

[Manuals.plus](#) /

> [Varpoolfaye](#) /

> Varpoolfaye 140000 BTU Inverter Pool Heat Pump User Manual (Model KSPF-035L3VUD2)

Varpoolfaye KSPF-035L3VUD2

Varpoolfaye 140000 BTU Inverter Pool Heat Pump

MODEL: KSPF-035L3VUD2 USER MANUAL

1. Important Safety Information

Please read this manual thoroughly before installation, operation, or maintenance. Failure to follow these instructions may result in property damage, serious injury, or death. Keep this manual for future reference.

- **Electrical Safety:** This unit requires a 220V-240V / 60Hz electrical supply. All electrical connections must be performed by a qualified electrician in accordance with local and national electrical codes. Ensure proper grounding.
- **Water Safety:** Always ensure the pool pump is running and water is flowing through the heat pump before operating the unit. Operating without water flow can damage the heater.
- **Refrigerant:** This unit contains A2L R32 refrigerant. Servicing should only be performed by certified personnel. Do not attempt to open the refrigerant system.
- **Placement:** Ensure adequate clearance around the unit for proper airflow and maintenance. Do not block air inlets or outlets.
- **Children:** Keep children away from the unit during operation and maintenance.

2. Product Overview

The Varpoolfaye 140000 BTU Inverter Pool Heat Pump is designed to efficiently heat or cool your pool water, providing a comfortable swimming experience. It utilizes inverter technology for energy savings and features Wi-Fi control for convenient remote operation.

Key Features:

- **High Efficiency:** Delivers 140000 BTU with a COP of up to 12.8, reducing electricity costs.
- **Quiet Operation:** Operates at a low noise level of 47dB, ensuring a peaceful environment.
- **Versatile Use:** Suitable for both freshwater and saltwater pools, including above-ground and in-ground pools up to 42000 gallons.
- **Inverter Technology:** Provides longer lifespan and lower energy consumption.
- **Smart Control:** Features an intelligent control panel and Wi-Fi remote control via a dedicated app.



Figure 2.1: Varpoolfaye 140000 BTU Inverter Pool Heat Pump.

Varpoolfaye

Pool Heater Pump

140000^{BTU}



Varpoolfaye

140000BTU
Warming



220V-240V
/60HZ



42000
Gallon



Top Air
Outlet



WARRANTY

★ 3 YEAR ★

WARRANTY

Figure 2.2: Overview of the Varpoolfaye 140000 BTU Inverter Pool Heat Pump highlighting its capacity, voltage, and air outlet design.

Remote Control

Can be controlled anytime and anywhere, with advance timing settings, allowing you to swim at will.

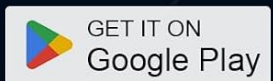
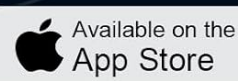
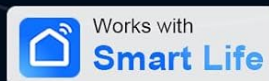


Figure 2.3: Remote control interface for the Varpoolfaye pool heat pump, showing temperature settings and scheduling options.

3-Surface Heat Exchange + Top Air Outlet Design

ENERGY COST SAVING 45%

- ✓ Higher heat exchange efficiency
- ✓ Adapts to various installation environments

max
COP 12.80



Figure 2.4: Illustration of the 3-Surface Heat Exchange and Top Air Outlet Design, contributing to energy efficiency.

