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› Varpoolfaye 35100BTU Electric Pool Heater Instruction Manual

Varpoolfaye 35100BTU

Varpoolfaye 35100BTU Electric Pool Heater Instruction Manual

Model: 35100BTU | Brand: Varpoolfaye

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your Varpoolfaye 35100BTU Electric Pool Heater. Please read this manual thoroughly before installation and use, and retain it for future reference. This unit is designed to provide year-round comfort for above-ground or in-ground pools up to 10,000 gallons, offering both heating and cooling functionalities.

2. SAFETY INFORMATION

WARNING: Electrical Shock Hazard. Read all instructions before use.

- Ensure the unit is installed by a qualified electrician in accordance with all local and national electrical codes.
- Always disconnect power to the unit before performing any maintenance or service.
- Do not operate the unit if the power cord or plug is damaged.
- Keep children and pets away from the unit during operation.
- Ensure proper grounding to prevent electrical shock.
- Do not spray water directly onto the unit.
- Maintain adequate clearance around the unit for proper airflow.

3. PRODUCT OVERVIEW

The Varpoolfaye 35100BTU Electric Pool Heater is a high-performance heat pump designed for optimal pool temperature control. It features a robust design and smart control options.

Key Features:

- **Powerful Performance:** Max output of 35100 BTU with a COP of 6.5, suitable for pools up to 10,000 gallons.
- **Year-Round Comfort:** Offers both heating (59°F-104°F) and cooling (46°F-86°F) modes.
- **Smart WiFi Control:** 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 53 dB.
- **Durable Construction:** Features a titanium heat exchanger for compatibility with freshwater or saltwater pools.



YEAR-ROUND COMFORT

35100 BTU

Up to

10000 gallon(8-26ft)

Image: The Varpoolfaye heat pump providing year-round comfort for pools up to 10,000 gallons.



Image: The Varpoolfaye heat pump is compatible with various pool shapes including rectangular, round, oval, and kidney.

4. SETUP AND INSTALLATION

Proper installation is crucial for the performance and longevity of your pool heater. Refer to the diagrams below for connection options and overall system integration.

4.1 Connection Options

The unit offers multiple connection methods. For optimal performance and to prevent leakage, PVC pipe connection (Option 1) is recommended. Only the adapter for Option 1 is included in the accessory package.

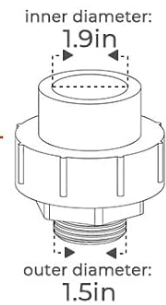
Connection Option



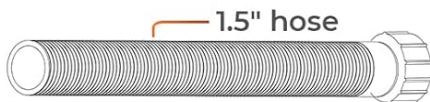
1.9inch PVC pipe



PVC pipe adapter



Option 1 ★★★★★ PVC pipe connection

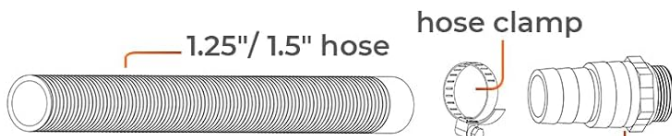


1.5" hose



40mm to 1 1/2" Hose Conversion Kit

Option 2 ★★★ Hose connection



1.25"/ 1.5" hose

hose clamp

hose adapter Connect 1.25"/ 1.5" hose

Option 3 ★ Hose connection



Water outlet



Water inlet



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: Detailed diagram showing three connection options for the pool heater, including PVC pipe and various hose sizes with adapters. Water inlet and outlet are clearly marked.

4.2 System Installation Diagram

The heat pump should be integrated into your existing pool filtration system. Water flows from the pool, through the filter pump, then through the heat pump, and back to the pool. For in-ground pools, a chlorinator and sand filter are typically part of the system.

