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Garvee NPLJ12A-06H/X1E1

Garvee 8,000 BTU Portable Air Conditioner

User Manual (Model NPLJ12A-06H/X1E1)

Brand: Garvee

1. Product Overview

The Garvee 8,000 BTU Portable Air Conditioner is a versatile 3-in-1 unit designed to provide efficient cooling, dehumidification, and fan functions for rooms up to 350 square feet. It features a user-friendly design with a 24-hour programmable timer, adjustable thermostat (61°F to 88°F), LED control panel, and a convenient remote control. This compact unit is easy to install and space-saving, allowing for portability to various cooling areas. It comes with a complete window installation kit and an exhaust hose.

2. Safety Information

- Always place the unit upright for at least 24 hours before initial operation to allow the refrigerant to settle. Failure to do so may cause damage to the compressor.
- Ensure the power supply cord is not damaged. If damaged, it must be replaced by the manufacturer or a qualified service agent.
- Use on a single outlet circuit only.
- Do not block air inlets or outlets. Maintain adequate clearance around the unit for proper airflow.
- Do not operate the unit with wet hands or in excessively damp environments.
- Keep children and pets away from the unit during operation.

3. Package Contents

Verify that all items are present in the package:

- 1 x Garvee Portable Air Conditioner Unit
- 1 x Remote Control
- 1 x Exhaust Hose
- 1 x Hose Connector
- 1 x Window Vent Installation Kit (includes window bracket and adapter)

- 1 x Drain Hose
- User Manual (this document)

4. Setup & Installation

The Garvee portable air conditioner is designed for quick and easy installation. No additional assembly tools are required for the window kit.

4.1 Unpacking and Initial Placement

1. Carefully remove the unit and all accessories from the packaging.
2. Place the air conditioner upright on a flat, stable surface.
3. **Important:** Allow the unit to stand upright for at least 24 hours before plugging it in or turning it on. This ensures the refrigerant settles properly, preventing potential damage.

4.2 Window Kit Installation

The window kit is suitable for double-hung windows or sliding windows. The window bracket is adjustable from 17 to 53 inches.



Figure 1: Window types suitable for installation and adjustable bracket dimensions.

1. Adjust the window bracket to fit your window opening. Secure it in place.
2. Attach the hose connector to one end of the exhaust hose.
3. Connect the other end of the exhaust hose to the exhaust outlet on the back of the air conditioner unit.
4. Insert the hose connector into the opening of the window bracket, ensuring a secure fit to prevent air leakage.



Figure 2: Example of the portable AC unit correctly installed with the window kit.

5. Operating Instructions

The Garvee portable AC unit can be controlled via the LED panel on top of the unit or with the included remote control.



Figure 3: Top control panel and remote control for the Garvee Portable AC.

5.1 Power On/Off

Press the power button (**U**) on the control panel or remote control to turn the unit on or off.

5.2 Mode Selection

Press the 'Mode' button to cycle through the available operating modes: Cool, Dehumidifier (Dry), and Fan.



Figure 4: The 3-in-1 modes of the Garvee Portable AC.

5.3 Temperature Adjustment

In Cool mode, use the 'Up' and 'Down' arrows on the control panel or remote to set the desired temperature between 61°F and 88°F.

5.4 Fan Speed

In Fan mode, press the 'Speed' button to select between High and Low fan speeds.

5.5 Timer Function

Press the 'Timer' button to activate the 24-hour programmable timer. Use the 'Up' and 'Down' arrows to set the desired operating duration.

5.6 Sleep Mode

Activate Sleep Mode for quieter operation and optimized temperature settings during sleep. This mode adjusts the temperature gradually to maintain comfort while reducing noise levels.



Figure 5: Quiet cooling and Sleep Mode for enhanced comfort.

6. Modes & Features

- **Cool Mode:** Provides powerful cooling with 8,000 BTUs, suitable for areas up to 350 sq.ft. Adjustable temperature range from 61°F to 88°F.
- **Dehumidifier Mode:** Effectively reduces humidity, removing up to 50 pints (1.2 liters/hour) of moisture from the

air, creating a healthier environment.

