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› Varpoolfaye Pool Heater User Manual - 40000 BTU & 16000 BTU Models

Varpoolfaye 40000 BTU / 16000 BTU Pool Heater

Varpoolfaye Pool Heater User Manual

Models: 40000 BTU & 16000 BTU

1. INTRODUCTION

Thank you for choosing the Varpoolfaye Pool Heater. This manual provides essential information for the safe installation, operation, and maintenance of your new pool heater. Please read this manual thoroughly before installation and keep it for future reference.

The Varpoolfaye Pool Heater is designed to efficiently heat your swimming pool, extending your swimming season and enhancing your comfort. This product is available in two main configurations: a 40000 BTU model suitable for pools up to 12000 gallons, and a 16000 BTU model for pools up to 5000 gallons. Both models feature smart WiFi control for convenient temperature management.



Image 1.1: Varpoolfaye Pool Heater with its smart control interface on a smartphone.

2. SAFETY INFORMATION

WARNING: Failure to follow these safety instructions could result in fire, electric shock, injury, or property damage.

- Always disconnect power to the unit before performing any service or maintenance.
- Installation must be performed by a qualified professional in accordance with all local and national electrical and plumbing codes.
- Do not operate the unit if any part is submerged in water. Contact a qualified technician for inspection.
- Keep all flammable materials away from the heater.
- Ensure proper ventilation around the unit. Do not block air intake or exhaust.
- Children should be supervised to ensure they do not play with the appliance.

3. PRODUCT OVERVIEW

The Varpoolfaye Pool Heater utilizes heat pump technology to efficiently transfer heat from the air to your pool water. Key features include:

- **Powerful Performance:** Available in 40000 BTU for pools up to 12000 gallons (8-28 ft) and 16000 BTU for pools up to 5000 gallons (8-18 ft).
- **Wide Temperature Range:** Heats water from 59-104°F (15-40°C) and can cool from 46-82°F (8-28°C) for the 16000 BTU model.
- **Smart WiFi Control:** Easily adjust temperature, schedule, and functions via a dedicated mobile application.
- **Efficient and Quiet Operation:** Operates by absorbing heat from the air with minimal electricity consumption and a low noise level of 52 dB.
- **Durable Construction:** Features a high-pressure compressor and titanium heat exchanger for longevity.

YEAR-ROUND COMFORT
40000
BTU



Image 3.1: 40000 BTU model for larger pools.

YEAR-ROUND COMFORT

16000 BTU

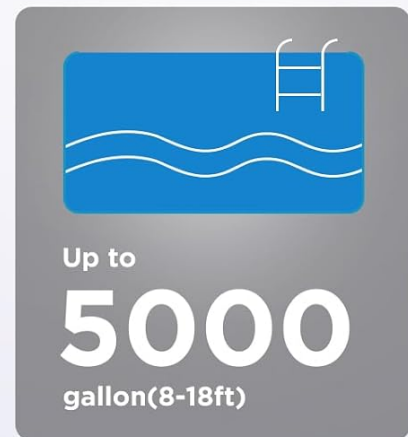
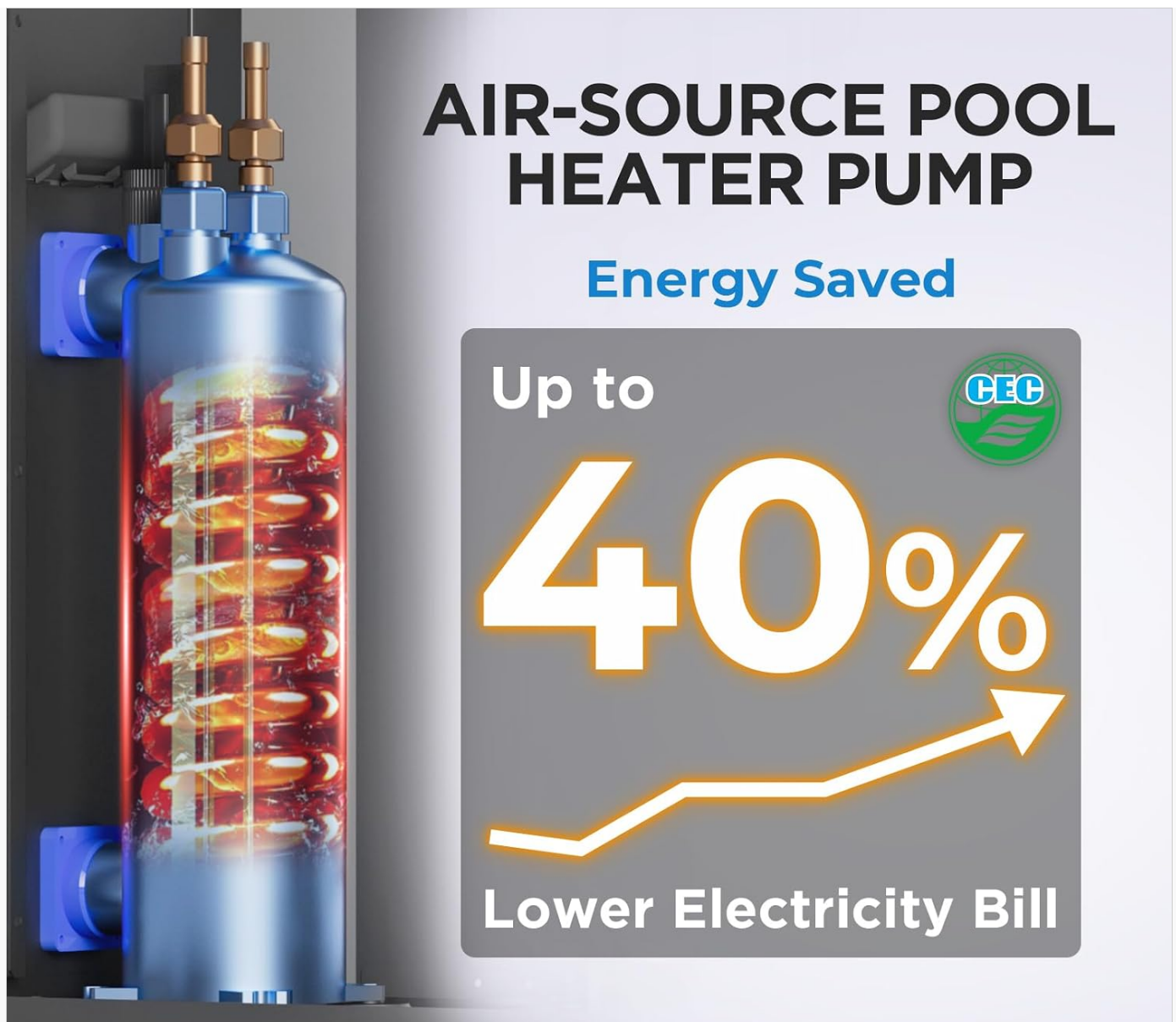


