Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

VEVOR HCP750A-F

VEVOR FlashPure Sand Filter Pump User Manual

Model: HCP750A-F (16-inch, 1 HP, 4400 GPH)

Thank you for choosing VEVOR. This manual provides essential information for the safe and efficient operation of your sand filter pump.

1. Product Overview

The VEVOR FlashPure Sand Filter Pump is designed for above-ground pools, offering efficient water filtration to maintain clear and clean pool water. This system features a powerful motor, a multi-port valve for various operations, and pre-installed filter media for quick setup.



Figure 1: VEVOR FlashPure Sand Filter Pump

Key Features:

- **6X Faster Filtration Efficiency:** Utilizes advanced filter media for rapid and thorough water purification.
- **Ready to Use Out of the Box:** Comes with pre-installed filter media, eliminating the need for separate sand addition.
- **Seamless One-Piece Design:** Minimizes leak risks and simplifies maintenance.
- **Powerful 1 HP Motor:** Delivers up to 4,400 GPH flow and a max head of 43 ft for effective circulation.

- **Built-In 24-Hour Timer:** Supports continuous and single-cycle modes for automated filtration scheduling.



Figure 2: Filtration Efficiency Comparison

This image illustrates the significant improvement in water clarity achieved with the VEVOR FlashPure Sand Filter Pump compared to other models over the same running time.

▶ **Watch video online**

Up to 6X* Faster Filtration Than Ever Before

Video 1: VEVOR FlashPure Sand Filter Pump - Up to 6X Faster Filtration. This video demonstrates the rapid filtration capabilities of the pump.

2. Setup Instructions

2.1 Unpacking and Component Check

Carefully unpack all components. Ensure all parts listed in the packing list are present and undamaged. The filter media (filter balls) are pre-installed in the tank.



Figure 3: Built-in Filter Media for hassle-free setup.

2.2 Connecting Hoses

Connect the pump to your above-ground pool using the provided hoses and adapters. Ensure all connections are secure and leak-resistant. The system includes adapters for various hose sizes (1.5" and 1.25").

- Connect the **Pump Port** to the pump.
- Connect the **Return Port** to the pool's return inlet.
- Connect the **Waste Port** to a drain hose.



Figure 4: Secure Connection in One Step with precision threads and silicone pads.

2.3 Initial Start-up and Leak Check

Before powering on, ensure all connections are tight. Once connected, turn on the pump and carefully inspect for any leaks. Address any leaks immediately by tightening connections or applying plumbing tape as needed.

3. Operating Instructions

3.1 Multi-Port Valve Functions

The multi-port valve allows for various operational modes. Always shut off the pump before changing valve settings.

- **FILTER:** For daily filtration and pool cleaning.
- **RINSE:** Rinses the filter after backwashing or before use.
- **BACKWASH:** Flushes out trapped debris to clean the filter.
- **WASTE:** Drains water directly or lowers water levels without filtering.
- **WINTER:** Turns off the pump and opens the valve for winterization.
- **CLOSED:** Shuts off all water flow. Do not use while the pump is running.



Figure 5: Multi-Port Valve with 6 Functions

3.2 Timer Operation

The integrated 24-hour timer allows you to schedule filtration cycles. The pump must be stopped with the ON/OFF button before adjusting the timer.

- **Continuous Cycle Mode:** The pump runs automatically at a set time daily.
- **Single Cycle Mode:** Set a one-time run duration.

