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› Varpoolfaye 120000 BTU Swimming Pool Heat Pump (Model KSPF-035L1VUA1) User Manual

Varpoolfaye KSPF-035L1VUA1

Varpoolfaye 120000 BTU Swimming Pool Heat Pump User Manual

Model: KSPF-035L1VUA1

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your Varpoolfaye 120000 BTU Swimming Pool Heat Pump, Model KSPF-035L1VUA1. Please read these instructions thoroughly before installation and use to ensure optimal performance and longevity of your unit.

2. SAFETY INFORMATION

Always follow basic safety precautions to reduce the risk of fire, electric shock, and 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 matches the unit's requirements (220V). Do not operate the unit if any part is damaged. Keep children and pets away from the unit during operation.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

120000 BTU Heat Pump Selection Guide			
Max pool depth	Gallons	Required at this ambient fahrenheit	Maximum heatable temperature
3.94 ft	33000	72°F	93°F
	28000	72°F	97°F
	33000	59°F	80°F
	28000	59°F	84°F
Max pool depth	Gallons	Required at this ambient fahrenheit	Maximum heatable temperature
4.95 ft	33000	72°F	95°F
	28000	72°F	102°F
	33000	59°F	81°F
	28000	59°F	86°F

Image: The Varpoolfaye 120000 BTU Pool Heat Pump unit with its dimensions, and a list of included accessories: Instruction Manual (x2), Condense Water Draining Hose (x2), Rubber Shock Absorption Pad (x4), Condense Water Draining Fitting (x2), and Adapter.

- Varpoolfaye 120000 BTU Swimming Pool Heat Pump Unit
- Instruction Manual (2 copies)
- Condense Water Draining Hose (2 pieces)
- Rubber Shock Absorption Pad (4 pieces)
- Condense Water Draining Fitting (2 pieces)
- Adapter (for 1.5-inch hoses)

4. INSTALLATION

4.1 Site Selection

Choose a well-ventilated outdoor location for the heat pump, away from direct sunlight and obstructions that could block airflow. Ensure there is sufficient space around the unit for maintenance and proper air circulation.

4.2 Water Pipe Connection

The heat pump offers multiple connection options for your pool's water circulation system. It is recommended to use the PVC pipe connection for optimal performance and to prevent leaks. Ensure all connections are secure and gaskets are properly seated.

120000 BTU Heat Pump Selection Guide							
Max pool depth	Gallons	Required at this ambient fahrenheit	Maximum heatable temperature	Max pool depth	Gallons	Required at this ambient fahrenheit	Maximum heatable temperature
3.94 ft	33000	72°F	93°F	4.95 ft	33000	72°F	95°F
	28000	72°F	97°F		28000	72°F	102°F
	33000	59°F	80°F		33000	59°F	81°F
	28000	59°F	84°F		28000	59°F	86°F

Image: Connection options for the heat pump, illustrating water inlet and outlet. Option 1 shows a 1.5-inch PVC pipe connection with a PVC pipe adapter. Option 2 shows a 1.5-inch hose connection with a 40mm to 1 1/2" Hose Conversion Kit. The manual recommends Option 1 for leak prevention.

Important: Always ensure gaskets are correctly installed to prevent leaks. The adapter for PVC pipe connection is included in the accessory package.

Your browser does not support the video tag.

Video: This video demonstrates the installation process for rigid pipe fittings on the Varpoolfaye pool heat pump. It shows how to securely attach the PVC pipe converter to the water outlet.

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Video: This video illustrates the installation of Intex fittings for the Varpoolfaye pool heat pump, showing how to connect a flexible hose to the unit's water outlet.

4.3 Electrical Connection

Connect the heat pump to a dedicated 220V power supply. Consult a qualified electrician to ensure proper wiring and compliance with electrical codes. The unit includes a 126-inch (approximately 3-meter) power cord.

5. OPERATING INSTRUCTIONS

5.1 Control Panel Operation

The heat pump features an enhanced touchscreen control panel for direct operation. You can adjust temperature settings, switch between heating and cooling modes, and monitor the unit's status.