- **Fan Mode:** Circulates air with two speed settings (High/Low) for gentle air movement without cooling.
- **Smart Sleep Mode:** Optimizes temperature and fan speed for quiet and comfortable sleep.
- **24-Hour Timer:** Allows for pre-setting the unit to turn on or off at desired times.
- **LED Display & Remote Control:** Easy monitoring and control of settings from the unit or remotely.

6.1 BTU Sizing Guide

Choosing the correct BTU capacity is crucial for efficient cooling. Refer to the table below for general guidance based on ASHRAE standards.



Figure 6: BTU Sizing Guide for Portable Air Conditioners.

- The BTU cooling capacity in the table meets ASHRAE standards.
- Room occupancy, sunlight exposure, and insulation levels affect the needed BTU capacity.
- Consult a professional to choose the right-sized portable air conditioner, as BTU requirements vary.

7. Maintenance

Regular maintenance ensures optimal performance and longevity of your Garvee portable air conditioner.

7.1 Cleaning the Air Filter

The air filter should be cleaned regularly (every two weeks or more often depending on usage) to maintain efficiency.

1. Turn off and unplug the unit before cleaning.
2. Locate and remove the air filter from the back of the unit.
3. Wash the filter with warm, soapy water. Rinse thoroughly.
4. Allow the filter to air dry completely before reinserting it into the unit. Do not use a dryer or direct sunlight.

7.2 Draining Water

The unit has a self-evaporative system, but in high humidity conditions, the internal water tank may fill up. The 'Water Full' indicator will illuminate when draining is required.

1. Turn off and unplug the unit.
2. Place a shallow pan or bucket under the drain outlet at the bottom rear of the unit.
3. Remove the drain plug. Water will begin to flow out.
4. For continuous drainage, attach the provided drain hose to the drain outlet and direct it to a suitable drain.
5. Once drained, replace the drain plug securely.

7.3 Cleaning the Unit Exterior

Wipe the exterior of the unit with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.

8. Troubleshooting

If you encounter issues with your Garvee portable air conditioner, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Unit does not turn on	No power; Power cord not fully plugged in; Fuse blown; Water tank full	Check power outlet; Ensure plug is secure; Check/replace fuse; Drain water tank.
Unit is not cooling effectively	Air filter dirty; Exhaust hose blocked/leaking; Room size too large; Doors/windows open; Temperature setting too high	Clean air filter; Check exhaust hose for blockages or leaks; Ensure room size is within unit's capacity; Close all doors/windows; Lower temperature setting.
Unit is noisy	Unit not on a level surface; Air filter dirty; Obstruction in fan	Place unit on a flat surface; Clean air filter; Check for and remove any obstructions.
Water Full indicator is on	Internal water tank is full	Drain the water tank as described in Section 7.2.

If the problem persists after attempting these solutions, please contact Garvee customer support.

9. Specifications

Feature	Specification
Brand	Garvee
Model Number	NPLJ12A-06H/X1E1
Cooling Power	8,000 British Thermal Units (BTUs)
Coverage Area	Up to 350 Sq.Ft
Modes	Cool, Dehumidifier, Fan
Dehumidification Capacity	50 Pints (1.2 Liters/Hour)
Fan Speeds	2 (High/Low)
Adjustable Thermostat	61°F to 88°F
Timer	24-Hour Programmable
Noise Level	51 Decibels
Product Dimensions (D x W x H)	15.87"D x 13.11"W x 34.84"H
Voltage	115.0 V
Wattage	740.0 W
Installation Type	Window
Included Components	Portable AC unit, Remote Control, Exhaust Hose, Hose Connector, Window Kits

10. Warranty & Support

This Garvee portable air conditioner comes with a**1-Year Warranty** from the date of purchase.
For any questions, technical assistance, or warranty claims, please contact Garvee customer support through the retailer where the product was purchased or visit the official Garvee website for contact information.

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