INSTALLATION

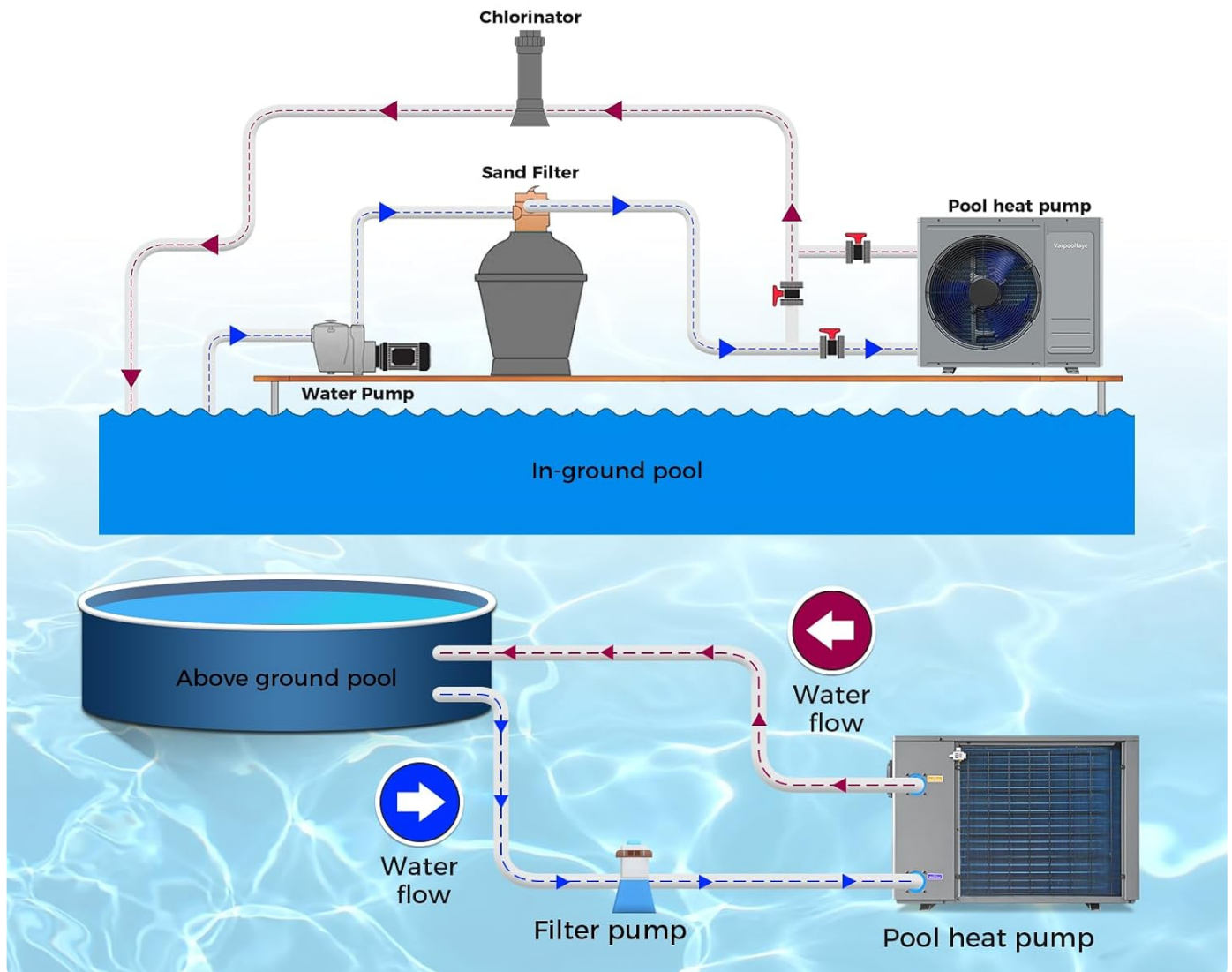


Image: Installation diagram for both in-ground and above-ground pools, showing the water flow path through the filter, pump, and heat pump.

4.3 Dimensions and Included Accessories

The unit has dimensions of approximately 34 inches (width) x 28 inches (height) x 15 inches (depth). The power cord is 126 inches long. The accessory package includes:

- 2 x Adapters (for PVC pipe connection)
- 1 x Condense Water Draining Hose
- 4 x Rubber Shock Absorption Pads
- 1 x Condense Water Draining Fitting



Image: Visual representation of the heat pump's dimensions and a list of included accessories.

5. OPERATING INSTRUCTIONS

Your Varpoolfaye pool heater offers intuitive control through its integrated panel and a smart WiFi application.

5.1 Temperature Control

The unit provides both heating and cooling modes to maintain your desired pool temperature. The heating range is 59°F to 104°F, and the cooling range is 46°F to 86°F.

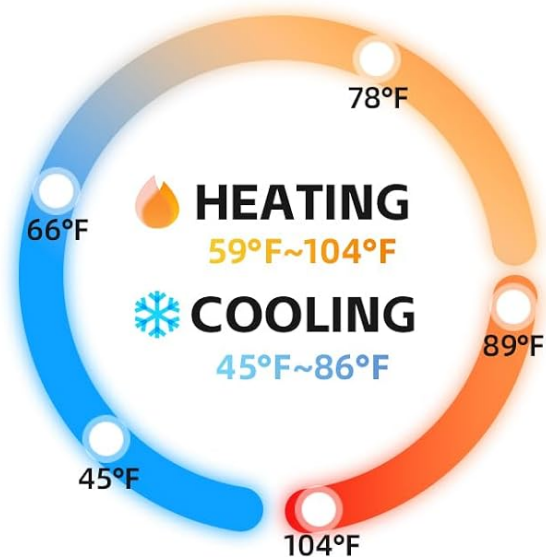


Image: Visual guide to heating and cooling temperature ranges, along with a smartphone displaying the app interface for temperature control.