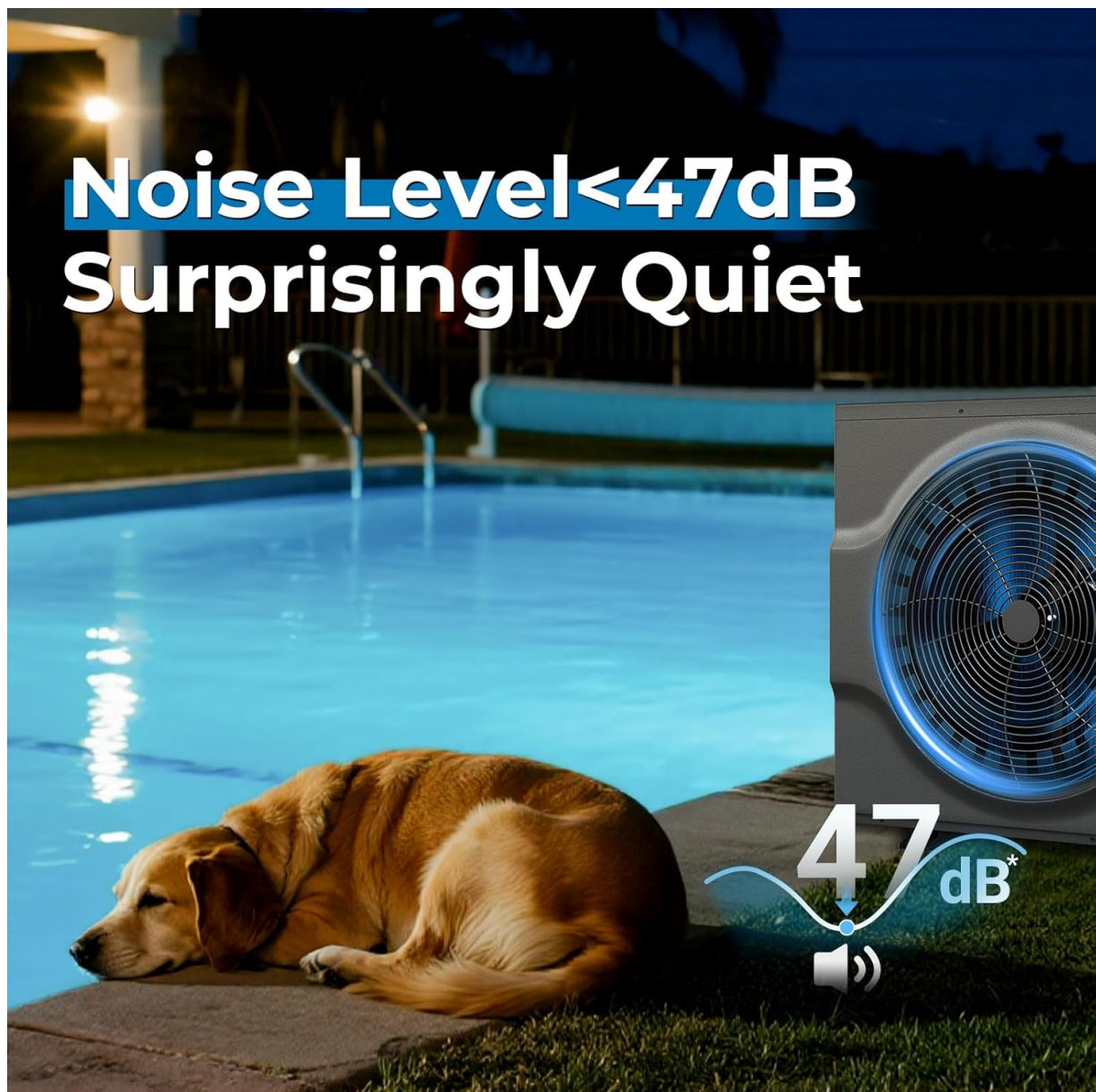


Image: The heat pump's waterproof touchscreen control panel showing current water inlet/outlet temperatures and set temperature, along with options for settings and power.

5.2 Mobile App Control

Control your heat pump remotely using the dedicated mobile application. The app allows you to adjust temperature, track energy consumption, and set on/off schedules for heating or cooling.

Remote Control + Enhanced Touchscreen

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



Image: A smartphone screen showing the mobile app interface for controlling the Varpoolfaye pool heat pump, with options for setting temperature and viewing status.

5.3 Heating and Cooling Modes

- **Heating Mode:** The unit can heat pool water to a desired temperature between 34°F and 97°F (under 72°F ambient temperature operating conditions).
- **Cooling Mode:** The unit can also cool pool water.
- **One-Touch Rapid Heating:** This function increases heating efficiency by 40% through high-load operation.

