

Albott BI02V1-1B2B0

Albott 35,000 BTU Swimming Pool Heater Pump User Manual

Model: BI02V1-1B2B0

For Pools Up to 10,000 Gallons

1. INTRODUCTION

Thank you for choosing the Albott 35,000 BTU Swimming Pool Heater Pump. This manual provides essential information for the safe installation, operation, and maintenance of your new pool heater. Please read this manual thoroughly before installation and use, and retain it for future reference. This unit is designed to efficiently heat and cool pools up to 10,000 gallons, extending your swimming season and enhancing your pool experience.

2. SAFETY INFORMATION

Important Safety Instructions:

- Always disconnect power to the unit before performing any service or maintenance.
- Installation must be performed 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, 60Hz).
- Keep children away from the unit during operation.
- Do not operate the unit if any part is damaged or missing.
- Maintain proper clearance around the unit for adequate airflow.
- Never block the air intake or exhaust vents.

3. PRODUCT FEATURES

- **Dual-Mode Operation:** Heats water from 44.6°F to 104°F and cools from 44.6°F to 83°F, allowing for year-round pool comfort.
- **Rapid Heating:** Delivers 35,000 BTUs of warmth, efficiently heating pools up to 10,000 gallons.
- **Smart APP & Control Panel:** Control temperature, track energy usage, and set schedules remotely via a dedicated mobile application or directly from the unit's control panel.
- **Inverter Energy Efficiency:** Variable frequency technology provides a 12.2 COP (Coefficient of Performance), saving up to 70% energy compared to electric heating and 40% more efficient than gas systems.

- **Whisper-Quiet Operation:** Operates at a low noise level of 35 dB, ensuring a peaceful pool environment.
- **Smart Defrost System:** Guarantees consistent performance even in colder conditions.
- **Easy Installation:** Designed for seamless integration with most pool systems.

35,000 BTU

High-Performance Pool Heat Pump



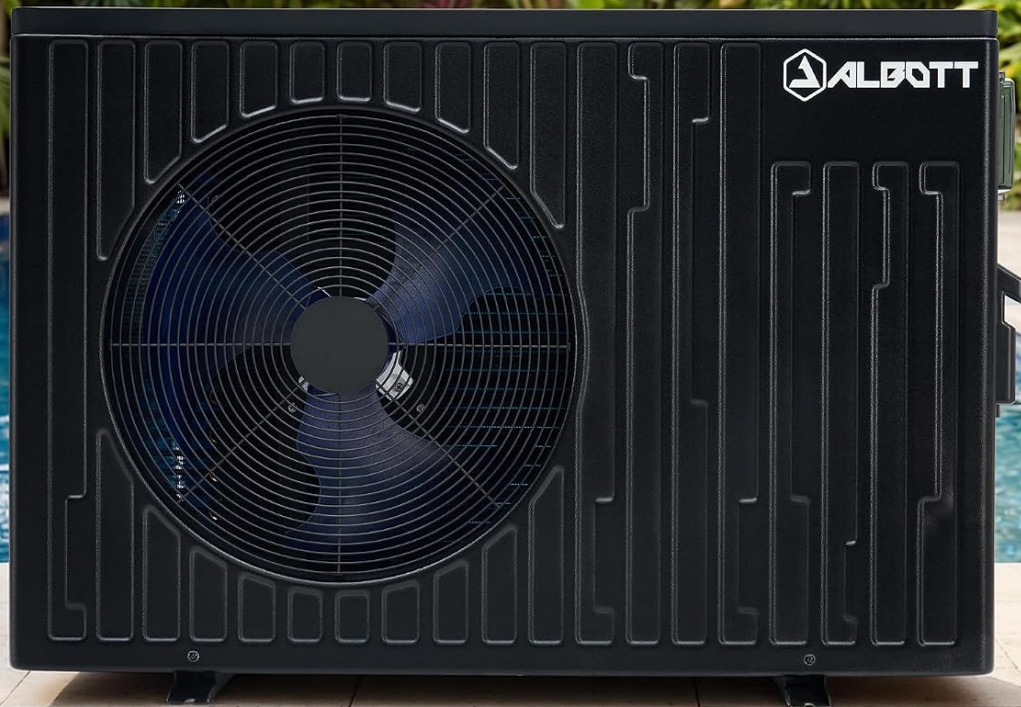
220V/60HZ



Up to 10,000 Gals



Energy Efficient



Notice: Higher BTU size requires more power to maintain operation. Please check your power supply before use.

Image: The Albott 35,000 BTU High-Performance Pool Heat Pump, highlighting its 220V/60Hz power, capacity for up to 10,000 gallons, and energy-efficient design.

MAXIMIZED HEATING & SAVINGS

- ✓ Energy-Efficient Performance
- ✓ Reduced Energy Costs

50%

Faster Heating

40%

Energy Savings

Image: Visual representation of maximized heating and savings, indicating 50% faster heating and 40% energy savings with the Albott pool heater.

WHISPER-QUIET OPERATION



Image: The Albott pool heater operating quietly at 35 dB next to a pool, with a person relaxing nearby, emphasizing its low noise level.

