

[Manuals.plus](#) /

› [Varpoolfaye](#) /

› Varpoolfaye 88000 BTU Electric Pool Heat Pump User Manual (Model KSPF-007L1MR1A2)

Varpoolfaye KSPF-007L1MR1A2

Varpoolfaye 88000 BTU Electric Pool Heat Pump User Manual

Model: KSPF-007L1MR1A2

For Inground and Above Ground Pools up to 24000 Gallons

PRODUCT OVERVIEW

The Varpoolfaye 88000 BTU Electric Pool Heat Pump is designed to efficiently heat or cool your inground or above-ground pool. Featuring advanced inverter technology and WiFi control, this unit provides a comfortable swimming experience with reduced energy consumption.

- **Powerful Heating:** Delivers 88000 BTU with a high COP of 12.5, ensuring rapid and stable water temperature.
- **Quiet Operation:** Operates at a low noise level of 47dB, suitable for peaceful pool environments.
- **Inverter Technology:** Features an upgraded inverter mode for extended lifespan and lower energy usage.
- **Smart Control:** Equipped with an intelligent touch control panel and WiFi remote access via a mobile app for convenient temperature adjustments, scheduling, and mode switching.
- **Versatile Application:** Compatible with both freshwater and saltwater pools.
- **Safety Features:** Designed with water-electric separation for enhanced user safety.



Figure 1: Varpoolfaye 88000 BTU Electric Pool Heat Pump. This image shows the main unit with its fan and control panel, highlighting its 88000 BTU warming capacity, 220V-240V/60Hz power, suitability for 24000 gallon pools, and energy-efficient design.

SETUP AND INSTALLATION

Proper installation is crucial for the optimal performance and safety of your Varpoolfaye pool heat pump. The unit includes 1.5-inch connectors and a 118-inch power cord for quick setup.

Connecting to Your Pool System

The heat pump is designed to integrate seamlessly with your existing pool filtration system. Water flows from your pool pump into the heat pump's inlet, gets heated, and then returns to the pool through the outlet.

- Identify the inlet and outlet ports on the heat pump. The inlet typically receives colder water from the pool pump, and the outlet returns heated water to the pool.
- Utilize the provided 1.5-inch connectors and adapters to ensure a secure and watertight connection between the heat pump and your pool hoses or PVC piping.

- Ensure all connections are tightened to prevent leaks.



Figure 2: Packing List. This image displays the heat pump unit, instruction manual, condense water draining hose, rubber shock absorption pads, condense water draining fitting, and adapter, illustrating the components included for installation.

Video Guides for Connection

For detailed visual instructions on connecting the heat pump to your pool system, please refer to the following official videos:

Rigid Pipe Fitting Installation

Your browser does not support the video tag.

This video demonstrates the process of installing rigid pipe fittings for the Varpoolfaye pool heat pump, ensuring a secure connection to your pool's plumbing system.

Intex Fitting Installation

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This video provides instructions for installing Intex fittings, which are commonly used with above-ground pools, to connect the heat pump.

OPERATING INSTRUCTIONS

The Varpoolfaye heat pump offers user-friendly controls for managing your pool's temperature.

Control Panel Operation

The intelligent touch control panel allows for direct adjustments:

- **Power On/Off:** Use the power button to activate or deactivate the unit.
- **Temperature Setting:** Adjust the desired water temperature using the up and down arrows.
- **Mode Selection:** Choose between heating, cooling, or other available modes (e.g., Boost Heat, Silent Heat) as needed.
- **One-Button Fast Heat:** Activate this function for rapid heating when desired.



Figure 3: Remote Control + Enhanced Touchscreen. This image illustrates the heat pump's control panel and a smartphone app interface, demonstrating how the unit can be controlled remotely and locally with advanced timing settings.

WiFi Remote Control

Control your pool heat pump from anywhere using the dedicated mobile application. The app allows you to:

- Adjust the target water temperature.
- Schedule operating times.
- Switch between heating and cooling modes.
- Monitor energy usage.

General Operation Overview

Varpoolfaye 88000 BTU Pool Heat Pump for Inground Pools

Your browser does not support the video tag.

This video provides a general overview of the Varpoolfaye 88000 BTU pool heat pump, showcasing its features and benefits for

MAINTENANCE

The Varpoolfaye heat pump is designed for low maintenance, ensuring hassle-free operation throughout the swimming season.

- **Auto-Defrost Function:** The unit features an automatic defrost system that activates as needed, eliminating the need for manual frost removal.
- **Regular Cleaning:** Periodically inspect and clean the exterior of the unit to ensure proper airflow and efficiency.
- **Pool Cover Recommendation:** Using a pool cover significantly improves heating efficiency and helps maintain desired water temperatures, especially overnight.



Figure 4: The Pool Cover Helps Improve Heating Efficiency by 46.15%. This image illustrates how a pool cover helps retain heat and improve the overall efficiency of the pool heating system.

TROUBLESHOOTING

If you encounter issues with your heat pump, consider the following common solutions:

- **Insufficient Heating/Cooling:** Ensure your pool pump is providing adequate water flow through the heat pump. A bypass system may be necessary if your pump's flow rate is too high for optimal heat exchange.
- **WiFi Connectivity Issues:** Check the distance between the heat pump and your WiFi router. If the signal is weak, consider using a WiFi extender to improve connectivity.
- **Power Supply:** Verify that the heat pump is connected to an isolated electrical circuit to prevent interference or overload with other appliances.
- **Temperature Discrepancy:** If the displayed temperature is inaccurate, allow the system more time to stabilize or consult the detailed manual for calibration steps.

For persistent issues, refer to the complete instruction manual or contact customer support.

SPECIFICATIONS

Detailed technical specifications for the Varpoolfaye 88000 BTU Electric Pool Heat Pump (Model KSPF-007L1MR1A2):

Feature	Value
Model Number	KSPF-007L1MR1A2
BTU Output	88000 BTU
Power Supply	220V-240V
Max Pool Capacity	24000 Gallons
COP (Coefficient of Performance)	12.5
Noise Level	<47dB
Package Dimensions	50 x 40 x 37 inches
Item Weight	194.6 pounds
Manufacturer	Varpoolfaye

Pay Less Save More

SAVING OVER 45%

OTHERS

R410A
REFRIGERANT

OUR

R32
REFRIGERANT

45%



High Energy Efficiency



Lower Energy Cost

max
COP 12.50



Energy Cost Saving

Figure 5: 88000 BTU Heat Pump Selection Guide. This table provides guidance on maximum heatable temperatures based on pool depth, gallons, and ambient Fahrenheit for various pool sizes.

WARRANTY INFORMATION

This Varpoolfaye product typically comes with a manufacturer's warranty covering defects in materials and workmanship. For specific warranty terms, duration, and claim procedures, please refer to the warranty card included with your product or contact Varpoolfaye customer support directly. Extended protection plans may also be available for purchase.

CUSTOMER SUPPORT

For any questions, technical assistance, or support regarding your Varpoolfaye Electric Pool Heat Pump, please contact our customer service team:

- **Manufacturer:** Varpoolfaye-US
- **Online Support:** Visit the official Varpoolfaye website for FAQs and support resources.

- **Contact Information:** Refer to your product packaging or the included manual for specific contact details (phone, email).

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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