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Hayward Tristar VS 950 SP32950VSP Variable Speed Pool Pump Instruction Manual

Model: SP32950VSP

PRODUCT OVERVIEW

The Hayward TriStar VS 950 variable speed pool pump is engineered for energy efficiency and quiet operation, designed to replace most single-speed pool pumps. It offers significant energy cost savings and is equipped with a chemical-resistant Viton seal for enhanced durability.



A detailed view of the Hayward Tristar VS 950 variable speed pool pump, showcasing its compact design and digital control panel.

SETUP

Installation of the Hayward TriStar VS 950 pump should be performed by a qualified pool professional. This ensures proper setup and adherence to local regulations and safety standards. EXPERT LINE products are specifically distributed through local pool professionals or in-store channels.

Initial Placement and Connections

- Ensure the pump is placed on a stable, level surface, ideally on a concrete pad or similar sturdy base.
- Verify all plumbing connections are secure and watertight to prevent leaks and maintain optimal system pressure.
- Confirm electrical connections are made according to local codes and the pump's specifications (115V or 230V).

OPERATING INSTRUCTIONS

The TriStar VS 950 features a fully programmable, digital control interface that can be rotated to four different positions or mounted to the wall for convenient access and viewing.

Starting the Pump

1. Turn off the pump at the circuit breaker to prevent accidental startup.
2. Rotate the pump lid counter-clockwise to remove it.
3. Carefully lift out the strainer basket.
4. Empty any collected debris (leaves, hair, etc.) from the basket.
5. Rinse the basket thoroughly with water.
6. Inspect the basket for cracks or damage. A damaged skimmer basket can lead to more debris accumulating in the pump's strainer basket.
7. Place the clean basket back into the pump housing, ensuring it is seated correctly.
8. Fill the pump housing with water using a hose to prime the pump.
9. Replace the lid by aligning it and turning it clockwise until secure.
10. Turn the pump back on.

Programming and Energy Efficiency

This variable speed pump allows for customized programming to optimize energy consumption. For a 14,400-gallon pool, the pump can effectively circulate water in 6-7 hours per day, significantly reducing energy costs compared to traditional single-speed pumps that might require 10 hours or more.

- Utilize the digital control interface to set desired operating speeds and schedules.
- Lower speeds are ideal for daily filtration, while higher speeds can be used for backwashing or operating pool cleaners.
- The pump's permanent magnet, totally enclosed fan cooled (TEFC) motor contributes to its energy efficiency and reliability.

MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your Hayward TriStar VS 950 pump.

Cleaning the Strainer Basket

1. Turn off the pump at the circuit breaker to prevent accidental startup.
2. Rotate the pump lid counter-clockwise to remove it.
3. Carefully lift out the strainer basket.
4. Empty any collected debris (leaves, hair, etc.) from the basket.
5. Rinse the basket thoroughly with water.
6. Inspect the basket for cracks or damage. A damaged skimmer basket can lead to more debris accumulating in the pump's strainer basket.
7. Place the clean basket back into the pump housing, ensuring it is seated correctly.
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General Maintenance Tips

- Periodically inspect the pump's O-rings and seals for wear and tear. The pump is upgraded with a chemical-resistant Viton seal for enhanced durability.
- Keep the area around the pump clear of debris to ensure proper ventilation and prevent overheating.
- Monitor the pump's performance and listen for unusual noises, which may indicate an issue.

TROUBLESHOOTING

This section addresses common issues you might encounter with your TriStar VS 950 pump.

Pump is Loud or Not Priming

- **Issue:** Pump is running loudly or not drawing water.
- **Possible Cause:** Air in the system or pump housing.
- **Solution:** Turn off the pump, remove the strainer basket lid, and fill the pump housing with water. Securely replace the lid and restart the pump. If the issue persists, check for leaks in the suction lines or a damaged skimmer basket.

Reduced Flow Rate

- **Possible Cause:** Clogged strainer basket, dirty filter, or closed valves.
- **Solution:** Clean the strainer basket (as described in Maintenance), backwash or clean your pool filter, and ensure all necessary plumbing valves are fully open.

SPECIFICATIONS

Feature	Specification
Brand	Hayward
Model Number	SP32950VSP
Item Weight	60 pounds
Product Dimensions	16 x 35 x 20 inches
Flow Rate	130 Gallons Per Minute (1.3E+2 GPM)
Item Package Quantity	1
UPC	610377340946
Weighted Energy Factor (WEF)	10.1 (115V) / 7.3 (230V)

WARRANTY & SUPPORT

The Hayward TriStar VS 950 pump comes with an industry-best 3-year warranty. This warranty is applicable when the product is sold by a "Totally Hayward partner." Exclusions and other terms and conditions may apply, so it is recommended to consult your local pool professional or the official Hayward website for full details.

For customer support, please refer to the contact information provided by your authorized Hayward dealer or visit the official Hayward website.

Note: This product is part of the EXPERT LINE and can only be purchased through your local pool professional or in-store.