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› Varpoolfaye 5KW Electric Pool Heat Pump Instruction Manual

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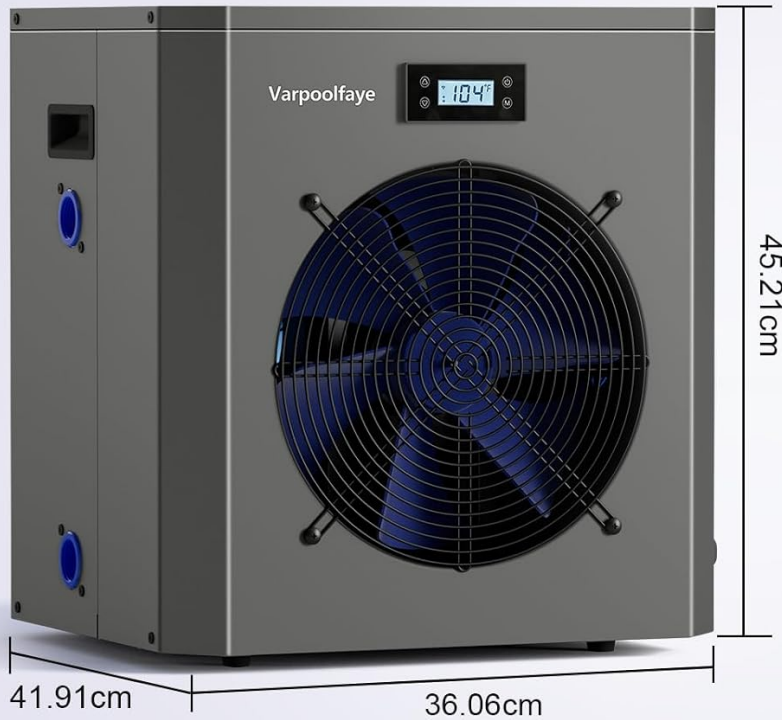
Model: 5KW Electric Pool Heat Pump

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1. INTRODUCTION

This manual provides essential information for the safe and efficient operation of your Varpoolfaye 5KW Electric Pool Heat Pump. Please read these instructions carefully before installation and use, and retain them for future reference. This heat pump is designed to efficiently heat and cool above-ground swimming pools up to 20,000 liters (20 m³), offering dual functionality for year-round comfort.

LIEFERUMFANG



Anschluss*2



Anleitung*2



Edelstahl
Schlauchklemme*2

Image 1.1: The Varpoolfaye 5KW Electric Pool Heat Pump is compatible with various pool types, including inflatable, round, and rectangular pools, as well as hot tubs.

The unit features a high-pressure compressor, delivering up to 5 kW of heating capacity with a Coefficient of Performance (COP) of 4.4. It operates quietly at 49 dB and includes WiFi control for convenient management via a mobile application.



LUFTQUELLE POOL WÄRMEPUMPE

Energie gespart

bis zu

40%



Niedrigere Stromrechnung

Image 1.2: This air source pool heat pump is designed for energy efficiency, potentially reducing electricity bills by up to 40%.

2. SAFETY INFORMATION

Always observe the following safety precautions to prevent injury and damage to the equipment:

- **Electrical Safety:** Ensure the unit is connected to a properly grounded 220V-240V, 50Hz power supply. All electrical work must be performed by a qualified electrician and comply with local codes. Do not operate the unit with damaged power cords or plugs.
- **Water Proximity:** Install the heat pump at a safe distance from the pool edge, as specified by local regulations. Avoid direct water spray on the electrical components.
- **Ventilation:** Ensure adequate airflow around the unit. Do not block the air intake or exhaust vents.
- **Children and Pets:** Keep children and pets away from the unit during operation.
- **Maintenance:** Disconnect power before performing any maintenance or cleaning.
- **Refrigerant:** The unit contains refrigerant. Only qualified personnel should service the refrigerant system.

3. PRODUCT COMPONENTS

The Varpoolfaye 5KW Electric Pool Heat Pump package includes the following items:

WEIT VERBREITET



AUFBLASBAR POOL



RUND POOL



RECHTECKIG POOL



HEILBAD

Image 3.1: The package contents include the heat pump unit, two DN32-38 mm connectors, two stainless steel hose clamps, and two instruction manuals. The heat pump dimensions are approximately 41.91 cm (width) x 36.06 cm (depth) x 45.21 cm (height).

- **Heat Pump Unit:** The main heating/cooling appliance.
- **DN32-38 mm Connectors (x2):** For connecting the heat pump to your pool's filtration system.
- **Stainless Steel Hose Clamps (x2):** To secure the hose connections.
- **Instruction Manuals (x2):** For detailed guidance.
- **Power Cord (3m):** Pre-attached for electrical connection.

4. SPECIFICATIONS

Feature	Specification
Brand	Varpoolfaye
Model	5KW Electric Pool Heat Pump
Colour	Gray
Material	Galvanised
Power Source	Air-powered

Voltage	220-240 Volts (AC), 50 Hz
Heating Capacity	Up to 5 kW
COP (Coefficient of Performance)	4.4
Recommended Pool Volume	Up to 20,000 Liters (20 m³)
Heating Temperature Range	15°C - 40°C
Cooling Temperature Range	7°C - 28°C
Noise Level	49 dB
Connectivity	WiFi Control (via App)
Heat Exchanger	Titanium
Water Compatibility	Fresh and Salt Water Pools

5. SETUP & INSTALLATION

5.1 Placement

Select a suitable location for your heat pump. It should be:

- On a firm, level surface capable of supporting the unit's weight.
- In an area with adequate ventilation, ensuring unrestricted airflow to the intake and exhaust.
- At a safe distance from the pool, following local electrical and plumbing codes.
- Protected from direct exposure to harsh weather conditions if possible, or ensure it is rated for outdoor use.



