

[Manuals.plus](#) /

› [Varpoolfaye](#) /

› Varpoolfaye Electric Pool Heater (Model KSPF-007L1MR1A2) Instruction Manual

Varpoolfaye KSPF-007L1MR1A2

Varpoolfaye Electric Pool Heater

MODEL: KSPF-007L1MR1A2

Instruction Manual

1. Introduction

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your Varpoolfaye Electric Pool Heater. Please read this manual thoroughly before installation and use, and retain it for future reference.

The Varpoolfaye Electric Pool Heater is designed to provide year-round comfort for your swimming pool, offering both heating and cooling functionalities. It is suitable for both inground and above-ground pools up to 7000 gallons.

YEAR-ROUND COMFORT



27000

BTU

Up to

7000

gallon(8-22ft)

Figure 1: Varpoolfaye Electric Pool Heater, 27000 BTU, suitable for pools up to 7000 gallons.

2. Safety Information

Always follow basic safety precautions when installing and operating this electrical equipment to reduce the risk of fire, electric shock, or injury. This appliance must be installed by a qualified professional in accordance with all local and national electrical and plumbing codes.

- Ensure the power supply is disconnected before any installation or maintenance.
- 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 electric shock.
- Maintain adequate clearance around the unit for proper airflow.

3. Product Features

- **Powerful & Efficient:** Delivers 27000 BTU with a 6.2 COP, utilizing air energy for heating pools up to 7000 gallons, optimizing electricity usage.
- **All-Season Comfort:** Supports heating (59°F-104°F) and cooling (45°F-86°F) for year-round pool enjoyment.
- **Smart Remote Control:** Manage your pool heater via WiFi, enabling scheduled heating, cooling, and power control

from any location.

- **Quiet & Versatile:** Operates at 52dB, compatible with both saltwater and freshwater systems.
- **Simple Installation:** Includes a 1.5-inch connector and 126-inch power cord for straightforward setup.

4. Setup and Installation

Proper installation is crucial for the performance and longevity of your Varpoolfaye Electric Pool Heater. Refer to the diagrams and videos below for guidance.

4.1 Included Components & Dimensions



Figure 2: Product dimensions and included accessories for installation.

4.2 Pool Compatibility

The Varpoolfaye Electric Pool Heater is compatible with various pool types, including rectangular, round, oval, and kidney-shaped pools.



Figure 3: The pool heater is compatible with various pool shapes.

4.3 Plumbing Connection

Connect the pool heater to your existing pool filtration system. Water flows from the pool pump, through the heater, and then back into the pool. Ensure all connections are secure and watertight.

