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› TROTEC Mobile Air Conditioner PAC 2600 X User Manual

TROTEC PAC 2600 X

User Manual

TROTEC MOBILE AIR CONDITIONER

Model: PAC 2600 X

1. Introduction and Product Overview

Thank you for choosing the TROTEC PAC 2600 X mobile air conditioner. This versatile 3-in-1 unit is designed to provide efficient cooling, effective ventilation, and reliable dehumidification for your indoor spaces. With a powerful cooling capacity of 2.6 kW (9,000 BTU/h), it is ideal for rooms up to 34 m² or 85 m³. Its compact design and portability make it a convenient solution for maintaining a comfortable environment.



Image 1: Front view of the TROTEC PAC 2600 X Mobile Air Conditioner. This image shows the compact, white unit with black side panels and the front air outlet louvers.

2. Safety Instructions

Please read all safety warnings and instructions carefully before operating the appliance. Failure to follow the warnings and instructions may result in electric shock, fire, and/or serious injury.

- Always ensure the appliance is placed on a stable, level surface to prevent tipping.
- Do not block the air inlets or outlets. Maintain adequate clearance around the unit for proper airflow.
- Do not operate the appliance with a damaged cord or plug. If the supply cord is damaged, it must be replaced

by the manufacturer, its service agent, or similarly qualified persons to avoid a hazard.

- 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.
- Ensure the voltage indicated on the rating label corresponds to the mains voltage in your home before connecting the appliance.
- Do not use the appliance in wet or damp environments, such as bathrooms or laundry rooms.
- Unplug the appliance from the power outlet before cleaning, performing maintenance, or when not in use for extended periods.

3. Package Contents

Upon unpacking, please verify that all components listed below are present and undamaged:

- TROTEC PAC 2600 X Mobile Air Conditioner Unit
- Exhaust Hose
- Hose Connector
- Hose Adapter
- Remote Control
- User Manual (this document)

Note: The TROTEC AirLock sealing kit (AirLock 100 / 1000) is available separately and is recommended for optimal performance when using the cooling function.

4. Product Features

The TROTEC PAC 2600 X is equipped with several features designed for user comfort and efficiency:

- **Optimal Cooling Power:** Delivers 2.6 kW / 9,000 BTU/h, effectively cooling rooms up to 34 m².
- **Energy Efficiency Class A:** Ensures powerful cooling while managing energy consumption.
- **3-in-1 Functionality:** Offers cooling, ventilation, and dehumidification modes.
- **Adjustable Airflow:** Horizontally and vertically adjustable louvers allow for precise control of air direction.
- **Integrated Air Purification Filter:** Helps remove dust and pet hair from the air, contributing to a cleaner indoor environment.
- **Intuitive Control Panel:** Features an LED display for easy monitoring and control.
- **Remote Control with 'Follow-Me' Function:** Allows convenient operation from a distance and adjusts cooling based on the remote's location.
- **Two Ventilation Levels:** Choose between different fan speeds for customized airflow.
- **Timer Function:** Program the unit to turn on or off automatically.

5. Setup and Installation

Follow these steps for proper setup of your mobile air conditioner:

1. **Placement:** Position the unit on a firm, level surface. Ensure there is at least 20 cm (8 inches) of space around the unit for proper air circulation. Avoid placing it in direct sunlight or near heat sources.
2. **Exhaust Hose Assembly:** Attach the hose connector to one end of the exhaust hose and the hose adapter to the other end.
3. **Connecting to the Unit:** Insert the hose connector end into the exhaust air outlet on the back of the air conditioner.

4. **Window Installation:** Extend the hose to a window or door. For optimal cooling efficiency, it is highly recommended to use a window sealing kit (e.g., TROTEC AirLock) to prevent hot air from re-entering the room. Secure the hose adapter in the window opening.



Image 2: Side view of the TROTEC PAC 2600 X showing the exhaust hose connected to the unit. This illustrates how the hot air is expelled from the appliance.

Important Note for First Use: If the unit has been tilted during transport, allow it to stand upright for at least 12 hours before plugging it in and turning it on. This allows the refrigerant fluids to settle, similar to a refrigerator, ensuring proper operation and longevity.

6. Operating Instructions

The PAC 2600 X can be operated via its control panel or the included remote control.

Control Panel Overview



Image 3: Close-up of the TROTEC PAC 2600 X control panel, showing the LED display and touch buttons for Mode, Temperature adjustment, and Power.