Image 3.2: 16000 BTU model for smaller pools.



AIR-SOURCE POOL HEATER PUMP

Energy Saved

Up to

40%

CEC

Lower Electricity Bill

Image 3.3: Energy efficiency of the Varpoolfaye Pool Heater.

4. SETUP AND INSTALLATION

Proper installation is critical for the performance and safety of your pool heater. Refer to the detailed installation guide provided with your unit for complete instructions. Below are general connection options.

4.1 Water Connection Options

The Varpoolfaye Pool Heater offers multiple connection options for integration into your pool's filtration system. It is recommended to use Option 1 for optimal leak prevention.

1. Option 1: PVC Pipe Connection

This method uses a 1.9-inch PVC pipe connected directly to the heater via a PVC pipe adapter. The adapter converts to an inner diameter of 1.9 inches and an outer diameter of 1.5 inches. This option is included in the accessory package and is recommended for a secure, leak-free connection.

2. Option 2: 1.5-inch Hose Connection

For pools using 1.5-inch hoses, a 40mm to 1 1/2-inch hose conversion kit can be used to connect the hose to the heater's water inlet and outlet.

3. Option 3: 1.25-inch / 1.5-inch Hose Connection

This option involves connecting a 1.25-inch or 1.5-inch hose using a hose adapter and hose clamp.

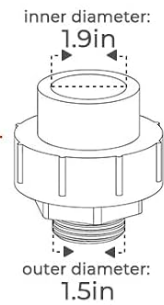
Connection Option



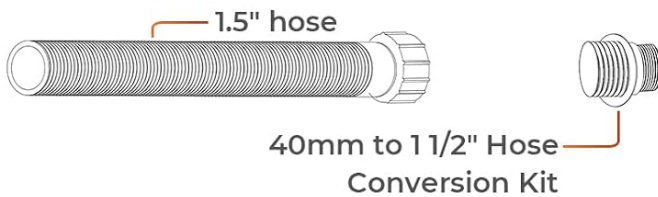
1.9inch PVC pipe



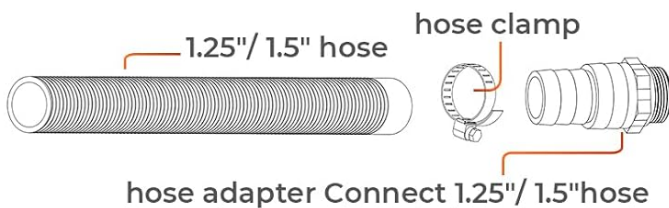
PVC pipe adapter



Option 1 ★★★★★ PVC pipe connection



Option 2 ★★★ Hose connection



hose adapter Connect 1.25"/ 1.5" hose

Option 3 ★ Hose connection



In order to prevent leakage of the pipeline, it is recommended to use installation **Option 1**.

Only Option 1 adapter is included in the accessory package.

Image 4.1: Water connection options for the Varpoolfaye Pool Heater. Option 1 (PVC pipe) is recommended.

