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AQUASTRONG HEX018

AQUASTRONG 18,000 BTU Swimming Pool Heat Pump User Manual

Model: HEX018

1. INTRODUCTION

Thank you for choosing the AQUASTRONG 18,000 BTU Swimming Pool Heat Pump. This electric pool heater is designed to provide efficient heating and cooling for above-ground pools up to 6,500 gallons, ensuring comfortable swimming conditions across various seasons. Please read this manual thoroughly before installation and operation to ensure safe and optimal performance of your unit.

2. SAFETY INFORMATION

Important Safety Instructions: Always follow basic safety precautions when installing and operating electrical equipment, especially near water.

- Ensure the unit is properly grounded.
- Do not operate if the power cord or plug is damaged.
- Keep children and pets away from the unit during operation.
- Disconnect power before performing any maintenance or service.
- Refer to local electrical codes for proper installation.
- This unit operates on 120V AC.

3. PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- AQUASTRONG 18,000 BTU Pool Heat Pump Unit
- 1.25" Hose Adapters
- 1.5" Conversion Kits
- User Manual

- Necessary clamps and seals

4. SETUP AND INSTALLATION

The AQUASTRONG heat pump is designed for easy installation, typically completed in under 10 minutes. It adapts to all above-ground pools.

4.1 Connecting the Unit

Connect the heat pump to your pool's filtration system. Ensure all connections are secure to prevent leaks. The unit comes with both 1.25" hose adapters and 1.5" conversion kits to fit various pool setups.



Easy Installation

1.5" Adapter Converter

1.25" & 1.5" Hose Adapter Converter

* For All Above-ground Pools

Image: Easy Installation. The heat pump unit is shown with various hose adapters and conversion kits laid out on the grass, demonstrating compatibility with different pool hose sizes.



115V GFCI Weatherproof Plug

Image: 115V GFCI Weatherproof Plug. A close-up of the heat pump's power cord with a GFCI (Ground Fault Circuit Interrupter) weatherproof plug, emphasizing safety and outdoor suitability.

4.2 Installation Video Guide

Watch this official video from Aquastrong for a visual guide on setting up your pool heat pump.

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Video: Aquastrong 18,000 BTU Pool Heat Pump. This video demonstrates the simple connection process of the heat pump to an above-ground pool's existing filtration system, showing how to twist, connect, and lock the hoses.

5. OPERATING INSTRUCTIONS

Your AQUASTRONG heat pump features dual-mode temperature control for both heating and cooling, extending your swimming season.

5.1 Temperature Control

The unit can precisely heat water between 59–104°F (15–40°C) or cool it within 59–83°F (15–28°C). Use the control panel to set your desired temperature.



Image: Panel Operation. This image illustrates the functions of the control panel, including the power button, mode selection (heating/cooling), temperature adjustment buttons (raise/decrease), and the anti-frost function button. It also shows how to unlock the screen by pressing and holding the power button for 3 seconds.

5.2 Smart Control Features

The integrated panel supports multi-mode smart control, allowing for easy adjustment and monitoring of your pool's temperature.