The heat pump operates with ultra-quiet performance, as low as 47 decibels, ensuring minimal disturbance.

PACKING LIST

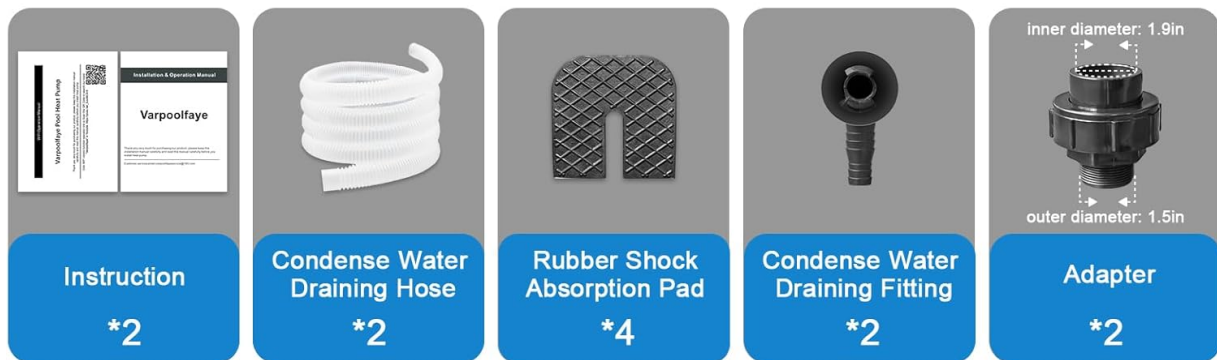
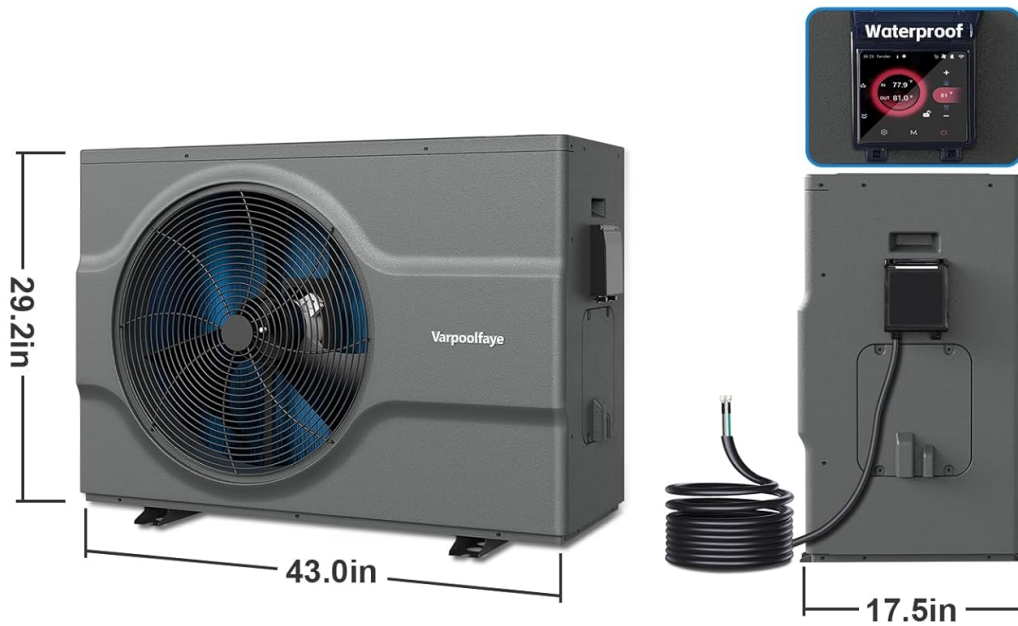


Image: A Varpoolfaye pool heat pump positioned next to a swimming pool, with a golden retriever dog sleeping peacefully nearby, illustrating the unit's quiet operation (noise level < 47dB).

5.4 Pool Cover Recommendation

Using a pool cover significantly improves heating efficiency and helps maintain water temperature, especially overnight. This can reduce energy consumption and speed up the heating process.

