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Prem-i-air EH1922

Prem-I-Air 4-in-1 Portable Air Conditioner

Model: EH1922 | 8000 BTU

Introduction

This manual provides essential information for the safe and efficient operation of your Prem-I-Air 4-in-1 Portable Air Conditioner, Model EH1922. Please read these instructions thoroughly before use and retain them for future reference. The Prem-I-Air EH1922 is a versatile 8000 BTU portable air conditioning unit designed to provide cooling, fan, and dehumidifying functions, along with a dedicated sleep mode, to enhance your indoor comfort.

Safety Information

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

- Ensure the unit is placed on a stable, level surface.
- Do not operate the unit with a damaged cord or plug.
- Keep the air inlet and outlet grilles clear of obstructions.
- Do not insert fingers or foreign objects into the grilles.
- Unplug the unit before cleaning or performing any maintenance.
- This appliance uses R290 refrigerant. Ensure proper ventilation during installation and maintenance.
- Do not attempt to repair or modify the unit yourself. Contact qualified service personnel.

Package Contents

Verify that all items are present and in good condition upon unpacking.

- Prem-I-Air Portable Air Conditioner Unit (Model EH1922)
- Remote Control
- Exhaust Hose
- Hose Adapter
- Window Venting Kit (for sliding windows)
- Window Venting Kit (for hinged windows)
- Dust Cover
- User Manual (this document)



Image: The Prem-I-Air portable air conditioner unit shown with its complete set of accessories, including the exhaust hose, two types of window venting kits, the remote control, and a protective dust cover.

Setup

Follow these steps for initial setup and installation.

1. Positioning the Unit

Place the air conditioner on a firm, level surface, ensuring there is at least 30cm (12 inches) of space around the unit for proper airflow. The unit is equipped with castors for easy movement.



Image: A visual representation of the air conditioner's dimensions, indicating a height of 700mm, and a width and depth of 300mm each. The power cable length is specified as 1.8 meters.

2. Exhaust Hose Installation

1. Screw the exhaust hose onto the hose adapter.
2. Insert the hose adapter into the exhaust outlet on the back of the unit.
3. Extend the exhaust hose to the nearest window.

3. Window Venting Kit Installation

Two types of window kits are provided for compatibility with various window styles. No tools or drilling are required for installation.

- **For Sliding/Gliding Hung Windows:** Use the adjustable window seal plate. Extend the plate to fit the window opening and secure it. Insert the exhaust hose end into the opening of the plate.
- **For Single/Double Hung Windows:** Use the fabric window seal kit. Attach the fabric seal around the window opening using the adhesive strips, then zip the exhaust hose into the opening of the fabric seal.



Image: A diagram illustrating the installation of the window seal kit for hinged windows, demonstrating how the exhaust hose is connected to the seal to ensure efficient cooling by preventing hot air re-entry and blocking insects.



Image: This image demonstrates the straightforward installation process for the portable air conditioner, showing how it can be set up with both sliding/gliding hung windows and traditional single/double hung windows without the need for tools or drilling.

Operating Instructions

Your Prem-I-Air portable air conditioner features a user-friendly digital LED display and a convenient wireless remote control for full command over all operating modes.



Image: The remote control for the air conditioner is displayed, highlighting its various function buttons including Power, Cool, Dry, Fan, Timer, Sleep, and temperature adjustment controls.

Control Panel and Remote Control

The control panel on top of the unit allows direct operation, while the remote control offers convenience from a distance. Ensure batteries are correctly inserted into the remote control.

Operating Modes

The unit offers four versatile operating modes:

- **AC Mode (Cooling):** Provides powerful cooling. Adjust the desired temperature using the up/down arrows on the control panel or remote. The cooling capacity is 8000 BTU, suitable for cooling areas of 10-15m². The temperature range is 16°C to 32°C.
- **Fan Mode:** Circulates air without cooling. Ideal for general air circulation.
- **Dry Mode (Dehumidifying):** Reduces humidity in the room. Water collected will need to be drained from the unit.
- **Sleep Mode:** Gradually adjusts the temperature to ensure a comfortable sleeping environment while minimizing

overnight energy consumption. The noise level in this mode is designed to be low, typically ≤53dB.