4. PACKAGE CONTENTS

Verify that all components are present in the package:

- Albott 35,000 BTU Swimming Pool Heater Pump Unit
- Instruction Manual
- 2 Connectors
- 4 Dampening Washers
- Drain Assembly

PRODUCT DIMENSIONS



Image: Diagram showing the product dimensions (38.7" x 13.4" x 25.9") and included accessories: Instruction Manual, 2 Connectors, 4 Dampening Washers, and Drain Assembly.

5. SETUP AND INSTALLATION

Proper installation is crucial for the performance and longevity of your pool heater. Consult a qualified professional for electrical and plumbing connections.

5.1 Site Selection

- Place the unit on a solid, level surface.
- Ensure adequate airflow by maintaining at least 20 inches of clearance around the unit.
- Avoid placing the unit near windows or vents of your home to prevent noise disturbance.

5.2 Plumbing Connections

Connect the pool heater to your existing pool filtration system using PVC pipes. The unit includes connectors and dampening washers for secure connections. Ensure all connections are watertight.

EASY INSTALL BUILT TO LAST

Use **PVC** pipe
to link the system



Ensure the drain hose remains
securely attached during operation

⚠ Notice: The hose is not included and should be purchased separately

Image: Illustrates the use of PVC pipe to link the system and emphasizes ensuring the drain hose remains securely attached during operation. Note: The hose is not included and must be purchased separately.

5.3 Electrical Connections

The Alcott pool heater requires a 220V, 60Hz power supply. All electrical wiring must comply with local codes and be performed by a licensed electrician. Ensure a dedicated circuit with appropriate overcurrent protection is used.

5.4 Initial Startup

Before powering on the unit, ensure the pool pump is running and water is flowing through the heater. Check for any leaks in the plumbing connections.

Your browser does not support the video tag.

Video: This video demonstrates how to connect the hoses to the pool heat pump and secure them with clamps, providing a visual guide for the plumbing setup.

6. OPERATING INSTRUCTIONS

Your Albott pool heater offers flexible control options for optimal pool temperature management.

6.1 Control Panel Operation

The integrated control panel allows you to:

- Turn the unit ON/OFF.
- Select heating or cooling mode.
- Set desired water temperature (Heating: 44.6°F-104°F; Cooling: 44.6°F-83°F).
- View current water temperature and operating status.

6.2 Smart App Control

Download the Albott app to your smartphone for remote control and monitoring:

- Pair your device with the pool heater via Wi-Fi.
- Adjust temperature settings from anywhere.
- Monitor energy consumption.
- Set operating schedules.

SMART APP CONTROL

Effortlessly control temperature and switch modes



Image: A hand holding a smartphone displaying the Albott app, demonstrating smart app control to effortlessly manage temperature and switch modes for the pool heater.

6.3 Extending Your Swim Season

The dual-mode system allows you to maintain stable water temperatures year-round, extending your swimming season into cooler months.

YEAR-ROUND STABLE WATER TEMPERATURES

Lengthen Your Swimming Season



Image: A graphic illustrating the extended swimming season with a pool heater pump compared to without, showing stable water temperatures year-round.

7. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your Alcott pool heater.

- **Clean the Coils:** Periodically inspect and clean the evaporator coils to remove dirt, leaves, and debris that can obstruct airflow.
- **Check Water Flow:** Ensure consistent water flow through the unit. Reduced flow can impact heating efficiency.
- **Inspect Electrical Connections:** Annually, have a qualified electrician inspect all electrical connections for tightness and corrosion.
- **Winterization:** In regions with freezing temperatures, properly winterize the unit by draining all water and covering it to prevent damage. Refer to the full instruction manual for detailed winterization steps.
- **Drain Assembly:** Ensure the drain hose remains securely attached during operation to manage condensation.

8. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Unit not turning on	No power, tripped breaker, faulty wiring	Check power supply, reset breaker, consult electrician
Insufficient heating/cooling	Low water flow, dirty coils, incorrect temperature setting, unit undersized for pool	Check pool pump, clean coils, verify settings, ensure unit matches pool volume
Unusual noise	Debris in fan, loose components, compressor issue	Inspect fan for obstructions, tighten loose parts, contact support if compressor noise persists
Water leaks	Loose plumbing connections, damaged pipes, condensation	Tighten connections, repair/replace damaged pipes, ensure drain assembly is clear for condensation

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

9. SPECIFICATIONS

Specification	Detail
Model Number	BI02V1-1B2B0
Product Dimensions	38.8 x 13.4 x 25.9 inches
Item Weight	102.5 pounds
Heating Capacity	35,000 BTU
Recommended Pool Size	Up to 10,000 Gallons
Power Supply	220V, 60Hz
COP (Coefficient of Performance)	12.2
Noise Level	As low as 35 dB
Manufacturer	EXINDA

10. WARRANTY AND SUPPORT

Your Albott pool heater is backed by a manufacturer's warranty. For specific warranty details, please refer to the documentation included with your product or contact the seller.

- **Return Policy:** This product typically includes a 30-day return/replacement policy.
- **Protection Plans:** Extended protection plans, such as a 2-Year Protection Plan, may be available for purchase.
- **Customer Support:** For technical assistance, troubleshooting, or warranty claims, please contact the seller, Happy Tao, or visit the official Albott website for support resources.

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