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› [Vidapool](#) /

› Vidapool In/Above Ground Pool Pump with Timer - Model SPT150-LV Instruction Manual

Vidapool SPT150-LV

Vidapool In/Above Ground Pool Pump with Timer - Model SPT150-LV Instruction Manual

Your guide to safe and efficient pool maintenance.

1. INTRODUCTION

Thank you for choosing the Vidapool In/Above Ground Pool Pump with Timer, Model SPT150-LV. This self-priming pool pump is designed to provide efficient water circulation for both in-ground and above-ground pools, ensuring crystal clear water and a safe swimming environment. This manual provides essential information for the safe installation, operation, and maintenance of your new pool pump.



Figure 1: Vidapool In/Above Ground Pool Pump, Model SPT150-LV.

2. SAFETY INFORMATION

Please read all safety instructions carefully before installing or operating the pump. Failure to follow these instructions could result in serious injury or property damage.

- **Electrical Safety:** Ensure the pump is connected to a properly grounded electrical outlet. The 6-foot cord is UL-tested for safety. Do not use extension cords.
- **Water and Electricity:** Never operate the pump when people are in the pool. Keep electrical connections dry and away from water.
- **Installation:** Installation should be performed by a qualified professional in accordance with all local electrical and plumbing codes.
- **Maintenance:** Always disconnect power to the pump before performing any maintenance or cleaning.
- **Overheating Protection:** The pump features built-in automatic thermal overload protection to prevent motor overheating.

3. PRODUCT COMPONENTS

The Vidapool Pool Pump comes with the following main components:

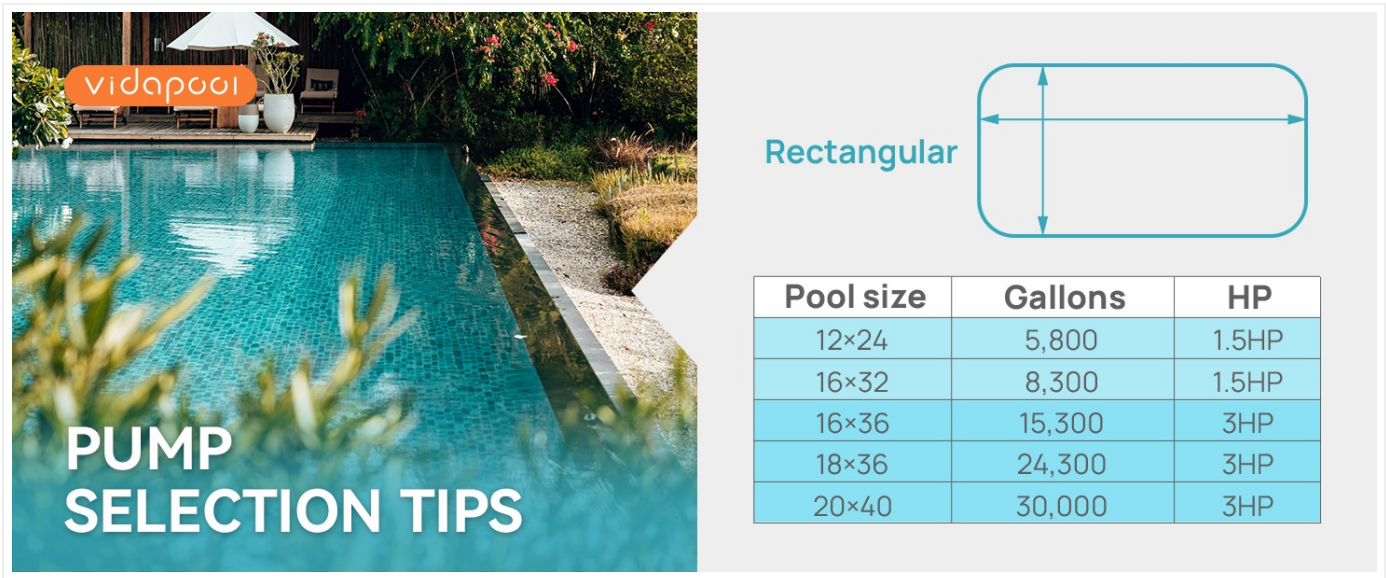


Figure 2: Exploded view of the Vidapool Pool Pump and its accessories.

1. 1.5" ID Adapters (x2)
2. 2" ID Adapters (x2)
3. Filter Basket
4. Drain Plug
5. Pure Copper Motor
6. 6' Power Cord
7. Earthing Terminal
8. Integrated Timer Control
9. Lid Opener

4. SETUP AND INSTALLATION

The Vidapool Pool Pump is designed for straightforward installation. Follow these steps for proper setup:

4.1 Placement

- Place the pump on a solid, level surface near your pool. Ensure adequate ventilation around the motor.
- Position the pump to allow easy access for maintenance and cleaning of the filter basket.

4.2 Plumbing Connections

The pump includes two 1.25-inch and two 1.5-inch inlet and outlet adapters, compatible with 40 PVC pipe. Choose the appropriate adapters for your plumbing system.



