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› [Vidapool](#) /

› Vidapool 15in Sand Filter Pump with Timer (Model SPSG150T) User Manual

Vidapool SPSG150T

Vidapool 15in Sand Filter Pump with Timer User Manual

Model: SPSG150T | Brand: Vidapool

INTRODUCTION

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your Vidapool 15-inch Sand Filter Pump with Timer. This system is designed for above-ground pools up to 15,000 gallons, featuring a 3/4 HP pump with a 3800 GPH flow rate and a versatile 6-way valve. Please read all instructions carefully before use.



Image: The Vidapool 15-inch Sand Filter Pump with Timer, showcasing its compact design and integrated components.

SETUP AND INSTALLATION

Proper installation is crucial for the performance and longevity of your sand filter pump. Follow these steps carefully.

Installation Steps:

- 1. Secure the Pump on the Base:** Place the sand filter tank and pump assembly on a firm, level surface near your pool.
- 2. Add Filter Media:** Carefully add the recommended amount of filter sand (up to 80 lbs) or 2.5 lbs of filter balls into the tank. Ensure the media is filled between the MIN and MAX lines marked on the center pipe.
- 3. Install the 6-Way Valve:** Position the 6-way multi-port valve onto the top of the filter tank. Ensure it is seated correctly and secure it with the tank clamp. Tighten the C-clamps securely to maintain a stable sand tank-valve connection during operation.
- 4. Connect Hoses:** Attach the included 1.25-inch and 1.5-inch hose adapters with clamps and adapter conversion fittings to connect the pump to your above-ground pool. Ensure all connections are tight to prevent leaks.
- 5. Fill Pool and Prime Pump:** Before starting the pump, ensure your pool is filled to the appropriate level. Prime the pump

according to the instructions in the operating section to remove any air.



Image: Visual guide illustrating the four-step installation process for the sand filter pump.

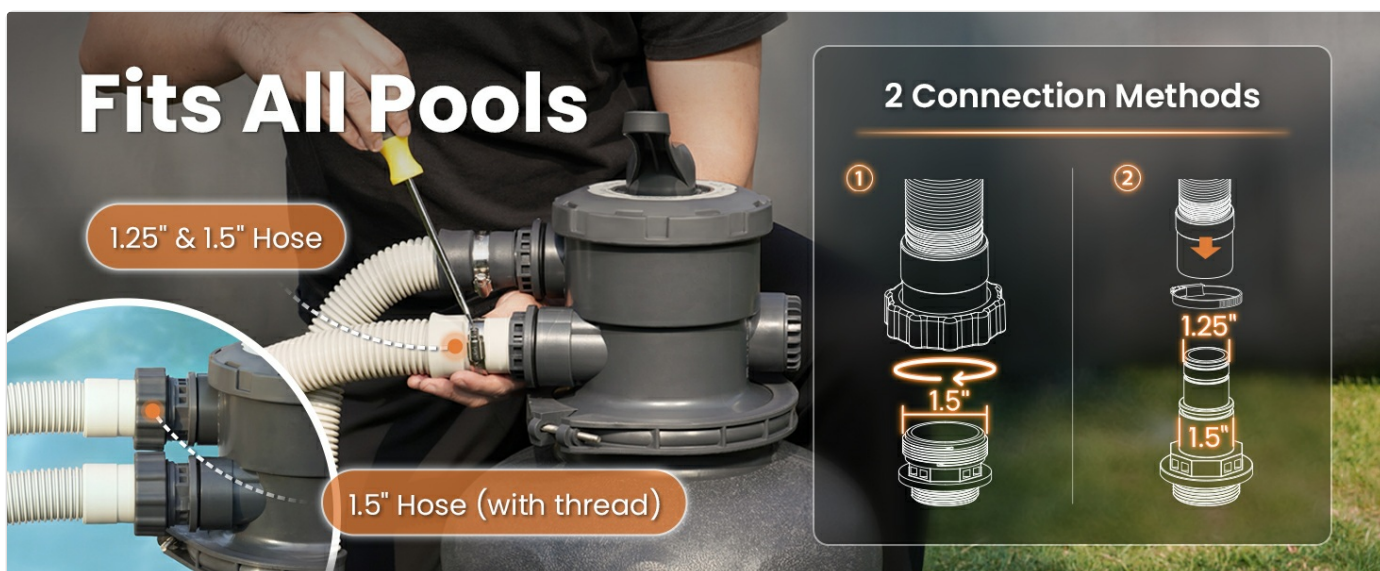


Image: The pump includes adapters for both 1.25-inch and 1.5-inch hoses, ensuring compatibility with various above-ground pools.