Image: This graphic displays the four operational modes of the air conditioner: Dry Mode for dehumidification, Fan Mode for air circulation, AC Mode for cooling, and Sleep Mode for quiet, energy-efficient operation.



Image: An illustration of the Sleep Mode, highlighting its quiet operation (noise level ≤53dB) and its function to gradually adjust room temperature for optimal sleeping comfort.

Timer Function

The built-in 24-hour on/off timer allows you to program the unit to start or stop automatically at a set time.

Oscillation

The automatic oscillation mode allows you to direct airflow across a wide area or in a precise direction for optimal comfort.

Maintenance

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

Cleaning the Air Filter

The air filter should be cleaned every two weeks or more frequently depending on usage and air quality. A dirty filter can reduce efficiency.

1. Unplug the unit from the power outlet.
2. Remove the air filter from the back of the unit.
3. Clean the filter with a vacuum cleaner or wash it with warm, soapy water.
4. Rinse thoroughly and allow it to air dry completely before reinserting.

Draining Water

In dehumidifying mode or high humidity conditions, water will accumulate in the internal tank. The unit will indicate when the tank is full and needs draining.

1. Place a shallow pan or container under the drain outlet at the bottom rear of the unit.
2. Remove the drain plug to allow water to flow out.
3. Once drained, replace the drain plug securely.

Storage

When not in use for extended periods, especially during off-season, use the provided dust cover to protect the unit from dust and sun damage.



Image: The portable air conditioner is shown with its protective grey dust cover, illustrating how it safeguards the unit from dust accumulation and potential UV damage during storage.

TROUBLESHOOTING

Before contacting customer support, please refer to the following common issues and 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.

Problem	Possible Cause	Solution
Unit does not cool effectively.	Air filter dirty; exhaust hose blocked or improperly installed; room too large; windows/doors open.	Clean air filter; check exhaust hose for kinks/blockages and proper window sealing; ensure room size is within 10-15m²; close all windows and doors.
Unit is noisy.	Unit not on a level surface; fan speed too high.	Ensure unit is on a flat surface; reduce fan speed if possible. Note: Some operating noise is normal.
Water leakage.	Drain plug not securely closed; unit tilted.	Ensure drain plug is tightly closed; place unit on a level surface.
Remote control not working.	Batteries dead or incorrectly inserted; remote out of range.	Replace batteries; ensure correct polarity; operate remote within effective range and point towards the unit.

Specifications

Detailed technical specifications for the Prem-I-Air Portable Air Conditioner Model EH1922.

Brand: Prem-i-air

Model: EH1922

Cooling Capacity: 8000 BTU

Energy Efficiency Rating: Class A

Refrigerant: R290 (Eco-friendly)

Voltage: 230 Volts (AC)

Wattage: 891 watts

Noise Level: 65 dB (max)

Product Dimensions (D x W x H): 30.5 x 32.8 x 67.8 cm

Item Weight: 19 kg

Material Type: Plastic

Colour: White

Special Features: Castors for portability, Dust Cover included



Image: This graphic highlights key performance specifications: an 8000 BTU cooling capacity, effective for areas between 10-15 square meters, an adjustable temperature range from 16°C to 32°C, and the use of R290 refrigerant.

Warranty and Support

For warranty information and customer support, please refer to the documentation provided with your purchase or visit the official Prem-I-Air website. Keep your proof of purchase for warranty claims.
For technical assistance or service inquiries, please contact Prem-I-Air customer service.
Note: Specific warranty terms and contact details may vary by region and purchase location. Always consult the most current information from the manufacturer.

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