

VEVOR HAP1100

VEVOR 1.5 HP Single Speed Swimming Pool Pump

MODEL: HAP1100

User Manual

1. Safety Instructions

Read all instructions carefully before installation and operation. Failure to follow these instructions may result in serious injury or property damage.

- **Electrical Safety:** Ensure the pump is properly grounded. An earthing terminal is provided for an extra layer of security. All electrical connections should comply with local and national electrical codes.
- **Overheating Prevention:** Always fill the pump with water before the first use to prevent the motor from overheating.
- **Environmental Conditions:** Do not operate electrical components during extreme weather conditions.
- **Application:** This pump is designed for above-ground pools, hot tubs, thermal springs, spas, and irrigation systems. It is **not** suitable for storable pools.
- **Certification:** This single-speed pool pump is ETL certified, ensuring compliance with security standards.
- **California Restriction:** This item is not available for use or sale in the state of California due to motor limitations required by the CEC.

2. Product Overview

The VEVOR 1.5 HP Single Speed Swimming Pool Pump is engineered for efficient water circulation and filtration in above-ground pool applications. Its robust design ensures durability and reliable performance.

Key Features:

- **Powerful Motor:** Equipped with a 1.5 HP (1100W) pure copper motor operating at 3450 RPM,

featuring built-in airflow ventilation and thermal overload protection.

- **High Flow Rate:** Provides a continuous flow rate of 88 GPM (333 L/min) and a maximum head lift of 43 ft (13 m) for rapid water circulation.
- **Durable Construction:** Made from commercial-grade reinforced thermoplastic (ABS) for corrosion resistance, superior strength, and non-leakage, capable of withstanding water temperatures up to 104 °F.
- **Efficient Filtration:** Features an extra-large, detachable strainer basket with a transparent lid for easy monitoring and cleaning of debris.
- **Low Noise Operation:** Engineered impeller design minimizes noise during operation.
- **Easy Installation:** Includes 2 x 1-1/2" NPT female connectors and 2 x 32-38mm hose interfaces for versatile connection options.

ABOVE GROUND POOL PUMP

Your personal pool butler for healthier swimming

POOL PUMP

ETL Certification

VEVOR®

Image: The VEVOR 1.5 HP Swimming Pool Pump, designed for above-ground pools, shown with a family enjoying a clean pool, highlighting its ETL certification.

1.5 HP COPPER MOTOR

High performance will be with you for countless summers



Image: A detailed view of the VEVOR 1.5 HP copper motor, emphasizing its 1100W power, 115V/60Hz operation, low noise, thermal protection, and non-leakage design.

3. Specifications

Attribute	Value
Brand	VEVOR
Model Number	HAP1100
Horsepower	1.5 HP
Power	1100 W
Voltage	115 V (AC)
Frequency	60 Hz
Maximum Flow Rate	88 Gallons Per Minute (5280 GPH)

Maximum Head Lift	43 Feet (13 m)
Rotating Speed	3450 RPM
Material	Copper, Plastic, Stainless Steel (ABS Construction)
Product Dimensions (L x W x H)	25.8" x 10.2" x 12.8" (65.5 cm x 25.9 cm x 32.5 cm)
Item Weight	12.25 Kilograms (27 lbs)
Max. Water Temperature	104 °F (40 °C)
Included Components	1 x Pool Pump, 1 x Power Cord, 1 x User Manual, 2 x 1-1/2" American standard female connectors, 2 x 32-38mm hose interfaces

WATER CIRCULATION & FILTRATION

Say goodbye to manual cleaning of leaves and hair



POOL PUMP

CLEAN WATER



Gravel



Leaves



Image: Product dimensions and key specifications for the VEVOR 1.5 HP Single Speed Swimming Pool Pump.

4. Setup and Installation

Proper installation is crucial for the pump's performance and longevity. Follow these steps carefully:

1. **Positioning:** Place the pump on a stable, level surface near your pool. Ensure it is within a safe distance from the pool as specified by local regulations.
2. **Connectors:** Attach the appropriate connectors (1-1/2" NPT or 32-38mm hose interfaces) to the inlet and outlet ports of the pump. The pump comes with various adapters to suit different hose types.
3. **Hose Connection:** Connect the pool hoses to the pump's inlet and outlet. Ensure all connections are tight and leak-free.
4. **Grounding:** Connect the earthing terminal on the pump to a proper ground line for electrical safety.
5. **Priming the Pump:** Before the first use, and after any maintenance that drains the pump, fill the strainer basket housing with water. This primes the pump and prevents dry running, which can cause motor damage.
6. **Power Connection:** Plug the pump's power cord directly into a suitable grounded electrical outlet. This pump does not have an on/off switch and is controlled by plugging/unplugging or an external timer.