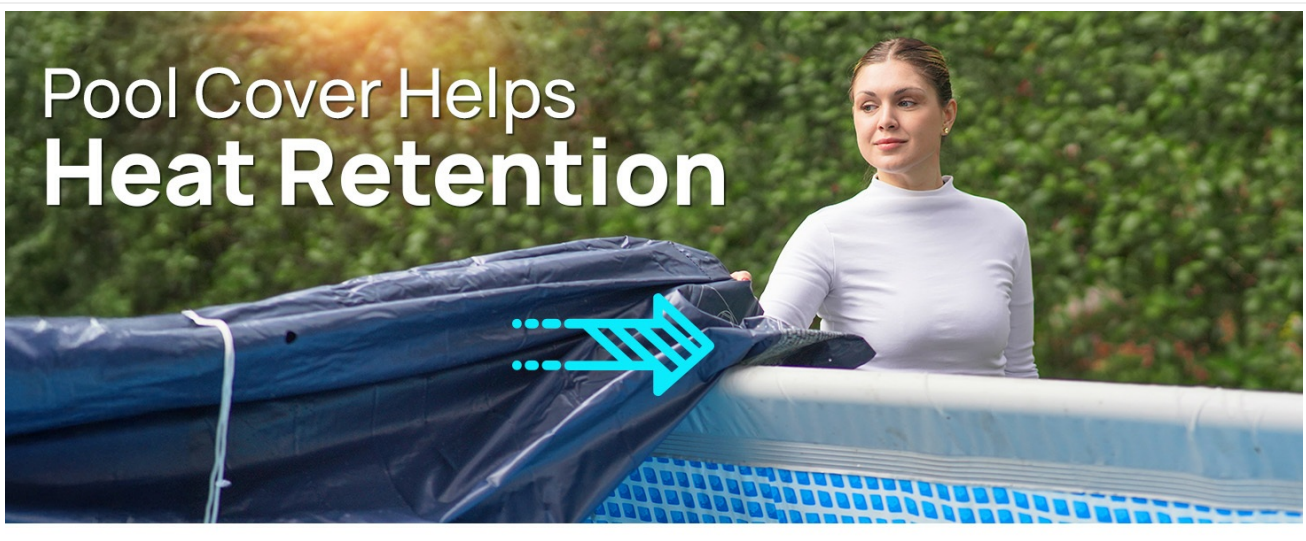


Image: Smart Control. A close-up of the heat pump's digital display and control buttons, showing a hand adjusting the temperature setting, highlighting its multi-function and user-friendly interface.

5.3 Quiet Operation

With ultra-quiet technology, the operating sound is maintained at approximately 38 dB, ensuring a peaceful environment while the unit is running.