- **POWER Button (U):** Press to turn the unit ON or OFF.
- **MODE Button:** Press to cycle through the operating modes: Cool (cooling), Fan (ventilation), Dry (dehumidification).
- **Temperature/Timer Adjustment Buttons (- / +):** Use these buttons to adjust the desired temperature in Cool mode or set the timer duration.
- **LED Display:** Shows the set temperature, timer settings, and current operating mode.

Operating Modes

- **Cooling Mode:** Select 'Cool' mode. Use the - / + buttons to set your desired room temperature. The unit will cool until the set temperature is reached.
- **Fan Mode:** Select 'Fan' mode. The unit will circulate air without cooling. You can adjust the fan speed (low/high) using the remote control.
- **Dehumidification Mode:** Select 'Dry' mode. The unit will remove excess moisture from the air. In this mode, it

is crucial to ensure continuous drainage of condensed water.

Remote Control

The remote control provides full functionality from a distance. It includes a 'Follow-Me' function, which uses a sensor in the remote to measure the temperature at its location and adjust the unit's operation accordingly, ensuring optimal comfort where you are.

7. Maintenance

Regular maintenance ensures optimal performance and extends the lifespan of your air conditioner.

Air Filter Cleaning

The integrated air filter should be cleaned regularly, especially if the unit is used frequently. A dirty filter can reduce cooling efficiency and airflow.

1. Turn off the unit and unplug it from the power outlet.
2. Locate the air filter cover on the back of the unit.
3. Remove the filter cover and carefully slide out the air filter.
4. Clean the filter using a vacuum cleaner to remove dust and debris. For heavy dirt, wash the filter gently with lukewarm water and a mild detergent. Rinse thoroughly.
5. Allow the filter to dry completely before reinserting it into the unit. Do not expose it to direct sunlight.
6. Replace the filter cover.



Image 4: A hand demonstrating the removal of the air filter from the back of the TROTEC PAC 2600 X, highlighting the ease of maintenance.

Water Tank Emptying (Dehumidification Mode)

In dehumidification mode, condensed water collects in an internal tank. When the tank is full, the unit may stop operating. You can either manually empty the tank or set up continuous drainage.

- **Manual Emptying:** When the 'Water Full' indicator lights up, turn off the unit and carefully move it to a location where you can drain the water. Remove the drain plug at the bottom of the unit and allow the water to flow into a suitable container. Replace the plug securely.
- **Continuous Drainage:** For continuous operation in dehumidification mode, connect a suitable drain hose (not included) to the continuous drainage outlet (usually located at the lower rear of the unit). Ensure the hose is

sloped downwards to allow gravity drainage into a floor drain or large receptacle.

General Cleaning and Storage

- Wipe the exterior of the unit with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- Before storing the unit for an extended period, ensure the water tank is completely empty and the unit is dry.
- Store the unit in a cool, dry place, away from direct sunlight and extreme temperatures.

8. Troubleshooting

If you encounter issues with your TROTEC PAC 2600 X, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Unit does not turn on.	No power supply; Power button not pressed.	Check power cord connection; Ensure outlet is functional; Press the POWER button.
Unit is running but not cooling.	Air filter is dirty; Exhaust hose not properly installed/sealed; Room size too large; Doors/windows open.	Clean the air filter; Ensure exhaust hose is securely connected and window is sealed (use AirLock); Close all doors and windows; Verify room size is within unit's capacity.
Unit is very noisy.	Normal operation for mobile ACs; Unit not on a level surface; Obstruction in fan.	Mobile air conditioners produce some operational noise; Ensure unit is on a flat, stable surface; Check for any foreign objects near the fan or air inlets/outlets.
Water tank full indicator is on.	Internal water tank is full (in Dehumidification mode).	Empty the internal water tank manually or set up continuous drainage as described in the Maintenance section.