4.2 Electrical Connection

Ensure the heater is connected to a dedicated electrical circuit with appropriate voltage and amperage as specified in the technical specifications section and the product label. All electrical work must comply with local codes and be performed by a licensed electrician.

4.3 Placement

Place the unit on a solid, level surface. Ensure adequate clearance around the unit for proper airflow and maintenance access. Avoid placing the unit in direct sunlight or in areas prone to excessive debris accumulation.

5. OPERATING INSTRUCTIONS

Your Varpoolfaye Pool Heater is designed for user-friendly operation, primarily through its integrated control panel and the smart WiFi application.

5.1 Initial Startup

1. Ensure all plumbing connections are secure and leak-free.
2. Verify that the pool pump is running and water is flowing through the heater.
3. Turn on the electrical power to the heater.
4. The unit will perform a self-check. Follow any on-screen prompts or refer to the app for initial setup.

5.2 Smart WiFi Control

The Varpoolfaye Pool Heater can be controlled remotely via a smartphone application. Download the official Varpoolfaye app from your device's app store.

1. **Pairing:** Follow the in-app instructions to pair your heater with your smartphone. This typically involves putting the heater into pairing mode and connecting to its temporary WiFi network before linking it to your home network.
2. **Temperature Adjustment:** Use the app to set your desired pool water temperature. The heater will automatically work to maintain this temperature.
3. **Scheduling:** Create heating schedules to optimize energy consumption and ensure your pool is warm when you need it.
4. **Mode Selection:** Switch between heating and cooling modes (if applicable to your model).



Image 5.1: Smartphone app showing a target temperature of 102°F.



Image 5.2: Smartphone app showing a target temperature of 70°F.

5.3 Manual Control (if applicable)

Some models may feature a basic control panel on the unit itself for direct temperature adjustment and mode selection. Refer to your specific model's instructions for details.

6. MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your Varpoolfaye Pool Heater.

- **Clean the Coils:** Periodically inspect and clean the evaporator coils to remove leaves, dirt, and other debris that can obstruct airflow. Use a soft brush or vacuum.
- **Check Water Flow:** Ensure consistent and adequate water flow through the heater. Blockages in the pool's filtration system can reduce heater efficiency.
- **Inspect Connections:** Regularly check all plumbing and electrical connections for signs of leaks, corrosion, or wear.

Tighten connections as needed.

- **Winterization:** In colder climates, proper winterization is essential to prevent damage from freezing. Consult a pool professional for specific winterization procedures for your region and heater type.
- **Professional Inspection:** Consider an annual professional inspection to ensure all components are functioning correctly and to identify any potential issues early.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your Varpoolfaye Pool Heater. For problems not listed here, or if solutions do not resolve the issue, contact customer support.

Problem	Possible Cause	Solution
Heater not turning on	No power, tripped breaker, faulty wiring	Check power supply and circuit breaker. Ensure unit is properly plugged in. Consult an electrician if issues persist.
Insufficient heating	Low water flow, dirty coils, incorrect temperature setting, undersized unit for pool volume	Ensure pool pump is running and filters are clean. Clean evaporator coils. Verify desired temperature setting. Allow sufficient time for heating.
Unit making unusual noise	Debris in fan, loose components, compressor issue	Turn off power and inspect fan for obstructions. Tighten any loose screws. If noise persists, contact customer support.
Water leaks	Loose plumbing connections, damaged seals or pipes	Inspect all plumbing connections and tighten as necessary. Check for visible damage to pipes or seals. Contact a professional if a leak cannot be stopped.
WiFi connection issues	Incorrect network password, router too far, app not updated	Verify WiFi password. Ensure unit is within range of your router. Update the Varpoolfaye app. Restart router and heater.

8. SPECIFICATIONS

Feature	40000 BTU Model	16000 BTU Model
Max Heat Output	40000 BTU	16000 BTU
Recommended Pool Size	Up to 12000 gallons (8-28 ft)	Up to 5000 gallons (8-18 ft)
Heating Temperature Range	59-104°F (15-40°C)	59-104°F (15-40°C)
Cooling Temperature Range	Not specified	46-82°F (8-28°C)
Noise Level	52 dB	52 dB
Heat Exchanger Material	Titanium	Titanium
Control Method	Smart WiFi App	Smart WiFi App

Feature	40000 BTU Model	16000 BTU Model
ASIN	B0FPQZRP38	B0FPQZRP38
Date First Available	May 31, 2025	May 31, 2025

9. WARRANTY AND SUPPORT

For warranty information, please refer to the warranty card included with your product or contact Varpoolfaye customer service. Keep your proof of purchase for warranty claims.

If you require technical assistance, troubleshooting beyond this manual, or have questions regarding your Varpoolfaye Pool Heater, please contact our customer support team:

- **Website:** Visit the official Varpoolfaye website for support resources and contact information.
- **Email:** Refer to your product packaging or the Varpoolfaye website for the customer support email address.
- **Phone:** Refer to your product packaging or the Varpoolfaye website for customer support phone numbers.

When contacting support, please have your product model number and ASIN (B0FPQZRP38) ready.

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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

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