Figure 3: Outlet/Inlet Connection Methods. Method 1: 1-1/2" or 2" Schedule 40 PVC Pipe Glue Connection. Method 2: 1-1/2" or 2" Schedule 40 PVC Pipe Glue Connection + 2" PVC Hose with Clamp.

4.3 Electrical Connection

- Simply plug the 6-foot UL-tested cord into a grounded 115V AC power outlet.
- Ensure the earthing terminal is properly connected for safety.

4.4 Priming the Pump

Before starting the pump for the first time, ensure it is properly primed. Fill the pump's strainer basket with water until it overflows. Replace the lid securely. This helps the pump draw water efficiently.

5. OPERATING INSTRUCTIONS

The Vidapool Pool Pump features an integrated timer for customizable and energy-saving operation.

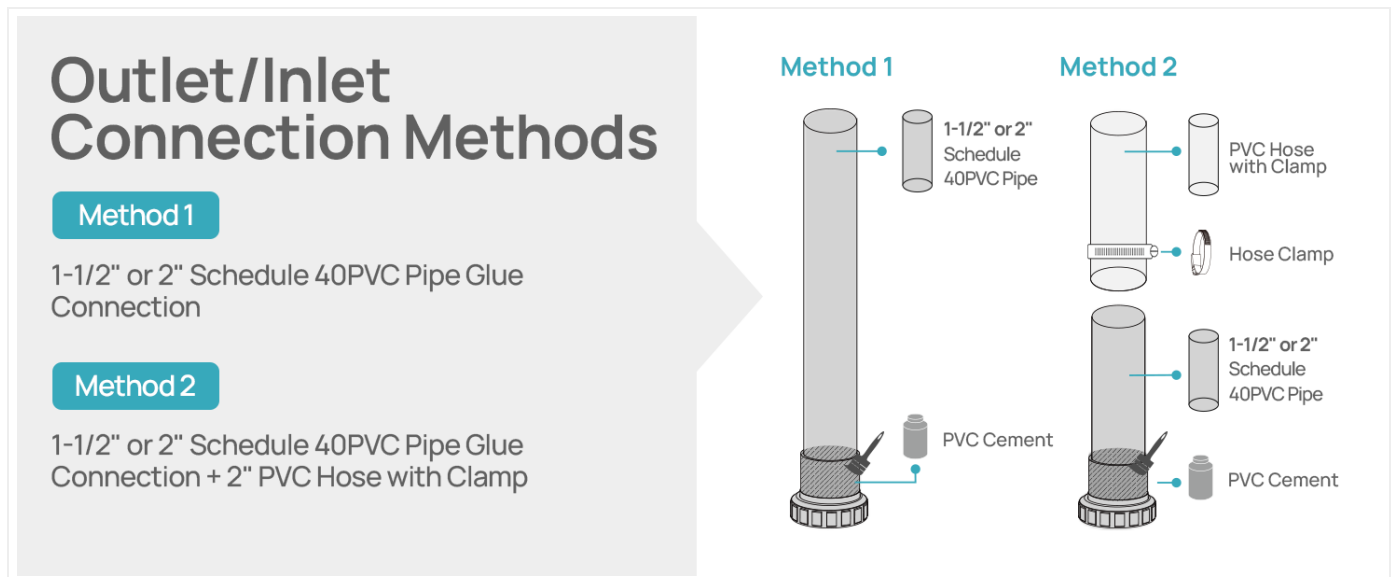


Figure 4: Setting the integrated timer.

5.1 Setting the Timer

- **Calculate Run Time:** Determine the optimal pump run time based on your pool size and usage.
- **Set Start Time:** Wait until the desired time you want the pump to start its daily cycle.
- **Choose Running Hours:** Press the clock button on the integrated timer control panel to select from nine different run-time options (e.g., 2, 4, 6, 8, 10, 12, 14, 16, 24 hours).
- **Automatic Operation:** Once set, the pump will automatically activate at the chosen time every day and run for the

specified duration, ensuring consistent and efficient circulation.

5.2 Quiet Operation

The Vidapool pump is engineered for quiet performance, allowing you to enjoy a peaceful poolside environment even when the pump is running.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Vidapool Pool Pump.

6.1 Cleaning the Filter Basket

The pump features an extra-large filter basket designed to collect debris, leaves, and coarse particles efficiently.



Figure 5: The extra-large filter basket effectively collects debris.

- **Frequency:** Check the filter basket regularly, especially during heavy pool usage or after storms.
- **Procedure:**
 - a. Turn off the pump and disconnect it from the power source.
 - b. Use the provided lid opener to unscrew and remove the transparent lid.
 - c. Carefully lift out the filter basket.
 - d. Empty any collected debris and rinse the basket thoroughly with water.
 - e. Inspect the O-ring on the lid for any damage or wear. Clean and lubricate if necessary.
 - f. Replace the basket and secure the lid tightly using the lid opener.
 - g. Reconnect power and restart the pump.

