Goldair GPA-12A

Goldair Portable Air Conditioner GPA-12A User Manual

Model: GPA-12A | Brand: Goldair

INTRODUCTION

This manual provides essential instructions for the safe operation, installation, maintenance, and troubleshooting of your Goldair Portable Air Conditioner, model GPA-12A. Please read this manual thoroughly before using the appliance and retain it for future reference. Proper use ensures optimal performance and extends the lifespan of your unit.

The Goldair GPA-12A is designed to provide efficient cooling, dehumidification, and fan-only operation, with additional heating capabilities, making it a versatile climate control solution for various indoor environments.

SAFETY INFORMATION

Important: Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, and injury.

- Ensure the power supply matches the voltage specified on the rating label.

- Do not operate the unit with a damaged cord or plug. If damaged, contact qualified service personnel.

- Keep the appliance away from heat sources, direct sunlight, and flammable materials.

- Do not insert objects into the air outlets or inlets.

- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

- Always unplug the unit before cleaning or performing any maintenance.

- Do not use the appliance in wet environments such as bathrooms or laundries.

- Ensure the unit is placed on a flat, stable surface.

PRODUCT OVERVIEW

Key Features

- Powerful 3.5kW cooling capacity.

- Energy-saving mode for reduced power consumption.

- Efficient dehumidification function.

- Fan-only mode with three adjustable fan speeds.

- Water self-evaporation system.

- Low noise operation.

- 24-hour programmable timer.

- Remote control for convenient operation.

- Integrated heating capabilities.

Unit Components

Figure 1: Side view of the Goldair Portable Air Conditioner, showing the main body and the top-mounted control panel.

Figure 2: Top view of the unit, highlighting the intuitive control panel with various function buttons and display.

Figure 3: Front view of the Goldair Portable Air Conditioner, showcasing its compact and modern design.

Figure 4: Side view of the unit with the top air outlet vent open, illustrating the airflow mechanism.

The Goldair GPA-12A includes the main portable air conditioner unit, an exhaust hose, a window sealing kit, and a remote control. Familiarize yourself with these components before proceeding with installation.

SETUP

Unpacking and Placement

1. Carefully remove the unit from its packaging. Retain packaging for future storage or transport.
2. Place the air conditioner on a firm, level surface in the desired room.
3. Ensure there is at least 30 cm (12 inches) of clear space around the unit for proper airflow.
4. Avoid placing the unit near heat sources or in direct sunlight.

Exhaust Hose Installation

1. Attach one end of the exhaust hose to the air outlet on the back of the unit. Twist clockwise until securely fastened.
2. Attach the window adapter to the other end of the exhaust hose.
3. Extend the exhaust hose to the nearest window or vent opening. Keep the hose as short and straight as possible to maximize efficiency.

Window Kit Installation

1. Open the window and place the window sealing kit panels into the window frame. Adjust the panels to fit the window opening securely.
2. Insert the window adapter of the exhaust hose into the opening of the window sealing kit.
3. Close the window as much as possible to seal around the kit and hose, preventing outside air from

entering.

OPERATING INSTRUCTIONS

Control Panel

The control panel is located on the top of the unit. It features a digital display and several touch buttons for various functions.

- **Power Button:** Turns the unit ON or OFF.
- **Mode Button:** Cycles through Cooling, Dehumidifying, Fan, and Heating modes.
- **Fan Speed Button:** Adjusts fan speed (Low, Medium, High).
- **Timer Button:** Sets the auto-on or auto-off timer.
- **Temperature Up/Down Buttons:** Adjusts the desired temperature.

Remote Control

The remote control duplicates most functions of the control panel, allowing for convenient operation from a distance. Ensure batteries are correctly inserted.

Operating Modes

- **Cooling Mode:** Select this mode for air conditioning. Adjust the temperature using the Up/Down buttons.
- **Dehumidifying Mode:** Removes excess moisture from the air. The fan speed is typically fixed in this mode.
- **Fan Mode:** Circulates air without cooling or heating. Select desired fan speed.
- **Heating Mode:** Provides warmth. Adjust the temperature using the Up/Down buttons.

Timer Function

To set the timer for auto-on or auto-off, press the Timer button and use the Up/Down buttons to select the desired number of hours (1-24). The timer indicator will illuminate.

MAINTENANCE

Regular maintenance ensures the efficient operation and longevity of your Goldair Portable Air Conditioner. Always unplug the unit before performing any maintenance.

Cleaning the Air Filter

1. Locate the air filter, usually at the back or side of the unit.
2. Remove the filter carefully.
3. Clean the filter with a vacuum cleaner or wash it with warm, soapy water. Rinse thoroughly.
4. Allow the filter to dry completely before reinstalling it.
5. Clean the air filter every two weeks or more frequently depending on usage and air quality.

Draining Water

The unit features a self-evaporation system, but in high humidity conditions, the internal water tank may fill. When the tank is full, the unit will stop operating and display an indicator.

1. Turn off and unplug the unit.

2. Place a shallow pan or tray under the drainage outlet, typically located at the bottom rear of the unit.

3. Remove the drain plug to allow water to flow out.

4. Once drained, replace the drain plug securely.

Storage

Before storing the unit for an extended period:

- Drain all accumulated water.

- Clean the air filter.

- Unplug the power cord and wrap it neatly.

- Store the unit in a cool, dry place, preferably in its original packaging.

TROUBLESHOOTING

Before contacting customer support, review the following common issues and their solutions.

Problem	Possible Cause	Solution
Unit does not turn on.	No power supply; Power cord not plugged in; Circuit breaker tripped.	Check power outlet; Ensure plug is fully inserted; Reset circuit breaker.
Unit is running but not cooling.	Air filter clogged; Exhaust hose not properly installed; Room too large; Doors/windows open.	Clean air filter; Ensure exhaust hose is sealed; Close doors/windows; Consider unit capacity for room size.
Unit displays "FL" (Full Water Tank).	Internal water tank is full.	Drain the water from the unit as per maintenance instructions.
Excessive noise.	Unit not on a level surface; Obstruction in fan.	Place unit on a flat, stable surface; Check for and remove any obstructions.

SPECIFICATIONS

Feature	Detail
Brand	Goldair
Model	GPA-12A
Cooling Capacity	3.5 kW (12000 BTU)
Wattage	1450 W
Voltage	230 Volts
Noise Level	64 dB
Refrigerant	R-290
Capacity (Water Tank)	2 Liters

Feature	Detail
Product Dimensions (D x W x H)	52D x 45.5W x 87.5H cm
Weight	37 kg
Material Type	Plastic
Special Features	Remote Controlled, Energy Saving Mode, Dehumidification, Fan Only Mode, Water Self-Evaporation, 24-Hour Timer, Heating Capabilities

WARRANTY AND SUPPORT

Warranty Information

This Goldair Portable Air Conditioner, model GPA-12A, comes with a **1 Year Warranty** from the date of purchase. This warranty covers manufacturing defects and faulty materials under normal domestic use. Please retain your proof of purchase for warranty claims.

The warranty does not cover damage caused by misuse, neglect, accidental damage, or unauthorized repairs. For full warranty terms and conditions, please refer to the warranty card included with your product or visit the official Goldair website.

Customer Support

If you encounter any issues not covered in the troubleshooting section or require further assistance, please contact Goldair customer support. Contact details can typically be found on the Goldair official website or on the product packaging.

When contacting support, please have your model number (GPA-12A) and proof of purchase readily available.