Inverter Compressor

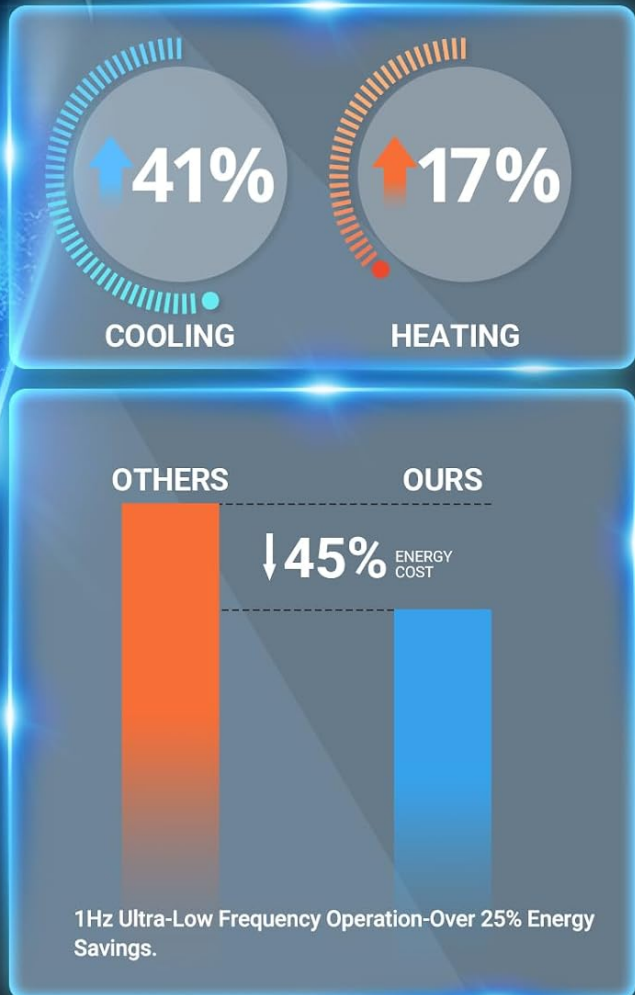


Figure 2.5: Visual representation of the Inverter Compressor technology, showing energy savings for heating and cooling.

Varpoolfaye

140000 BTU

Inverter Pool Heat Pump



Stronger, more convenient, more comfortable

Figure 2.6: The Varpoolfaye pool heat pump operating quietly, demonstrating its low noise level of less than 47dB.

3. Setup and Installation

Proper installation is crucial for the performance and longevity of your heat pump. Refer to the detailed installation guide provided with your unit for complete instructions. Below are general steps and important considerations.

3.1 Placement

- Choose a well-ventilated outdoor location, away from obstructions that could block airflow.
- Ensure the unit is placed on a stable, level surface.

3.2 Water Connections

The heat pump should be installed in the pool's filtration system after the filter and before any chemical feeders. The unit includes 1.5-inch connectors.

- Connect the pool water outlet to the heat pump's water inlet.

- Connect the heat pump's water outlet back to the pool return line.
- Ensure all connections are watertight to prevent leaks.