INSTALLATION

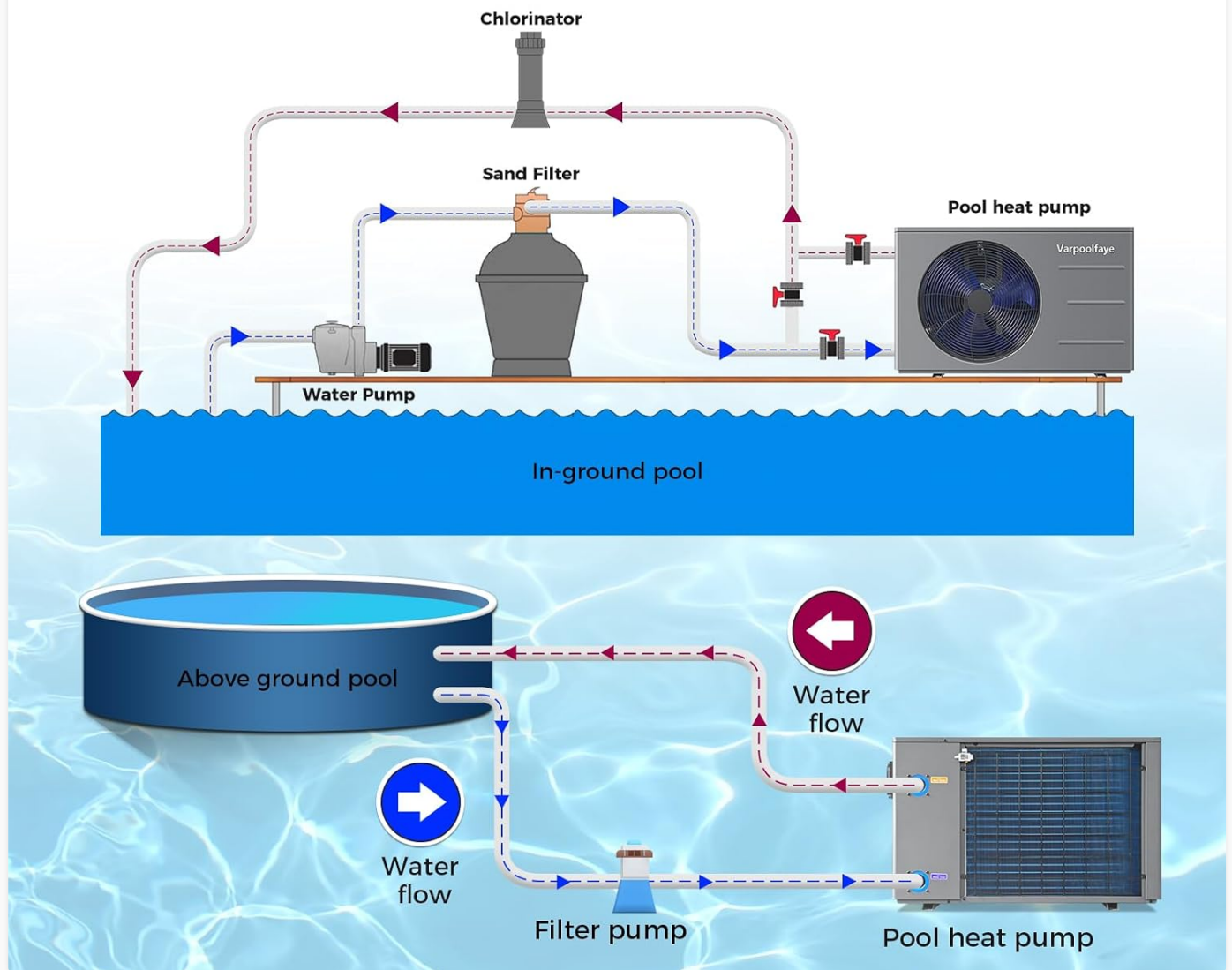


Figure 4: Plumbing diagram for inground and above-ground pool heater installation.

4.4 Installation Videos

Intex Fitting Installation

Your browser does not support the video tag.

Video 1: Demonstrates the installation process for Intex fittings with the pool heater.

Rigid Pipe Fitting Installation

Your browser does not support the video tag.

Video 2: Shows how to install rigid pipe fittings for the pool heater connection.

5. Operating Instructions

Your Varpoolfaye Electric Pool Heater offers intuitive controls and smart features for optimal pool temperature management.

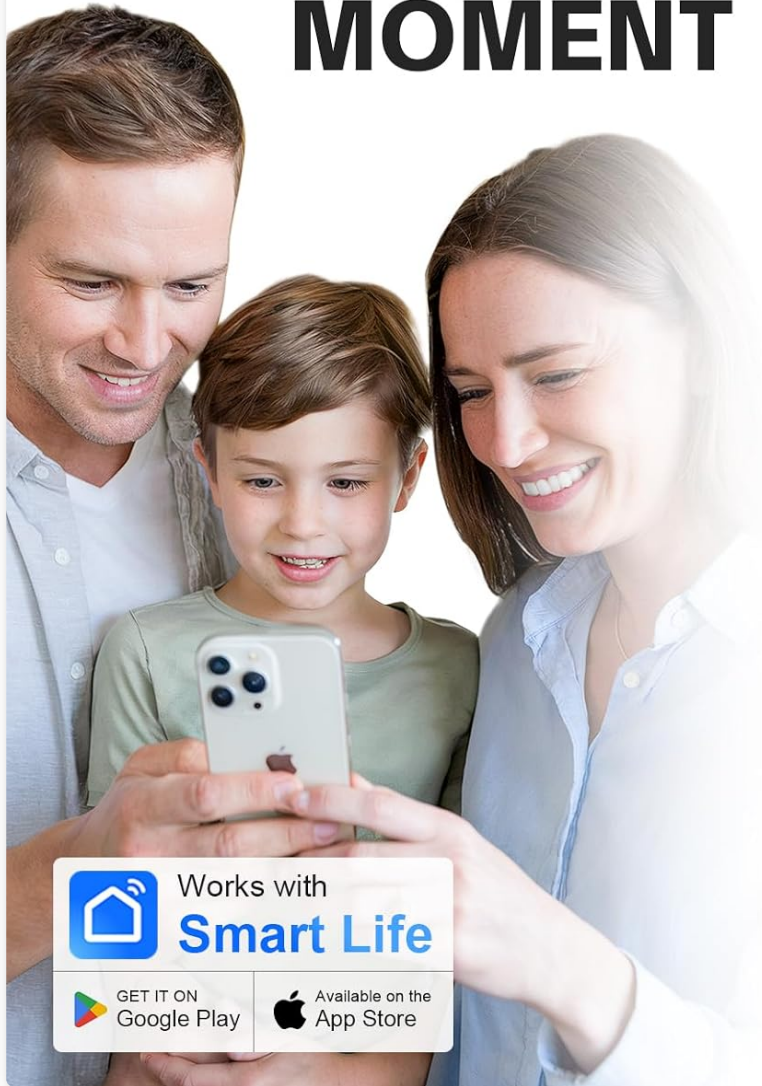
5.1 Control Panel & Modes

The unit features a user-friendly control panel. You can select between heating (59°F-104°F) and cooling (45°F-86°F) modes and set your desired temperature.



Figure 5: WiFi control interface and heating/cooling temperature ranges.