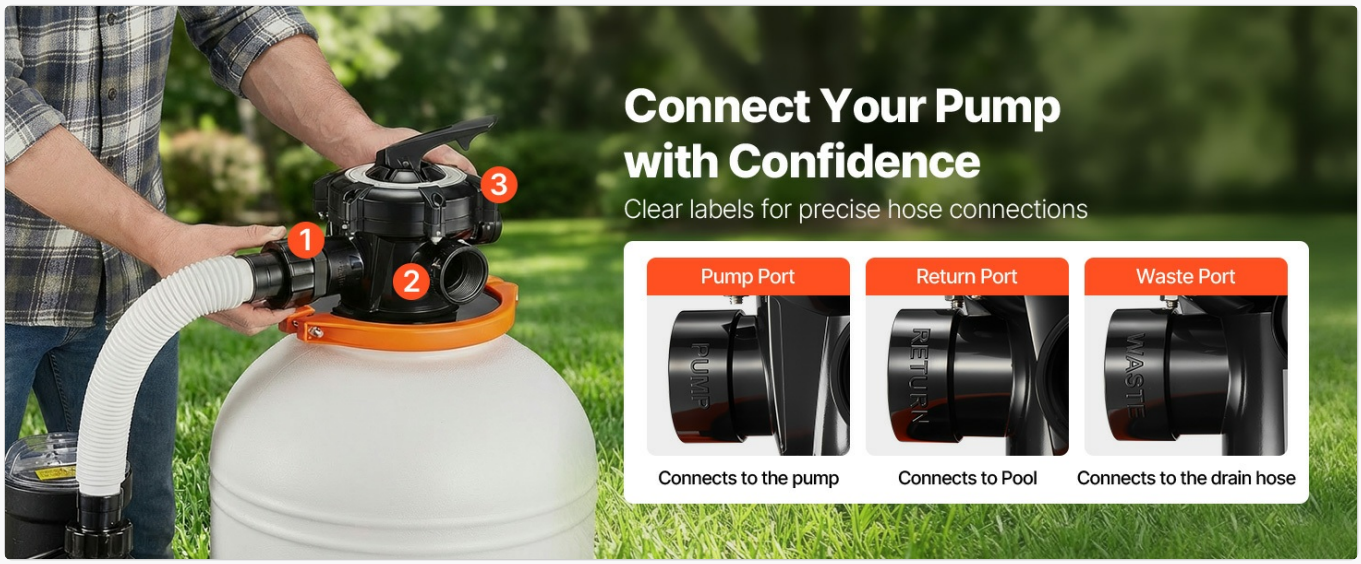

Figure 6: Exclusive Split 24-Hour Timer

4. Maintenance

4.1 Filter Media Cleaning/Replacement

The filter balls are reusable and washable. Regularly check the filter pressure gauge. If the pressure is consistently high, it indicates the filter media needs cleaning or replacement. Refer to the 'BACKWASH' and 'RINSE' functions for cleaning procedures.



Figure 7: VEVOR Pool Filter Balls (reusable and washable)

4.2 Winterization

Before winter, ensure the pump is drained and stored properly to prevent freezing damage. Use the 'WINTER' setting on the multi-port valve as part of your winterization process.

5. Troubleshooting

- **Leaks:** If leaks occur, first check all hose connections and ensure they are tightened properly. Inspect O-rings

and gaskets for damage and replace if necessary.

- **Low Water Flow/High Pressure:** This often indicates a clogged filter. Perform a backwash and rinse cycle. If the issue persists, inspect the filter media for excessive debris or consider replacing the filter balls.
- **Pump Not Starting:** Ensure the power cord is securely plugged in and the timer is set correctly. Check for any tripped circuit breakers.
- **Air in the System:** If air is observed in the pump or returning to the pool, check all suction-side connections for leaks. Ensure the water level in the pool is adequate.

6. Specifications

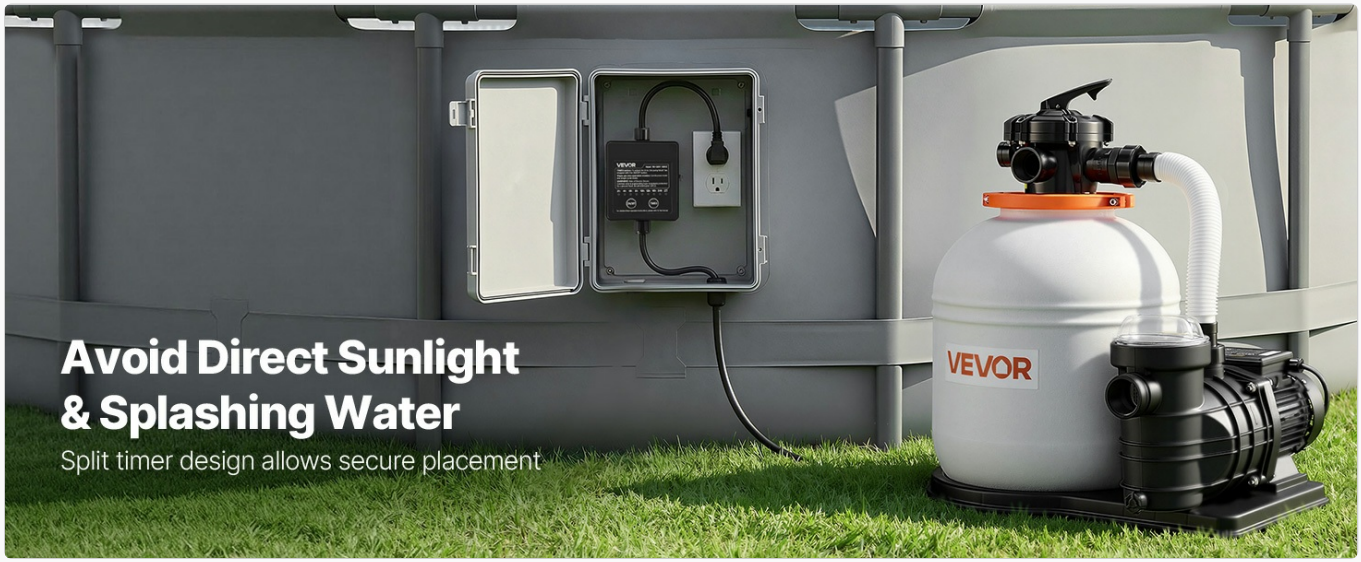

Figure 8: Product Dimensions and Specifications

Specification	Value
Model Number	HCP750A-F
Brand	VEVOR
Max Power	1 HP
Max Flow Rate	4400 GPH
Sand Filter Tank Size	16 in
Max Head	43 ft / 13.11 m
Inlet & Outlet Size	NPT 1.5 in
Net Weight	37.92 lbs / 17.2 kg
Product Dimensions (L x W x H)	23.43" x 20.47" x 25" / 595 x 520 x 635 mm
Voltage	120 Volts (AC)
Material	Polypropylene (PP)

7. Warranty and Support

For warranty information and technical support, please refer to the documentation included with your product or visit the official VEVOR website. VEVOR is committed to providing quality products and customer service.

© 2026 VEVOR. All rights reserved.

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

Open the live page

https://manuals.plus/asin/B0GMQ1Y44J

More documents and user manuals: **https://manuals.plus/**