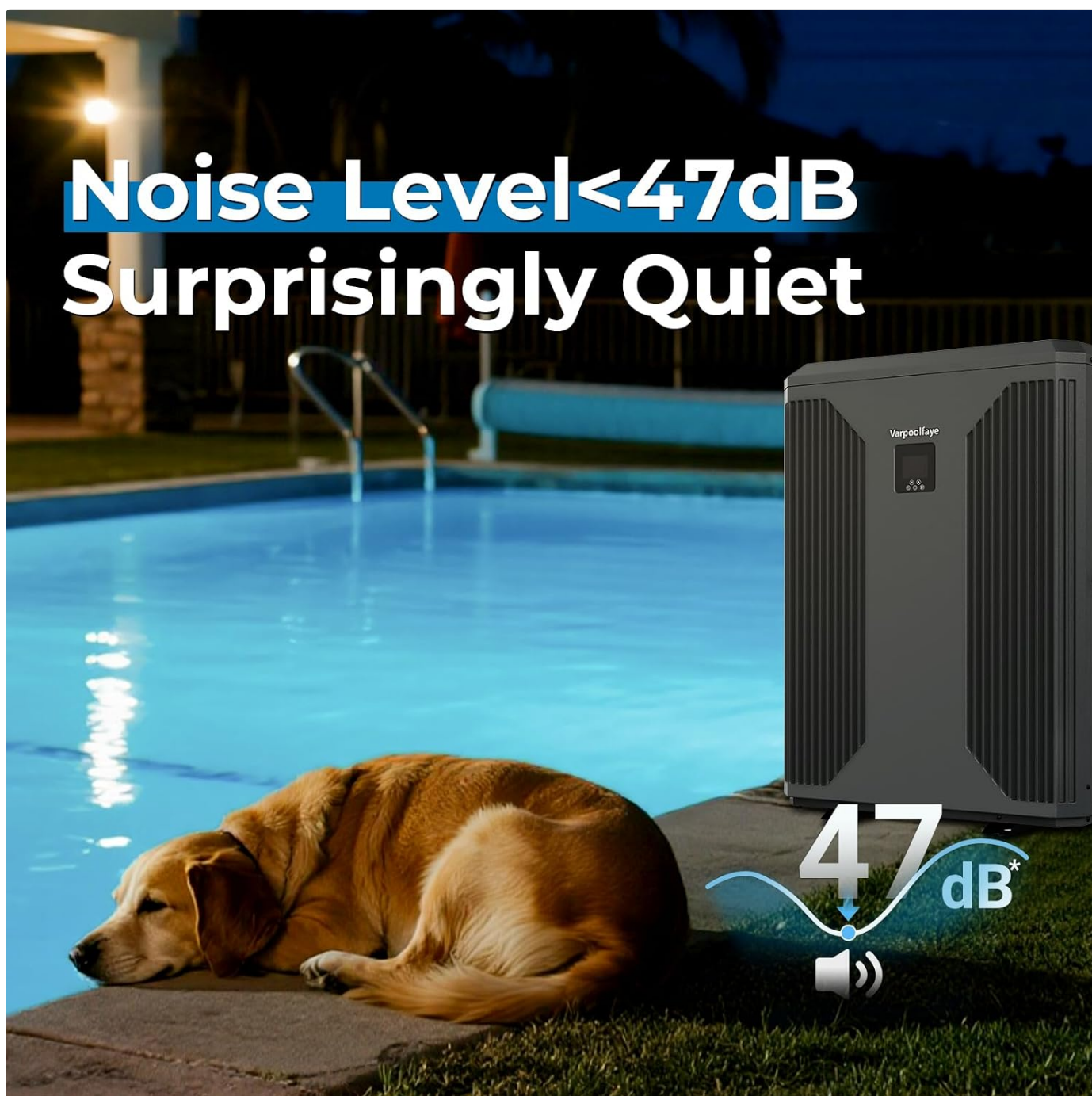


Figure 3.1: Connection options for the pool heat pump, including PVC pipe and hose connections. The accessory package includes the PVC pipe adapter (Option 1).

3.3 Electrical Connections

The unit requires a dedicated 220V-240V / 60Hz circuit. A 118-inch power cord is included. Consult a qualified electrician for all electrical wiring to ensure compliance with local codes and safety standards.

3.4 Video Guides for Installation

Your browser does not support the video tag.

Video 3.1: Guide on installing Intex fittings for the pool heat pump. This video demonstrates the process of connecting flexible hoses to the unit.

Your browser does not support the video tag.

Video 3.2: Instructions for installing rigid pipe fittings to the pool heat pump. This video shows how to securely attach PVC pipes to the

4. Operating Instructions

The Varpoolfaye heat pump features an intelligent control panel and Wi-Fi connectivity for easy operation.

4.1 Initial Start-up

1. Ensure the pool pump is running and water is circulating through the heat pump.
2. Open the protective cover of the control panel.
3. Press the power button on the control panel to turn on the device. Confirm the action when prompted.
4. The display will show current water inlet/outlet temperatures, ambient temperature, and the set temperature.

Your browser does not support the video tag.

Video 4.1: A short guide on how to start up the Varpoolfaye pool heat pump using the control panel.

4.2 Mode Selection

Access the settings menu on the control panel to select your desired operating mode:

- **ECO Heating:** Energy-efficient heating mode.
- **Boost Heating:** Rapid heating for quicker temperature increase.
- **Intelligent Heating:** Automatically adjusts operation for optimal heating.
- **ECO Cooling:** Energy-efficient cooling mode.
- **Boost Cooling:** Rapid cooling for quicker temperature decrease.
- **Intelligent Cooling:** Automatically adjusts operation for optimal cooling.
- **Automatic Mode:** The unit intelligently switches between heating and cooling to maintain the set temperature.

