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› Varpoolfaye 35100 BTU Electric Pool Heater for 10000 Gallon Pools - Instruction Manual KSPF-010L1UR1A2

Varpoolfaye KSPF-010L1UR1A2

Varpoolfaye 35100 BTU Electric Pool Heater Instruction Manual

Model: KSPF-010L1UR1A2

1. INTRODUCTION

This manual provides detailed instructions for the safe and efficient operation, installation, and maintenance of your Varpoolfaye 35100 BTU 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 pools up to 10,000 gallons, offering both heating (59°F-104°F) and cooling (45°F-86°F) capabilities. It features smart WiFi control for convenient temperature adjustments and scheduling, and operates quietly at 53 dB. The unit is equipped with a durable titanium heat exchanger, suitable for both fresh and saltwater pools.



Figure 1: Varpoolfaye Electric Pool Heater overview, emphasizing year-round comfort and capacity.

2. SAFETY INFORMATION

Always follow basic safety precautions when installing and operating this electrical equipment to reduce the risk of fire, electric shock, and injury to persons.

- Read all instructions before using this product.
- Do not operate the heater if the power cord or plug is damaged.
- Ensure the unit is properly grounded.
- Keep children and pets away from the unit during operation.
- Disconnect power before performing any service or maintenance.
- Installation must be performed by a qualified electrician in accordance with all local and national electrical codes.

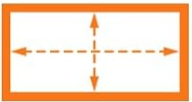
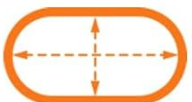
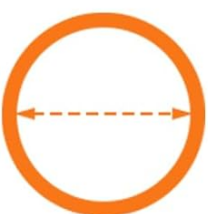
3. SETUP AND INSTALLATION

3.1 Unpacking and Components

Carefully remove the pool heater from its packaging. Verify that all components are present:

- Pool heater pump (1)
- Instruction manuals (2)
- 1.5-inch connectors / Adapters (2)
- Condense Water Draining Hose (1)
- Rubber Shock Absorption Pad (4)
- Condense Water Draining Fitting (1)

35100 BTU Heat Pump Selection Guide

Rectangular Pool 	Pool Size(ft)	Max pool depth	Gallons	Required at this ambient fahrenheit
	16' x 32'	2.62 ft	≤ 10000	72°F
	14' x 28'		≤ 8000	67-72°F
	13' x 26'		≤ 7000	62-72°F
	12' x 24'		≤ 6000	52-72°F
	11' x 22'		≤ 5000	47-72°F
	10' x 20'		≤ 4000	47-72°F
	8' x 16'		≤ 3000	42-72°F
	7' x 14'		≤ 2000	37-72°F
	5' x 10'		≤ 1000	37-72°F
Oval Pool 	Pool Size(ft)	Max pool depth	Gallons	Required at this ambient fahrenheit
	26'	2.62 ft	≤ 10000	72°F
	23'		≤ 8000	67-72°F
	22'		≤ 7000	62-72°F
	21'		≤ 6000	52-72°F
	18'		≤ 5000	47-72°F
	16'		≤ 4000	47-72°F
	14'		≤ 3000	42-72°F
	11'		≤ 2000	37-72°F
	8'		≤ 1000	37-72°F
Kidney Pool 	Pool Size(ft)	Max pool depth	Gallons	Required at this ambient fahrenheit
	26'	2.62 ft	≤ 10000	72°F
	23'		≤ 8000	67-72°F
	22'		≤ 7000	62-72°F
	21'		≤ 6000	52-72°F
	18'		≤ 5000	47-72°F
	16'		≤ 4000	47-72°F
	14'		≤ 3000	42-72°F
	11'		≤ 2000	37-72°F
	8'		≤ 1000	37-72°F
Round Pool 	Pool Size(ft)	Max pool depth	Gallons	Required at this ambient fahrenheit
	26'	2.62 ft	≤ 10000	72°F
	23'		≤ 8000	67-72°F
	22'		≤ 7000	62-72°F
	21'		≤ 6000	52-72°F
	18'		≤ 5000	47-72°F
	16'		≤ 4000	47-72°F
	14'		≤ 3000	42-72°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 2: Product dimensions and included accessories.

3.2 Placement

Place the pool heater on a stable, level surface near your pool. Ensure adequate clearance around the unit for proper airflow and maintenance access.

3.3 Water Connection

The heater includes 1.5-inch connectors. For optimal performance and to prevent leakage, a rigid PVC pipe connection (Option 1) is recommended. Hose connections (Option 2 and 3) are also possible with appropriate adapters and clamps.



Figure 3: Water connection options for the pool heater.