5.2 Smart WiFi App Control

Download the dedicated Varpoolfaye app to control your pool heater remotely. The app allows you to adjust temperature, set schedules, and monitor the unit's status from your smartphone.



Image: The smart WiFi app interface for seamless control of your pool heater.

5.3 Control Panel Operation

You can also adjust settings directly on the unit's waterproof control panel. Use the up/down arrows to set the desired temperature and navigate through menu options.



Image: A hand interacting with the unit's control panel to adjust settings.

5.4 Smart Scheduling

Utilize the smart scheduling feature via the app to set specific power on/off times and different working schedules for automated temperature management.



Image: The smart scheduling interface on the mobile app, allowing users to program daily power on/off times.

5.5 Product Video Overview

Your browser does not support the video tag.

Video: An official product video demonstrating the Varpoolfaye pool heat pump's features, including smart control and year-round comfort for your pool.

6. MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your Varpoolfaye pool heater.

- **Clean the Unit:** Periodically clean the exterior of the unit to remove dust, leaves, and debris. Ensure the fan blades are free from obstructions.
- **Check Airflow:** Ensure there is unobstructed airflow around the unit. Clear any vegetation or objects that may block the air intake or exhaust.
- **Inspect Connections:** Regularly check all water and electrical connections for leaks or signs of wear. Tighten connections as needed.
- **Winterization:** In colder climates, proper winterization is essential. Consult a pool professional for specific winterization procedures for your heat pump and pool system.
- **Condensate Drain:** Ensure the condensate drain hose is clear and free-flowing to prevent water buildup.

7. TROUBLESHOOTING

Refer to the following common issues and solutions before contacting customer support.

Problem	Possible Cause	Solution
Unit not turning on	No power supply, tripped breaker, faulty wiring.	Check power connection, reset circuit breaker. Consult an electrician if issues persist.
Insufficient heating/cooling	Low water flow, dirty filter, ambient temperature too low/high, incorrect settings.	Ensure pump is running and filter is clean. Verify temperature settings. Check ambient conditions against operating ranges.

Problem	Possible Cause	Solution
Unusual noise	Fan obstruction, loose components, compressor issue.	Inspect fan for debris. Ensure unit is on a stable surface. If noise persists, contact support.
Water leakage	Loose connections, damaged plumbing, condensate drain blockage.	Check and tighten all water connections. Clear condensate drain. If leakage continues, contact support.
WiFi connection issues	Weak WiFi signal, incorrect app setup, router issues.	Ensure unit is within WiFi range. Re-pair the device in the app. Restart your router.

8. SPECIFICATIONS

Specification	Detail
Model	35100BTU Electric Pool Heater
Brand	Varpoolfaye
ASIN	B0FH6VPBC3
BTU Output	35100 BTU
COP (Coefficient of Performance)	6.5
Recommended Pool Capacity	Up to 10,000 Gallons
Power Supply	220V, 60Hz
Heating Temperature Range	59°F - 104°F (15°C - 40°C)
Cooling Temperature Range	46°F - 86°F (8°C - 30°C)
Noise Level	53 dB
Heat Exchanger Material	Titanium
Water Connectors	1.5 inch
Power Cord Length	126 inches
Parcel Dimensions	98 x 80 x 42 cm; 52 kg
Date First Available	July 10, 2025

35100 BTU Heat Pump Selection Guide			
Max pool depth	Gallons	Required at this ambient fahrenheit	Maximum heatable temperature
3.94 ft	7000	59°F	86°F
	5000	59°F	95°F
	7000	50°F	75°F
	5000	50°F	82°F
Max pool depth	Gallons	Required at this ambient fahrenheit	Maximum heatable temperature
3.28 ft	7000	59°F	83°F
	5000	59°F	93°F
	7000	50°F	73°F
	5000	50°F	80°F

Image: 35100 BTU Heat Pump Selection Guide, detailing performance based on pool depth, volume, and ambient temperature.

9. WARRANTY AND SUPPORT

Your Varpoolfaye 35100BTU Electric Pool Heater comes with a manufacturer's warranty. Please refer to the warranty card included in your product packaging for specific terms and conditions.

Customer Support:

For technical assistance, troubleshooting beyond this manual, or warranty claims, please contact Varpoolfaye customer support. Contact information can typically be found on the product packaging or the official Varpoolfaye website. You may also visit the [Varpoolfaye Store on Amazon](#) for additional product information and support resources.

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