Your browser does not support the video tag.

Video 4.2: Demonstration of how to select different operating modes on the heat pump's control panel.

4.3 Wi-Fi Remote Control

Download the Varpoolfaye app (compatible with Smart Life, available on App Store and Google Play) to control your heat pump remotely. The app allows you to:

- Adjust temperature settings.
- Schedule run times.
- Switch between operating modes.
- Monitor current pool and ambient temperatures.

Remote Control

Can be controlled anytime and anywhere, with advance timing settings, allowing you to swim at will.

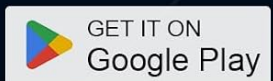
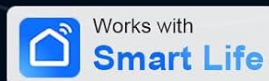


Figure 4.1: The remote control application interface, showing temperature adjustment and scheduling features.

5. Maintenance

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

- **Clean the Coils:** Periodically inspect and clean the evaporator coils to remove leaves, dirt, and debris. Blocked coils reduce efficiency.
- **Check Water Flow:** Ensure consistent and adequate water flow through the unit. Clean pool filters regularly to prevent reduced flow.
- **Inspect Wiring:** Annually, have a qualified technician inspect electrical connections for wear or corrosion.
- **Winterization:** In colder climates, proper winterization is essential to prevent freezing damage. Consult your local dealer or the full product manual for specific winterization procedures. This typically involves draining water from the unit and covering it.
- **General Cleaning:** Keep the exterior of the unit clean. Do not use harsh chemicals that could damage the casing.

6. Troubleshooting

If you encounter issues with your heat pump, refer to the following basic troubleshooting steps. For complex problems, contact customer support.

- **Unit Not Turning On:** Check the power supply, circuit breaker, and ensure the unit is properly plugged in. Verify the control panel is not locked.
- **No Heat/Cooling:** Ensure the pool pump is running and there is sufficient water flow. Check the selected operating mode and set temperature. Clean coils if dirty.
- **Error Codes:** If an error code appears on the display, consult the full product manual for specific code meanings and recommended actions.
- **Unusual Noise:** Inspect for any loose parts or obstructions in the fan area. If the noise persists, contact support.

7. Specifications

Detailed technical specifications for the Varpoolfaye 140000 BTU Inverter Pool Heat Pump, Model KSPF-035L3VUD2.

Specification	Value
Model Number	KSPF-035L3VUD2
Heating Capacity	140000 BTU
Coefficient of Performance (COP)	Up to 12.8
Electrical Supply	220V-240V / 60Hz
Recommended Pool Size	Up to 42000 Gallons
Noise Level	Less than 47dB
Product Dimensions (L x W x H)	28.7 x 28.7 x 38.6 inches
Item Weight	337 pounds
Refrigerant Type	A2L R32

140000 BTU Heat Pump Selection Guide

Max pool depth	Gallons	Required at this ambient fahrenheit	Maximum heatable temperature
5.58 ft	42000	72°F	97°F
	35000	72°F	100°F
	42000	59°F	82°F
	35000	59°F	85°F
Max pool depth	Gallons	Required at this ambient fahrenheit	Maximum heatable temperature
4.92 ft	42000	72°F	92°F
	35000	72°F	97°F
	42000	59°F	80°F
	35000	59°F	83°F

Figure 7.1: Heat Pump Selection Guide indicating maximum heatable temperatures based on pool depth, gallons, and ambient temperature.

8. Warranty and Support

Your Varpoolfaye 140000 BTU Inverter Pool Heat Pump is covered by a **3-year warranty**. This warranty covers defects in materials and workmanship under normal use and service.

8.1 Customer Support

For technical assistance, warranty claims, or any questions regarding your product, please contact Varpoolfaye-US customer support. Refer to your purchase documentation for specific contact details or visit the Varpoolfaye official website.

Seller: Varpoolfaye-US

Returns: 30-day easy returns policy applies.

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/B0G257RQPJ>

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