Installation Video Guide:

Video: A detailed installation quick guide for the Vidapool Sand Filter Pump, demonstrating each step of the setup process.

OPERATING INSTRUCTIONS

Understand the functions of the 6-way valve and the programmable timer for optimal pool filtration.

6-Way Valve Functions:

The multi-port valve allows you to control the water flow for various operations. **Always stop the pump before switching the valve position.**

- **Filter:** Normal filtration mode. Water flows through the filter media and returns to the pool.
- **Waste:** Bypasses the filter and sends water directly out of the waste port. Used for vacuuming heavy debris or lowering pool water level.
- **Closed:** Shuts off all flow to the filter and pump. Use this setting when performing maintenance or when the pump is off for extended periods.

- **Backwash:** Reverses water flow through the filter to clean the filter media. Water is discharged through the waste port.
- **Recirculate:** Bypasses the filter and circulates water directly back to the pool. Useful for chemical distribution without filtration.
- **Rinse:** Used after backwashing to flush out any remaining debris from the filter media before returning to filter mode. Water is discharged through the waste port.



Image: The 6-way valve with integrated pressure gauge and transparent viewing window for easy monitoring.

Programmable Timer:

The built-in timer allows for automated filtration cycles, improving efficiency and reducing energy use. It features 9 programmable settings from 2 to 24 hours.

- To set the timer, refer to the control panel on the pump.
- Select the desired running duration (e.g., 2, 4, 6, 8, 10, 12, 14, 16, 24 hours).
- The pump will automatically start and stop according to the set schedule.

Built-in Timer

Set It and Forget It



Image: The pump's control panel with timer settings for automated operation.

Operation Video Guide:

Video: An overview of the VIDAPOOL 15-Inch Sand Filter Pump with Timer, highlighting its features and operational aspects.

MAINTENANCE

Regular maintenance ensures efficient filtration and extends the life of your sand filter pump.

Filter Media Management:

- The filter tank supports up to 80 lbs of pool filter sand or 2.5 lbs of pool filter balls.
- Monitor the pressure gauge. When the pressure rises significantly above its normal operating level, it indicates that the filter media is dirty and requires cleaning.
- Perform backwashing and rinsing cycles as needed to clean the filter media. The transparent view window on the 6-way valve allows you to see when the water runs clear during backwash.

- Replace filter sand every 3-5 years, or filter balls as recommended by their manufacturer, depending on usage and water quality.