Your browser does not support the video tag.

Video: Official VEVOR video demonstrating the installation process of the Above Ground Pool Pump, including connecting hoses and priming the unit.



HIGH COMPATIBILITY

Pump all your above ground pools, up to 28,000 gallons

VEVOR

1-1/2 in

1-1/4 in

POOL PUMP

The advertisement features a large image of a smiling child in a pool with a VEVOR pump in the foreground. To the right, there are two sets of connectors: black ones for 1-1/2 in and white ones for 1-1/4 in. At the bottom, three circular inset images show the pump in use: a pool with a pump, a close-up of water flow, and a water slide.

Image: Visual representation of the pump's inlet and outlet, illustrating water flow direction and key performance metrics like 43 ft Max. Head

5. Operating Instructions

Once installed and primed, the pump is ready for operation. It will begin circulating and filtering water as soon as it is powered on.

- **Continuous Operation:** The pump is designed for continuous water circulation to maintain clear and sanitary pool water.
- **Monitoring:** The transparent lid on the strainer basket allows you to visually inspect the internal status and check for debris accumulation without opening the unit.
- **Filtration:** The pump's powerful motor and efficient impeller quickly filter impurities, ensuring a crystal-clear pool.



Image: A close-up of the transparent lid on the strainer basket, demonstrating how users can observe the water flow and internal status of the pump.

6. Maintenance

Regular maintenance ensures optimal performance and extends the lifespan of your pool pump.

- 1. **Strainer Basket Cleaning:** Regularly check the transparent lid to see if the strainer basket needs cleaning. Turn off the pump, remove the lid, empty the basket of collected debris (leaves, gravel, hair), rinse it, and reinstall it securely.
- 2. **Winterization:** When the pump is not in use for extended periods, especially during winter, ensure all water is drained from the pump to prevent freezing and damage. Use the drain plug for complete water removal.
- 3. **Seal Inspection:** Periodically inspect all seals and connections for any signs of wear or leakage. Replace worn seals as necessary.

PRODUCT SPECIFICATION

1.5HP



115 V/ 60 Hz
Voltage

1100 W
Power

43 ft / 13 m
Max. Head Lift

88 GPM
Max. Water Flow

VEVOR®

Image: A visual representation of the pump's water circulation and filtration capabilities, effectively removing debris like leaves and gravel.

PRODUCT SPECIFICATIONS:

VEVOR®

Product Size: 21.77 x 9.92 x 10.31 in / 553 x 252 x 262 mm

Item Weight: 24.3 lbs / 11 kg



Image: The detachable strainer basket, a key component for filtering impurities and simplifying maintenance.

7. Troubleshooting

If you encounter issues with your VEVOR pool pump, refer to the following common problems and solutions:

- **Pump Not Starting:**

- Check power connection and ensure it's securely plugged into a grounded outlet.
- Verify that the circuit breaker has not tripped.
- Ensure the motor is not overheated. Allow it to cool down if necessary.

- **Pump Not Priming / Low Flow:**

- Ensure the pump housing and strainer basket are completely filled with water before starting.
- Check for air leaks in the suction line or around the strainer lid. Tighten connections or replace seals if needed.
- Clean the strainer basket if it's clogged with debris.
- Verify that all valves in the plumbing system are open.

- **Excessive Noise:**

- Check for air leaks in the suction line, which can cause cavitation and noise.
 - Ensure the pump is securely mounted on a stable surface.
 - Inspect the impeller for any obstructions.
 - **Water Leakage:**
 - Inspect all plumbing connections for tightness.
 - Check the strainer lid O-ring for proper seating and condition. Lubricate or replace if damaged.
 - Examine the pump housing for cracks or damage.
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8. Warranty and Support

For warranty claims, technical assistance, or any product-related inquiries, please contact VEVOR customer service.

- **Customer Service Email:** CustomerService@vevor.com
 - Please refer to your purchase documentation for specific warranty terms and conditions.
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