Image 5.1: The heat pump should be placed on a stable surface near the pool, ensuring proper ventilation and access for maintenance.

5.2 Plumbing Connection

1. Ensure your pool's filtration system is turned off and the power supply is disconnected.
2. Connect the heat pump into your pool's existing filtration system. The heat pump should be installed *after* the filter and *before* any chemical feeders.
3. Use the provided DN32-38 mm connectors and stainless steel hose clamps to secure the hoses to the heat pump's inlet and outlet ports. Ensure all connections are tight to prevent leaks.
4. The titanium heat exchanger ensures compatibility with both fresh and salt water pools.

5.3 Electrical Connection

1. Verify that your electrical supply matches the heat pump's requirements: 220V-240V, 50Hz.
2. Connect the pre-attached 3-meter power cord to a dedicated, grounded electrical outlet. It is highly recommended to have a qualified electrician perform this connection and ensure it complies with all local electrical codes and safety standards.
3. Ensure the circuit is protected by a Residual Current Device (RCD) or Ground Fault Circuit Interrupter (GFCI) for safety.

6. OPERATING INSTRUCTIONS

6.1 Initial Start-up

1. After completing installation and checking all connections, turn on your pool's filtration pump. Ensure water is flowing through the heat pump.
2. Connect the heat pump to the power supply. The unit will typically perform a self-check.
3. The digital display on the unit will show the current water temperature.

6.2 Temperature Control and Modes

The heat pump offers both heating and cooling functionalities:

- **Heating Mode:** Allows you to set the desired pool temperature between 15°C and 40°C.
- **Cooling Mode:** Allows you to set the desired pool temperature between 7°C and 28°C.

Use the control panel on the unit or the mobile application to select the desired mode and set temperature.

6.3 WiFi Control (Smart Life App)

Your Varpoolfaye heat pump can be controlled remotely via a mobile application. Follow these steps to connect:

1. Download the "Smart Life" app from your device's app store (available on Google Play and Apple App Store).
2. Register or log in to your Smart Life account.
3. Follow the in-app instructions to add your heat pump device. This typically involves putting the heat pump into pairing mode (refer to the unit's display or specific instructions in the included manual for pairing mode activation).
4. Once connected, you can control the temperature, schedule operation, and adjust settings from your smartphone or tablet.



Image 6.1: The heat pump features intelligent WiFi control, allowing users to manage heating (up to 40°C) and cooling (down to 7°C) settings remotely via the Smart Life application.

7. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your heat pump.

7.1 Cleaning

- **Exterior:** Periodically wipe the exterior casing with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Air Intake/Exhaust:** Keep the air intake and exhaust grilles free from leaves, debris, and other obstructions. Use a soft brush or vacuum cleaner to gently remove any build-up.
- **Coils:** Inspect the evaporator coils for dirt and dust. If necessary, gently clean them with a soft brush or low-pressure water spray. Ensure the unit is completely dry before resuming operation.

7.2 Water Flow

Ensure consistent and adequate water flow through the heat pump. Regularly clean your pool filter to prevent

blockages that could reduce efficiency or damage the unit.

7.3 Winterization (if applicable)

If you live in an area with freezing temperatures and will not be using the pool during winter, it is crucial to properly winterize your heat pump. Consult a pool professional or the detailed manual for specific winterization procedures, which typically involve draining water from the unit and protecting it from frost.

8. TROUBLESHOOTING

If you encounter issues with your Varpoolfaye heat pump, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Heat pump not turning on	No power supply; tripped circuit breaker/RCD; unit in standby mode.	Check power connection; reset circuit breaker/RCD; press power button on unit or app.
Insufficient heating/cooling	Low water flow; dirty coils; incorrect temperature setting; ambient temperature too low/high.	Check pool pump and filter; clean coils; verify temperature settings; ensure unit is operating within its specified ambient temperature range.
Water leaks	Loose plumbing connections; damaged hoses.	Tighten all hose clamps and connections; inspect hoses for damage and replace if necessary.
Unusual noise	Debris in fan; loose components; compressor issue.	Disconnect power and check fan for obstructions; ensure all panels are secure. If noise persists, contact support.
WiFi connection issues	Incorrect network password; unit too far from router; app not updated.	Verify WiFi password; move unit closer to router or use a range extender; update Smart Life app.

For problems not listed here or if solutions do not resolve the issue, please contact Varpoolfaye customer support.

9. WARRANTY & SUPPORT

Your Varpoolfaye 5KW Electric Pool Heat Pump comes with a manufacturer's warranty. Please refer to the warranty card included in your package for specific terms and conditions, including coverage period and claim procedures. For technical assistance, troubleshooting beyond this manual, or warranty claims, please contact Varpoolfaye customer support through the retailer where you purchased the product or directly via the contact information provided in your warranty documentation.

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