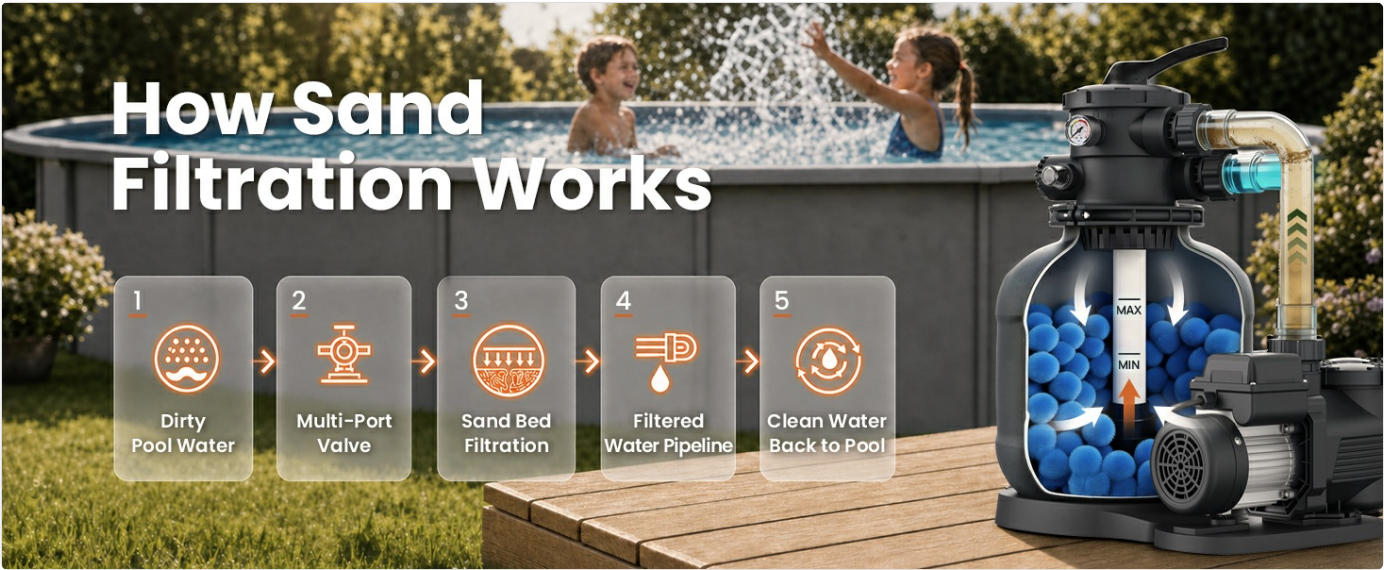


Image: Diagram explaining the sand filtration process, from dirty pool water to clean water return.

General Care:

- The tank is engineered with thick-walled, UV-resistant, and anti-corrosion materials for durability.
- Regularly inspect hoses and connections for wear, cracks, or leaks. Replace damaged components promptly.
- Keep the pump area clean and free from debris to ensure proper ventilation and operation.

TROUBLESHOOTING

Refer to this section for common issues and their solutions.

Problem	Possible Cause	Solution
Pump is leaking	Loose connections, damaged O-rings/gaskets, improper flange clamp or collar fastener installation.	Check and tighten all hose connections. Inspect O-rings and gaskets for damage and replace if necessary. Ensure the tank clamp and collar fastener are securely installed and tightened. Consider using a lock nut for the collar fastener if issues persist.
Low water flow or poor filtration	Clogged filter media, air in the system, pump not primed, incorrect valve setting, pump too small for pool size.	Perform backwash and rinse cycles. Check for air leaks in suction lines and ensure pump is properly primed. Verify the 6-way valve is set to 'Filter'. Ensure the pump's capacity matches your pool volume.
Pump not starting	No power, motor issue, timer setting.	Check power supply and circuit breaker. Ensure the timer is set correctly and not in an 'off' cycle. If the motor hums but doesn't start, consult a qualified technician.
Air infiltration into the system	Loose connections, cracked pump housing, low water level.	Inspect all connections for tightness. Check the pump housing for visible cracks. Ensure the pool water level is above the skimmer opening.

SPECIFICATIONS

Detailed technical specifications for the Vidapool 15in Sand Filter Pump with Timer.

Specification	Detail
Model Number	SPSG150T
Item Weight	35.4 pounds
Product Dimensions	23.23 x 17.72 x 18.5 inches
Size	15in, Up to 15,000 Gallons
Power Source	AC
Pump Motor Power	3/4 HP
System Flow Rate	3800 GPH
Tank Max Capacity (Sand)	80 lbs
Tank Max Capacity (Filter Balls)	2.5 lbs
Timer Settings	9 programmable settings (2-24 hours)
Valve Type	6-Way Multi-Port Valve

Ultra High Flow



Up to
15,000 GAL

Up to
3800 GPH

Image: The pump's high flow rate and capacity for pools up to 15,000 gallons.



Image: Product dimensions for the Vidapool 15-inch sand filter pump.

WARRANTY

The Vidapool 15in Sand Filter Pump with Timer typically comes with a 2-year warranty. To ensure your warranty is active, it is recommended to register your purchase with the manufacturer. Please refer to the product packaging or manufacturer's website for specific warranty terms and registration details.

SUPPORT

For further assistance, technical support, or inquiries regarding your Vidapool Sand Filter Pump, please contact the manufacturer directly. Contact information can typically be found on the product packaging, in the included documentation, or on the official Vidapool 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