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

9. Specifications

Detailed technical specifications for the TROTEC PAC 2600 X:

Specification	Value
Brand	TROTEC
Model Number	PAC 2600 X
Dimensions (L x W x H)	34.5 x 35.5 x 70.3 cm
Cooling Capacity	2.6 kW / 9,000 BTU/h
Energy Efficiency Class	A
Voltage	230 Volts

Specification	Value
Wattage	2.6 KW
Special Features	Air purification filter, Remote controlled, 2 ventilation levels, Dehumidifier
Type of Installation	Portable
Color	White

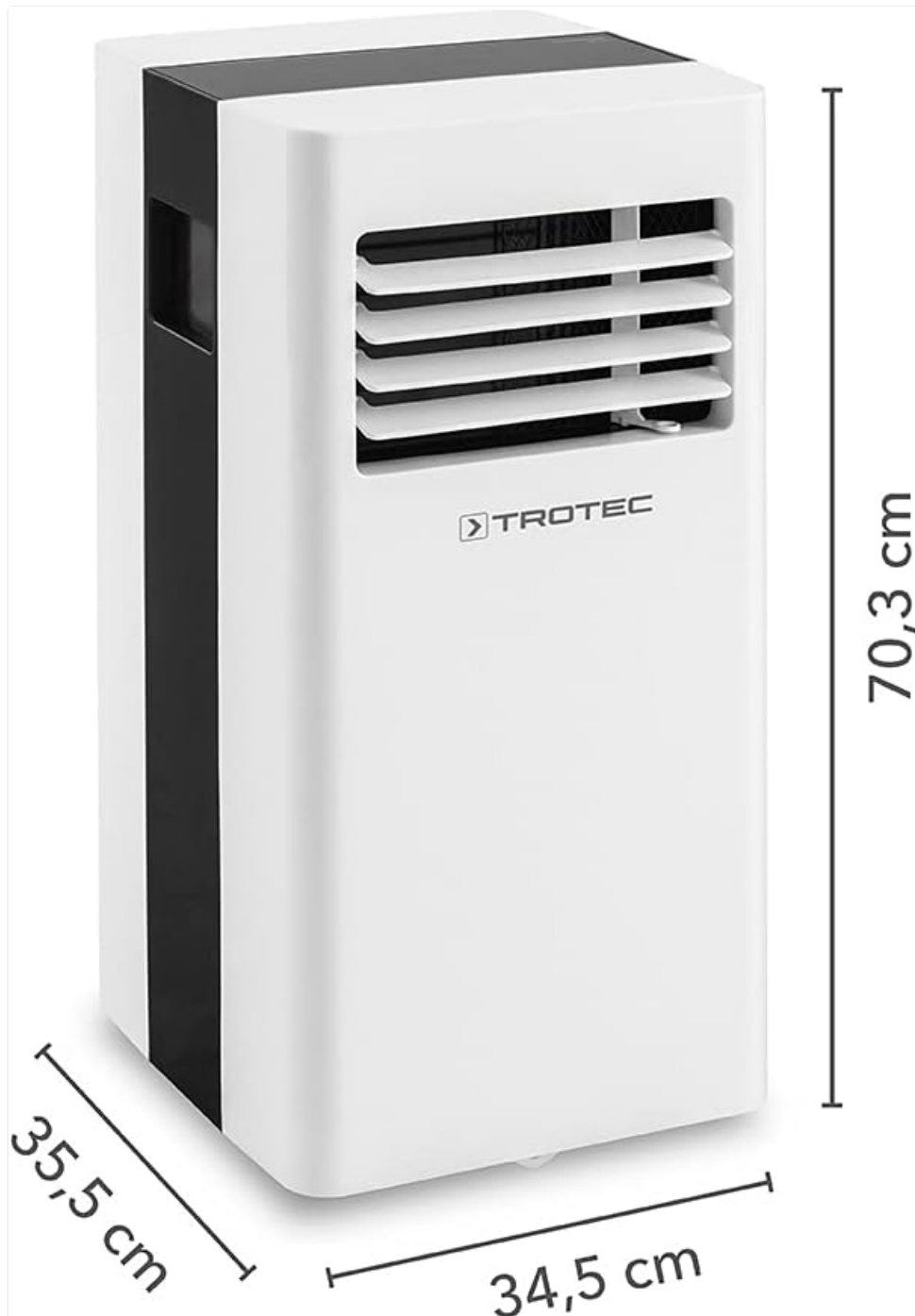


Image 5: Diagram showing the dimensions of the TROTEC PAC 2600 X, with measurements of 34.5 cm (width), 35.5 cm (depth), and 70.3 cm (height).

10. Warranty and Support

For warranty information and technical support, please refer to the warranty card included with your product or visit the official TROTEC website. Keep your purchase receipt as proof of purchase for any warranty claims.

If you require assistance with troubleshooting, parts, or general inquiries, please contact TROTEC customer service. Contact details can typically be found on the manufacturer's website or in the product packaging.