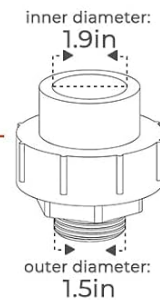
Connection Option



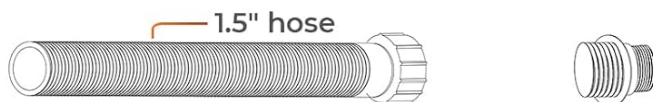
1.9inch PVC pipe



PVC pipe adapter

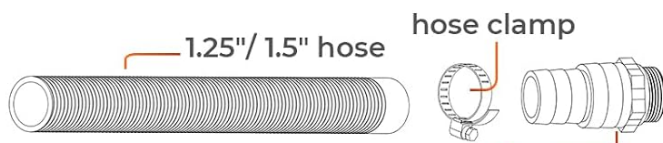


Option 1 ★★★★★ PVC pipe connection



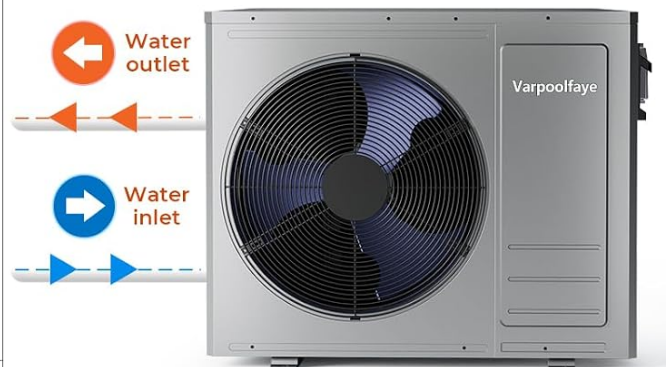
1.5" hose
40mm to 1 1/2" Hose Conversion Kit

Option 2 ★★★ Hose connection



1.25"/ 1.5" hose
hose clamp
hose adapter Connect 1.25"/ 1.5" hose

Option 3 ★ Hose connection



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.

Figure 4: Typical installation diagrams for in-ground and above-ground pools.

3.4 Video Guides for Fitting Installation

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Video 1: This video demonstrates the installation process for rigid pipe fittings with the Varpoolfaye pool heater. It shows how to properly attach the fittings to ensure a secure connection.

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Video 2: This video provides instructions for installing Intex fittings with the Varpoolfaye pool heater, detailing the steps for a correct and leak-free setup.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off

Ensure all connections are secure and the pool pump is running before powering on the heater. Plug the unit into a dedicated 220V 60HZ power outlet. Use the power button on the control panel to turn the unit on or off.

4.2 Temperature Control

The heater offers both heating and cooling modes. Use the control panel or the dedicated WiFi app to set your desired water temperature. The heating range is 59°F-104°F, and the cooling range is 45°F-86°F.

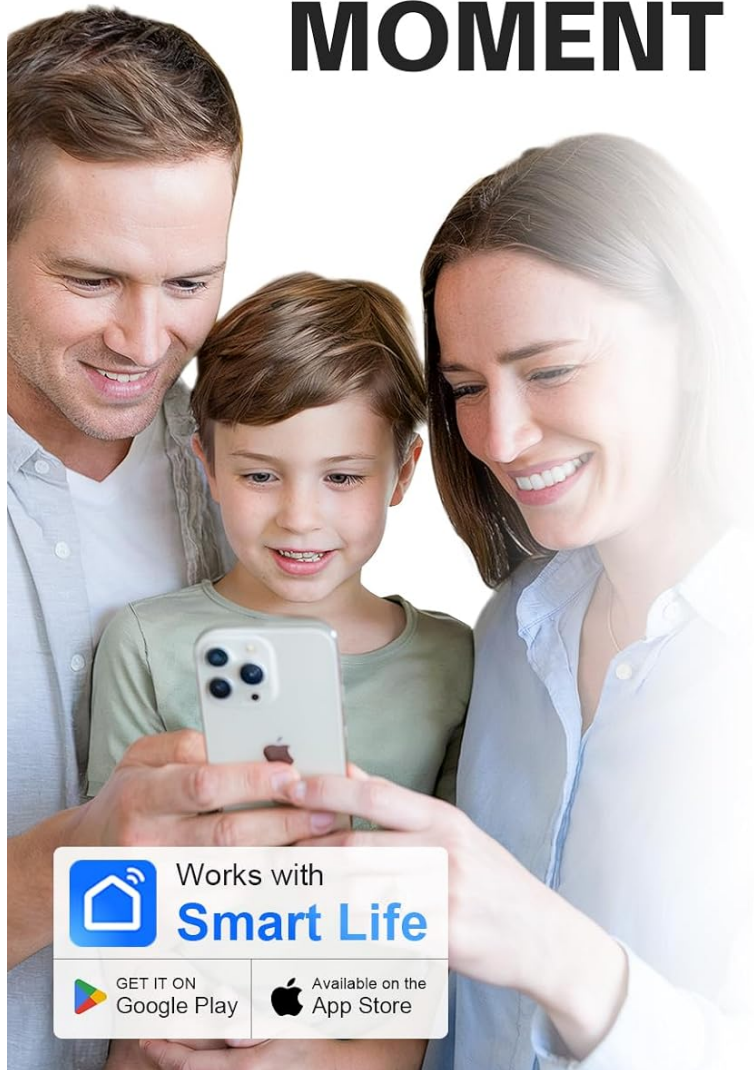


Figure 5: Control panel and app interface for temperature settings.