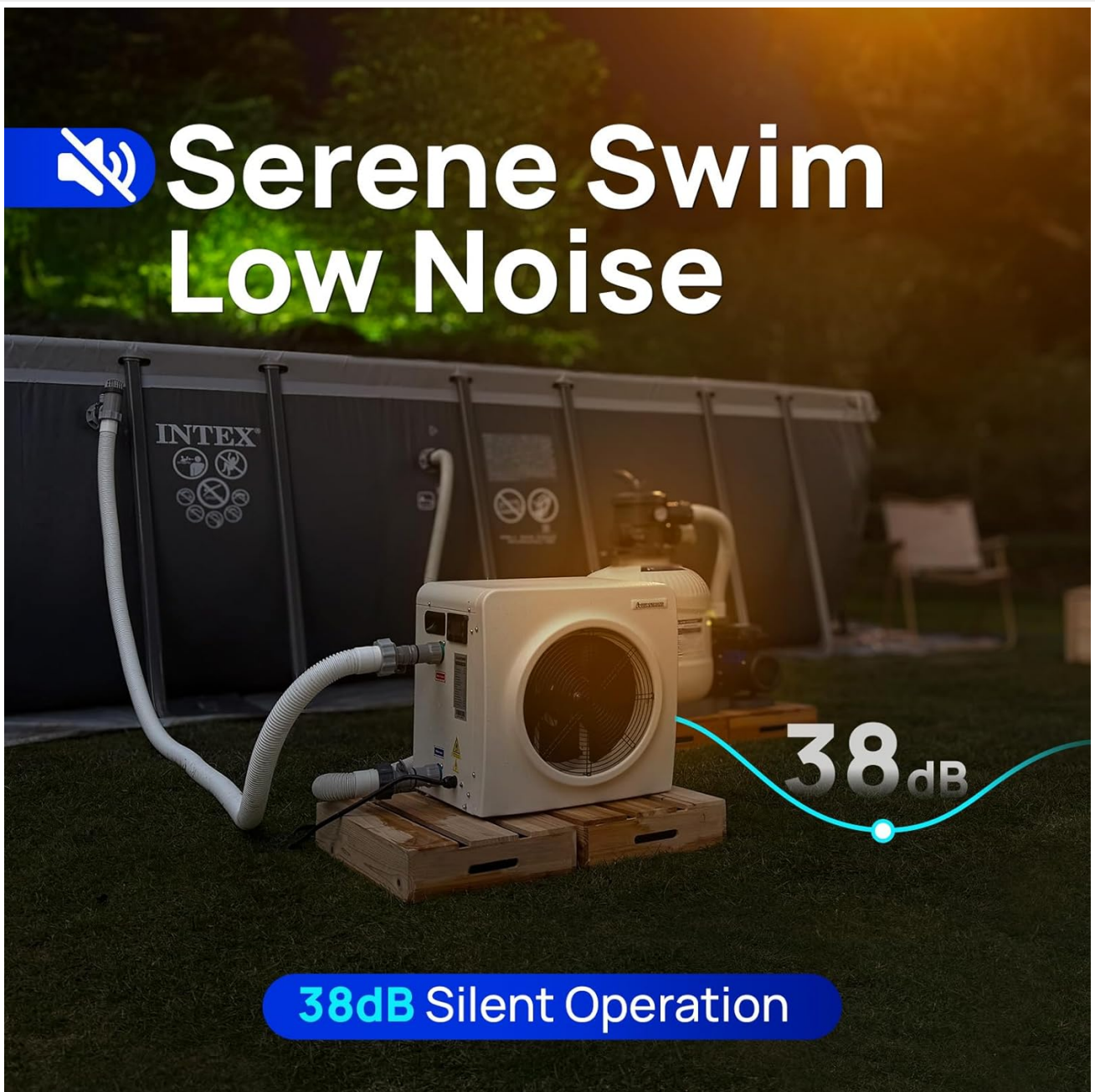


Image: Serene Swim Low Noise. The heat pump is shown operating at night next to a pool, with an overlay indicating "38 dB Silent Operation," emphasizing its quiet performance.

6. MAINTENANCE

Regular maintenance ensures the longevity and efficiency of your heat pump.

6.1 Automatic Defrost System

The unit features an intelligent auto-defrost system that automatically removes ice buildup without manual intervention, ensuring continuous operation in colder conditions.



Up to 104°F



Automatic Defrosting

Image: Up to 104°F, Automatic Defrosting. The heat pump is shown next to a pool with drinks, highlighting its ability to heat water up to 104°F and its automatic defrosting capability.

6.2 Heat Retention

Using a pool cover can significantly help in heat retention, reducing the energy required to maintain your desired pool temperature.



Image: Pool Cover Helps Heat Retention. A person is shown covering an above-ground pool, illustrating the importance of using a pool cover to maintain water temperature and reduce heat loss.

7. TROUBLESHOOTING

If you encounter issues with your heat pump, refer to the following common troubleshooting steps. For persistent problems, contact customer support.

- **Unit Not Turning On:** Check power supply, GFCI plug, and ensure all connections are secure.
- **Insufficient Heating/Cooling:** Verify temperature settings, ensure proper water flow, and check for any blockages in the system.
- **Unusual Noises:** Inspect for debris in the fan or pump, and ensure the unit is on a stable, level surface.
- **Error Codes:** Consult the specific error code meanings in the detailed manual (if available) or contact technical support.

8. SPECIFICATIONS

Feature	Detail
Brand	AQUASTRONG
Model Number	HEX018
Size	18000 BTU
Item Weight	55 pounds
Product Dimensions	14.96 x 11.42 x 14.57 inches
Voltage	120 Volts (AC)
Power Source	AC
COP (Coefficient of Performance)	5.5 (High efficiency)
Recommended Pool Size	Up to 6,500 Gallons
Operating Noise Level	38 dB
Temperature Range (Heating)	59–104°F (15–40°C)
Temperature Range (Cooling)	59–83°F (15–28°C)

9. WARRANTY AND SUPPORT

The AQUASTRONG 18,000 BTU Swimming Pool Heat Pump comes with a **3-year comprehensive warranty**. Additionally, lifetime technical support is available to assist you with any questions or issues you may encounter. For support, please refer to the contact information provided with your product packaging or visit the official AQUASTRONG website.