SHARE HAPPY MOMENT



Power:
110-120V 60HZ



COP: 6.2



WiFi control



Noise level:
52dB (A)

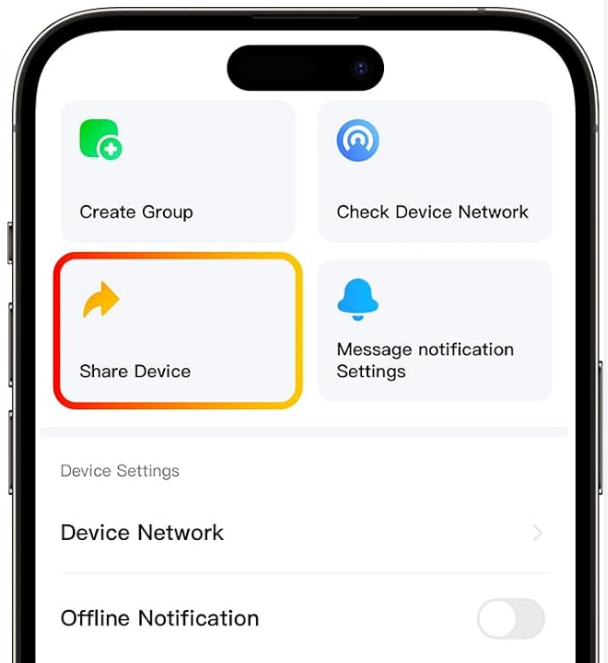
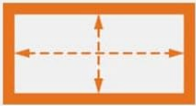
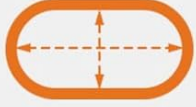
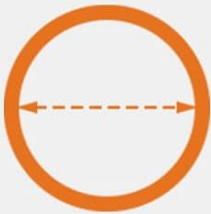


Figure 6: Smart Life app integration for WiFi control and key specifications.

5.2 Smart Control via WiFi

Utilize the dedicated mobile application (Smart Life) to control your pool heater remotely. This allows for scheduling, temperature adjustments, and power management from anywhere.

27000 BTU Heat Pump Selection Guide

Rectangular Pool	Pool Size(ft)	Max pool depth	Gallons	Required at this ambient fahrenheit
 Oval Pool  Kidney Pool 	13' x 26'	2.62 ft	≤7000	72°F
	12' x 24'		≤6000	67-72°F
	11' x 22'		≤5000	62-72°F
	10' x 20'		≤4000	57-72°F
	8' x 16'		≤3000	52-72°F
	7' x 14'		≤2000	37-72°F
	5' x 10'		≤1000	37-72°F
Round Pool	Pool Size(ft)	Max pool depth	Gallons	Required at this ambient fahrenheit
	22'	2.62 ft	≤7000	72°F
	21'		≤6000	67-72°F
	18'		≤5000	62-72°F
	16'		≤4000	57-72°F
	14'		≤3000	52-72°F
	11'		≤2000	37-72°F
	8'		≤1000	37-72°F

It is recommended to add a pool cover to prevent heat loss and speed up the heating process.

Figure 7: Smart Life app interface for remote control and scheduling.

5.3 Flow Rate Adjustment

An optimal water flow rate is essential for efficient heating. If you experience slow heating, you may need to adjust the flow rate.

Adjusting Water Flow Rate

Your browser does not support the video tag.

Video 3: Instructions on how to adjust the union ball valve to reduce water flow rate for optimal heating.

6. Maintenance

Regular maintenance ensures the longevity and efficiency of your pool heater.

- Keep the area around the heat pump clear of debris to ensure proper airflow.
- Periodically inspect all plumbing connections for leaks.
- Clean the heat exchanger coils as needed to prevent buildup.
- During off-season or prolonged periods of non-use, follow manufacturer guidelines for winterization.

7. Troubleshooting

If you encounter issues with your pool heater, refer to the following common troubleshooting tips:

- **No Power:** Check the power connection and circuit breaker. Ensure the unit is properly plugged in.
- **Slow Heating/Cooling:** Verify the water flow rate is within the recommended range (1500-2000 GPH). Ensure the pool cover is used to minimize heat loss.
- **Compressor Issues:** If the compressor is not operating correctly, ensure any timers are stopped before attempting to restart the unit.

Compressor Not Working Correctly

Your browser does not support the video tag.

Video 4: Guidance on troubleshooting when the compressor is not working correctly, emphasizing stopping the timer first.

For further assistance, please contact Varpoolfaye customer support.

8. Specifications

Feature	Detail
Product Dimensions	31 x 14 x 22 inches
Item Weight	107 pounds
Manufacturer	Varpoolfaye
Model Number	KSPF-007L1MR1A2
Heating Capacity	27000 BTU
Power Supply	120V
Recommended Pool Size	Up to 7000 Gallons
Heating Temperature Range	59°F - 104°F
Cooling Temperature Range	45°F - 86°F
Noise Level	52dB (A)



Figure 8: Heat Pump Selection Guide based on pool size and ambient temperature.

9. Warranty and Support

For warranty information and customer support, please refer to the documentation included with your product or visit the official Varpoolfaye website. You can also contact Varpoolfaye-US directly for assistance.

Protection plans are available for purchase to extend coverage beyond the standard warranty. Options include 2-Year and 3-Year protection plans.

For additional resources and product information, visit the [Varpoolfaye Store on Amazon](#).

© 2026 Varpoolfaye. All rights reserved.

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