailed troubleshooting or issues not listed, please refer to the support section.

Problem	Possible Cause	Solution
Pump not starting	No power, tripped breaker, motor issue	Check power supply and circuit breaker. Ensure pump is properly connected.
Low water flow	Clogged strainer basket, closed valve, air leak	Clean debris bag/strainer basket. Check all valves are open. Inspect for air leaks in plumbing.
Unusual noise	Air in system, cavitation, worn bearings	Bleed air from system. Ensure adequate water supply to pump. Contact service if noise persists.

SPECIFICATIONS

Attribute	Detail
Brand	Jacuzzi
Model Number	RRC484601824 RR
Total Horsepower (THP)	2.70 THP
Voltage	115/230 Volts
Item Weight	60 Pounds
Product Dimensions	30.8 x 16.8 x 14.3 inches
Style	In Ground
Color	Multi-colored
Specific Uses For Product	In-Ground Pool Applications
Motor Type	Totally Enclosed Fan Cooled (TEFC)
Pump Seal Material	Chemical-resistant Viton

WARRANTY INFORMATION

The Jacuzzi 2.7THP Variable Speed Pool Pump is covered by a manufacturer's warranty. For specific terms and conditions, please refer to the warranty documentation provided with your product or contact Jacuzzi customer support.

Note: Extended protection plans may be available for purchase separately and are not part of the standard manufacturer's warranty.

SUPPORT AND CONTACT

For further assistance, technical support, or to inquire about parts and service, please use the following resources:

- Jacuzzi Official Store:** Visit the [Jacuzzi Store on Amazon](#) for product information and resources.
- Customer Support:** For direct support, refer to the contact information provided in your product packaging or on the official Jacuzzi 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