

phabcf LG-CY300

phabcf LG-CY300 Ice Bath Water Chiller User Manual

Model: LG-CY300 | Brand: phabcf

1. PRODUCT OVERVIEW

The phabcf LG-CY300 Ice Bath Water Chiller is designed to cool water for cold plunge tubs and similar applications, such as large fish tanks. This unit is capable of cooling up to 87 gallons (300 liters) of water, reducing the temperature by 1.8°F to 3.6°F (1°C to 2°C) per hour, with a minimum achievable temperature of 41°F (5°C).

It features a quiet operation, producing only 35 decibels of noise, and is constructed with corrosion-resistant titanium tubes suitable for both fresh and saltwater environments. The chiller includes an LED touch screen and a remote control for convenient temperature adjustments.



Image: The phabcf LG-CY300 Ice Bath Water Chiller, showcasing its compact design and LED display.

TOUCH SCREEN AND REMOTE CONTROL

LED TOUCH SCREEN

Appearance upgrade
Easy to use

REMOTE CONTROL

Adjust at any time
Save time and effort



Image: Diagram illustrating the chiller's powerful cooling performance with two built-in quiet fans and a pure copper heat sink, using R134A refrigerant.

2. PACKAGE CONTENTS

The following items are included with your phabcf LG-CY300 Ice Bath Water Chiller:

- 87 Gallon Chiller (1 unit)
- Remote Control Unit (1 unit)
- Water Pump and Filter Assembly (1 unit)
- AC Adapter (1 unit)
- Hose (2 units, for tailoring)
- Water Pipe Connections (6 units)
- Seal Rings (4 units)
- Teflon Tape (1 roll)

PACKAGE CONTENTS



Image: All components included in the phabcf LG-CY300 Ice Bath Water Chiller package, laid out for easy identification.

3. SETUP INSTRUCTIONS

Follow these steps to set up your phabcf LG-CY300 Ice Bath Water Chiller:

1. **Prepare the Hose:** Cut the provided hose into three sections as needed for your setup.
2. **Install Filter Assembly:** Secure the water pump and filter assembly to the chiller unit using the two screws provided. Tighten the screws with a screwdriver.
3. **Connect Hoses:** Attach the water pipe connectors to the cut hose sections. Use Teflon tape on the threads for a secure, leak-proof seal. Connect one hose from the water pump/filter assembly to the 'INLET' port on the chiller. Connect another hose from the 'OUTLET' port on the chiller to your cold plunge tub's water inlet. Connect the remaining hose from your tub's water outlet back to the water pump/filter assembly.
4. **Position the Chiller:** Ensure the chiller is placed on a stable, level surface. Maintain a minimum distance of 6 inches (15 cm) from walls or other obstructions to allow for proper ventilation.

5. **Fill the Tub:** Fill your cold plunge tub with water.

6. **Power Connection:** Connect the AC adapter to the water pump and then plug the adapter into a standard electrical outlet.

Your browser does not support the video tag.

Video: A detailed guide on how to assemble and connect the phabcof Ice Bath Water Chiller system to a cold plunge tub.



Image: A visual diagram illustrating the correct plumbing connections between the chiller, water pump/filter, and a cold plunge tub.



Image: Examples of how the chiller can be connected to different types of cold plunge tubs, demonstrating its versatility.

4. OPERATING INSTRUCTIONS

The phabcf LG-CY300 chiller can be operated using its integrated LED touch screen or the included remote control.

4.1. Power On/Off

Press the power button on the LED touch screen or remote control to turn the unit on or off.

4.2. Setting Temperature

Use the temperature adjustment buttons on the LED display or remote control to set your desired target temperature. The chiller will automatically activate when the water temperature rises above the set trigger temperature and will stop once the target temperature is reached.



Image: Close-up of the chiller's LED touch screen and the remote control, highlighting temperature setting options.

5. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your chiller.

- **Filter Cleaning:** Periodically inspect and clean the water filter assembly to prevent blockages and maintain efficient water flow.
- **Water Quality:** Ensure the water in your cold plunge tub is clean. Poor water quality can affect chiller performance and lifespan.
- **Draining and Storage:** When not in use for extended periods, drain all water from the chiller and hoses. Store the unit in a dry, cool place.

6. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Chiller not turning on	No power, loose connection	Check power cord, ensure outlet is functional. Verify AC adapter connection.
Insufficient cooling	Dirty filter, poor ventilation, water volume too high	Clean filter. Ensure 6-inch clearance around chiller. Verify water volume is within specified capacity (87 gallons).
Water leakage	Loose hose connections, damaged seal ring	Tighten all hose connections. Inspect seal rings for damage and replace if necessary. Ensure Teflon tape is properly applied.
Unusual noise	Obstruction in pump, unit not level	Check water pump for debris. Ensure chiller is on a stable, level surface.

7. SPECIFICATIONS

Feature	Detail
Model Number	LG-CY300
Brand	phabcf
Color	Black
Material	Titanium
Capacity	87 Gallons (300 Liters)
Power Source	Corded Electric
Voltage	110V/60Hz
Wattage	600W
Lower Temperature Rating	41°F (5°C)
Cooling Rate	1.8°F to 3.6°F (1°C to 2°C) per hour
Noise Level	35 dB

Feature	Detail
Item Weight	39.3 pounds
Package Dimensions	20.85 x 14.5 x 14.5 inches
Installation Type	Plumbed

8. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation included with your purchase or contact the manufacturer directly. Keep your proof of purchase for warranty claims.

Manufacturer: phabcf

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.

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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