4.3 Smart WiFi Control

Download the companion WiFi app to your smartphone to remotely adjust temperature, set schedules, and monitor the unit's functions. The app allows for seamless control and optimization of your pool's temperature.

SHARE HAPPY MOMENT



Power:
220-240V 60HZ



COP: 6.5



WiFi control



Noise level:
53dB (A)

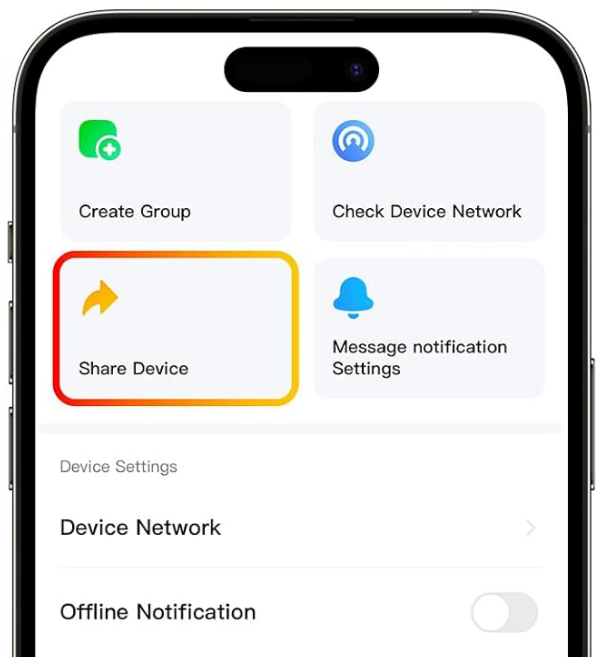


Figure 6: WiFi app interface for smart control.

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Video 3: This video provides a general overview of the Varpoolfaye 35000 BTU pool heater, suitable for above-ground pools, demonstrating its features and operation.

5. MAINTENANCE

The Varpoolfaye pool heater is designed for minimal maintenance. The titanium heat exchanger ensures durability and resistance to corrosion in both fresh and saltwater environments.

- **Regular Cleaning:** Keep the exterior of the unit clean and free from debris to ensure optimal airflow.
- **Coil Inspection:** Periodically inspect the evaporator coils for any buildup of dirt or leaves and gently clean if necessary.
- **Winterization:** In colder climates, follow proper winterization procedures to protect the unit from freezing temperatures. Consult a pool professional if unsure.

6. TROUBLESHOOTING

If you encounter issues with your Varpoolfaye Electric Pool Heater, refer to the following common troubleshooting steps:

- **No Power:** Check the power connection, circuit breaker, and ensure the unit is properly plugged into a 220V 60HZ outlet.

- **Not Heating/Cooling:** Verify the desired temperature setting on the control panel or app. Ensure the pool pump is running and water is flowing through the heater. Check for any error codes displayed on the unit.
- **Low Water Flow:** Inspect pool filter and pump for blockages. Ensure hoses are not kinked and connections are secure.
- **Unusual Noise:** Check for any foreign objects obstructing the fan or internal components. If the noise persists, contact customer support.

For more complex issues or if troubleshooting steps do not resolve the problem, please contact Varpoolfaye customer support.

7. SPECIFICATIONS

Feature	Detail
Brand	Varpoolfaye
Model Number	KSPF-010L1UR1A2
BTU Output	35100 BTU
Recommended Pool Size	Up to 10,000 Gallons
Heating Temperature Range	59°F - 104°F
Cooling Temperature Range	45°F - 86°F
Voltage	220 Volts (AC)
Power Source	Corded Electric
Noise Level	53 dB
Material	Galvanized
Product Dimensions (L x W x H)	33.3" x 14.49" x 27.9"
Included Components	Pool heater pump, instruction manuals, 1.5-inch connectors, draining hose, shock absorption pads, draining fitting



Figure 7: Heat Pump Selection Guide based on pool size and BTU.

8. WARRANTY AND SUPPORT

For warranty information, product support, or to purchase replacement parts, please contact Varpoolfaye-US customer service. Refer to your purchase documentation for specific warranty terms and contact details.

Varpoolfaye-US Customer Service: Please refer to the contact information provided in your product packaging or on the official Varpoolfaye website.

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