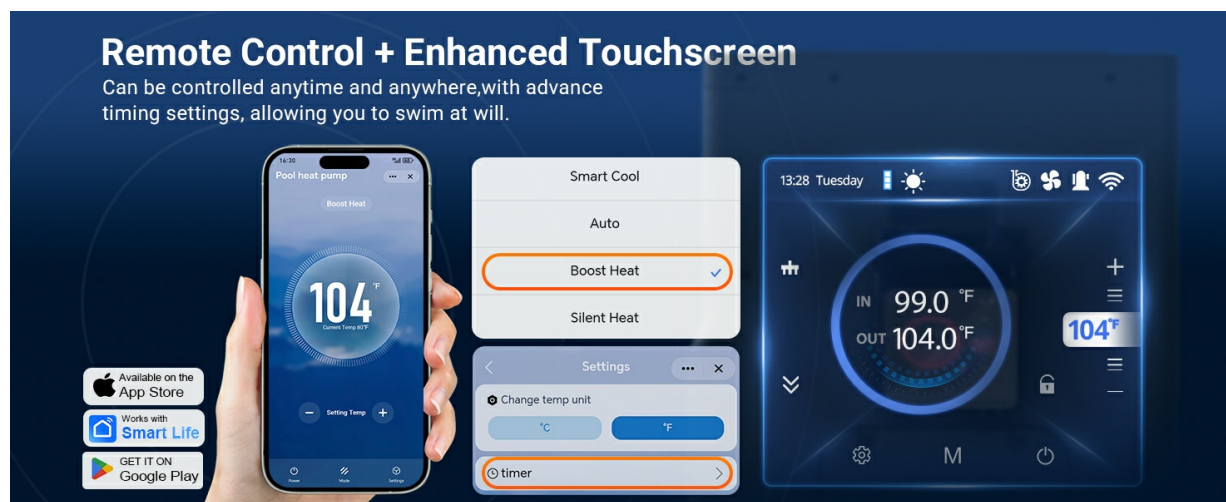


Image: A visual representation demonstrating that a pool cover can improve heating efficiency by 46.15% by preventing heat loss from the water surface.

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Video: This video provides an overview of the Varpoolfaye 120000 BTU Inverter Swimming Pool Heat Pump, showcasing its features and operation in a pool setting.

6. MAINTENANCE

- **Regular Cleaning:** Keep the heat pump's exterior clean and free from debris. Ensure the air intake and exhaust vents are unobstructed.
- **Coil Inspection:** Periodically inspect the evaporator coils for dirt buildup. Clean gently with water if necessary.
- **Winterization:** Before freezing temperatures, drain all water from the heat pump and plumbing to prevent damage. Consult the full instruction manual for detailed winterization procedures.
- **Automatic Defrosting:** The unit features automatic defrosting to ensure continuous operation in colder conditions.

7. TROUBLESHOOTING

If the heat pump is not operating as expected, perform the following basic checks:

- **No Power:** Check the circuit breaker and ensure the unit is properly plugged in.
- **Insufficient Heating/Cooling:** Verify that the set temperature is appropriate. Ensure the pool pump is running and water flow is adequate. Check for obstructions around the unit.
- **Unusual Noise:** Inspect for loose parts or debris in the fan.

For more detailed troubleshooting or persistent issues, refer to the comprehensive instruction manual or contact Varpoolfaye customer support.

8. SPECIFICATIONS

Feature	Specification
Model Number	KSPF-035L1VUA1
BTU Rating	120000 BTU
Recommended Pool Capacity	Up to 33,000 Gallons
Power Supply	220V
Heating/Cooling Range	34°F – 97°F (under 72°F ambient)
Noise Level	As low as 47 dB
COP (Energy Efficiency)	Up to 12.30
Product Dimensions	43 x 17.5 x 29.2 inches



Image: A selection guide table for the 120000 BTU heat pump, detailing maximum heatable temperatures for different pool capacities (33000 and 28000 gallons) at various ambient temperatures (72°F and 59°F) and pool depths (3.94 ft and 4.95 ft).

9. WARRANTY AND SUPPORT

The Varpoolfaye 120000 BTU Swimming Pool Heat Pump comes with a 3-year warranty. For warranty claims, technical assistance, or any questions regarding your product, please contact Varpoolfaye customer support. Refer to the contact information provided in your instruction manual or on the official Varpoolfaye website.

Varpoolfaye

Pool Heater Pump

120000^{BTU}



WARRANTY
3 YEAR
WARRANTY

120000BTU Warming	220V-240V /60HZ	33000 Gallon	Energy Efficient
			

Image: The Varpoolfaye 120000 BTU Pool Heat Pump unit, highlighting its 3-year warranty.