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EONIX guanjie-10

EONIX Upgraded 1/2 HP Cold Plunge Chiller User Manual

Model: guanjie-10

Introduction

This manual provides essential instructions for the safe and efficient operation and maintenance of your EONIX Upgraded 1/2 HP Cold Plunge Chiller. Please read this manual thoroughly before installation and use, and retain it for future reference.

Important Safety Information

Always follow basic safety precautions to reduce the risk of fire, electric shock, and personal injury. This appliance is for cold therapy use with water only. Do not use with other liquids or for purposes other than intended.

- Ensure the power supply matches the chiller's requirements (AC 110V).
- Do not operate the chiller if the power cord or plug is damaged.
- Keep the chiller away from direct sunlight and rain.
- Maintain at least 6 inches (15 cm) clearance around the chiller for proper ventilation.
- Do not block air vents.

Package Contents

Verify that all components are present in your package:

- EONIX 1/2 HP Cold Plunge Chiller Unit
- Integrated Filter Pump System
- Submersible Pump
- Insulated Hoses
- Connectors
- Power Cord
- Remote Control

- User Manual (this document)

Setup Instructions

The EONIX 1/2 HP Cold Plunge Chiller is designed for easy integration with various cold plunge tubs, including inflatable and traditional bathtubs. Follow these steps for proper setup:

1. **Placement:** Position the chiller on a stable, level surface. Ensure adequate space around the unit for ventilation (minimum 6 inches from walls or obstructions). Avoid direct sunlight and exposure to rain.
2. **Connect Hoses:** Connect the insulated hoses to the chiller's water inlet and outlet ports. Ensure all connections are tightened securely to prevent water leakage.
3. **Submersible Pump Installation:** Place the submersible pump inside your cold plunge tub. Connect the other ends of the insulated hoses to the submersible pump and the tub's water circulation system (if applicable).
4. **Fill Tub:** Fill your cold plunge tub with water. Ensure the water level is sufficient for the submersible pump to operate correctly. The chiller is recommended for 79–105 gallons containers, with a maximum limit of 132 gallons.
5. **Power Connection:** Plug the chiller's power cord into a grounded AC 110V electrical outlet.



Figure 1: Connection diagrams for the chiller with an ice bath tub and a home bathtub. Ensure hoses are securely attached to the water inlet and outlet ports.



Figure 2: Overview of the EONIX Chiller components, including the smart touchscreen, pure titanium evaporator, ergonomic portable handle, water inlet, water outlet, and built-in water pump.



Figure 3: Key components for setup, including the submersible pump with insulated hose, dual filters, and insulated casing for hoses.

Your browser does not support the video tag.

Video 1: This video demonstrates the installation process for the EONIX Cold Plunge Chiller, including hose connections and initial setup steps. It highlights the importance of tightening connections to prevent leaks.

Operating Instructions

The EONIX Chiller features an intuitive LED touch screen and a remote control for convenient operation.

1. **Power On:** Press and hold the 'POWER' button on the chiller's LED touch screen or remote control to turn on the unit.
2. **Set Temperature:** Use the 'UP' and 'DOWN' arrow buttons on the touch screen or remote to adjust your desired water temperature. The chiller can cool water down to 41°F (5°C).
3. **Cooling Indicator:** A green light and a snowflake icon will appear on the display, indicating that the chiller is actively cooling the water.

4. **Automatic Temperature Maintenance:** The chiller will automatically maintain the set temperature, providing stable cold therapy effects without significant fluctuations.
5. **Power Off:** Press and hold the 'POWER' button again to turn off the unit.



Figure 4: The chiller's LED touch screen and remote control for precise temperature adjustments and operational settings.

The 1/2 HP compressor provides efficient cooling, capable of handling water volumes up to 132 gallons. The unit operates quietly, typically between 30-40 dB, comparable to a household refrigerator.

Maintenance

Regular maintenance ensures optimal performance and longevity of your EONIX Cold Plunge Chiller.

Filter System Maintenance

The chiller features an integrated pump and filter system designed to keep water clean. Unlike systems requiring frequent filter replacements, this unit's filter element can be rinsed for reuse.

- **Weekly Rinse:** Rinse the filter element once a week to remove trapped debris and hair. This maintains water quality and flow.
- **Inspection:** Periodically inspect the filter for any signs of damage or excessive wear. Replace if necessary.



Figure 5: The chiller's built-in pump and micron-level filter system, designed for easy cleaning and maintenance.

General Cleaning

- Wipe the exterior of the chiller with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- Ensure air vents are clear of dust and debris to prevent overheating.

Troubleshooting

If you encounter issues with your EONIX Cold Plunge Chiller, refer to the following common problems and solutions. For more complex issues, please contact customer support.

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Chiller not turning on	No power, loose connection, faulty power cord.	Check power outlet, ensure power cord is securely plugged in. Verify power supply.
Water not cooling	Incorrect temperature setting, insufficient water flow, air in system (vapor lock), dirty filter.	Verify temperature setting. Check submersible pump operation. Ensure hoses are free of kinks. Clean filter. Refer to the full manual for vapor lock resolution.
Water leakage	Loose hose connections, damaged O-rings or seals.	Tighten all hose connections. Inspect O-rings and seals for damage and replace if necessary.
Unusual noise during operation	Obstruction in fan, unit not level, internal component issue.	Ensure chiller is on a level surface. Check for obstructions in fan vents. If noise persists, contact support.
Error codes on display	System malfunction.	Note the error code and consult the comprehensive user manual or contact EONIX customer support for specific guidance.

Specifications

Feature	Detail
Brand	EONIX
Model Name	Cold Plunge Chiller
Model Number	guanjie-10
Cooling Capacity	1/2 HP
Product Dimensions (L x W x H)	16.77" x 14.76" x 20.43"
Material	Aluminum
Water Capacity (Recommended)	79–105 gallons
Water Capacity (Maximum)	132 gallons
Minimum Cooling Temperature	41°F (5°C)
Power Source	Corded Electric (AC 110V)
Power Consumption	600W
Noise Level	30–40 dB
Smart Home Compatibility	Not Smart Home Compatible

Warranty Information

The EONIX Upgraded 1/2 HP Cold Plunge Chiller comes with a**1-year after-sales service warranty** from the date of purchase. This warranty covers manufacturing defects and ensures comprehensive support for product-related issues. Please retain your proof of purchase for warranty claims.

Customer Support

For any questions, technical assistance, or warranty claims regarding your EONIX Cold Plunge Chiller, please contact our customer support team. We are committed to providing prompt assistance and will respond to inquiries within 24 hours.
Contact Information: Refer to your purchase documentation or the EONIX official website for the most current contact details.

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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

Answered questions about this manual

How do I fix an E4 error code on the EONIX 1/3 HP Cold Plunge Chiller that causes the machine to shut down after 6 minutes?

The provided manual for the EONIX Upgraded 1/2 HP Cold Plunge Chiller (model guanjie-10) indicates that if you encounter an error code on the display, it signifies a system malfunction. The manual advises the...

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