7. TROUBLESHOOTING

If you encounter issues with your Vidapool Pool Pump, refer to the following common problems and solutions:

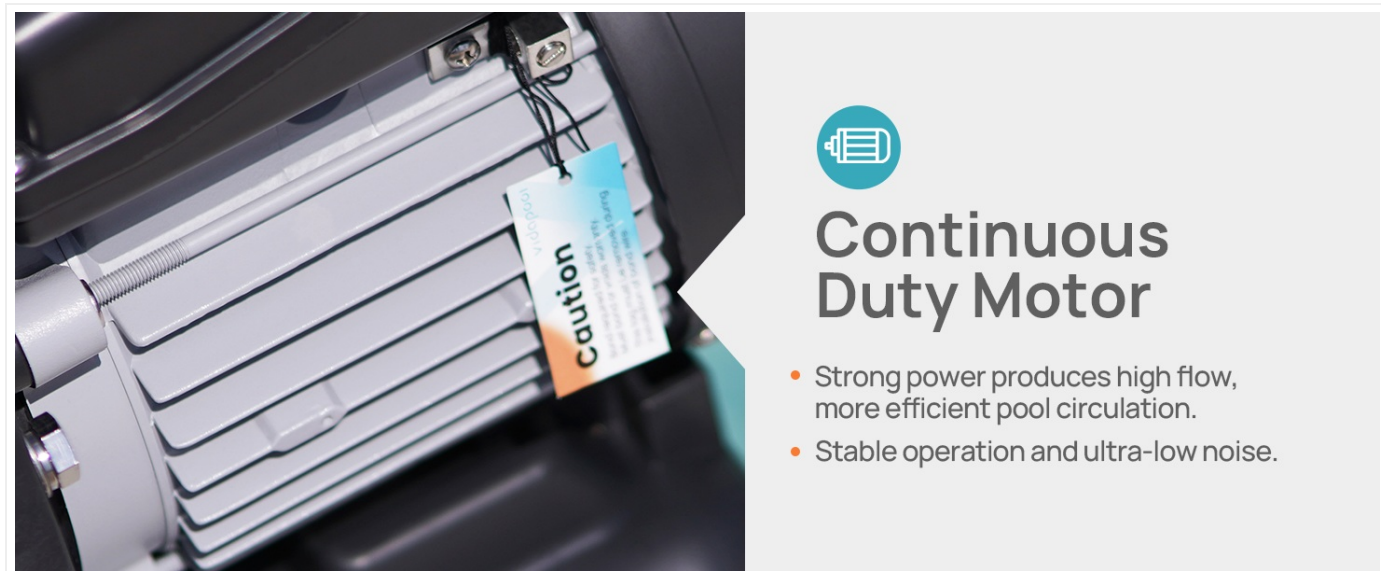
Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Pump does not start	No power, tripped breaker, motor overload.	Check power connection, reset breaker, allow motor to cool if overloaded.
Low water flow	Clogged filter basket, air leak in suction line, low water level in pool.	Clean filter basket, check all connections for leaks, ensure adequate pool water level.
Pump is noisy	Air in system, cavitation, debris in impeller.	Bleed air from system, ensure proper water flow to pump, check impeller for obstructions (disconnect power first).
Water not clearing	Insufficient run time, dirty filter, chemical imbalance.	Increase pump run time, clean filter basket, test and adjust pool chemicals.

If problems persist, contact customer support for assistance.

8. SPECIFICATIONS

Feature	Detail
Brand	Vidapool
Model Number	SPT150-LV
Color	Dark Black
Material	Cast Iron, Plastic
Style	with Timer + 1.5HP + 115V
Power Source	AC
Maximum Flow Rate	122 Gallons Per Minute (7350 GPH)
Maximum Lifting Height	55 Feet
Voltage	115 Volts
Manufacturer	Jinan Langyikeji Youxianzerengongsi
Cord Length	6 feet (UL tested)



Continuous Duty Motor

- Strong power produces high flow, more efficient pool circulation.
- Stable operation and ultra-low noise.

Figure 6: Visual representation of pump specifications.



Detachable Basket Design

- Filter debris, hair, leaves, grits, etc.
- Easy to check and clean up debris in time.

Figure 7: Pump dimensions: 22" length, 11.8" height, 7" width.

9. WARRANTY AND SUPPORT

The Vidapool In/Above Ground Pool Pump is backed by a **two-year warranty**. For any questions, technical assistance, or warranty claims, please contact Vidapool customer service. Ensure you have your model number (SPT150-LV) and purchase information ready.

The product's 6-foot cord has been tested for safety, performance, and compliance by UL, ensuring reliable operation.

10. PRODUCT VIDEOS

Vidapool Pool Pump with Timer Overview

Your browser does not support the video tag.

This video provides a general overview of the Vidapool Pool Pump with Timer, demonstrating its features and ease of use. It highlights the integrated timer and simple installation process.

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.

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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