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TROTEC PAE 25 Air Cooler User Manual

Model: PAE 25 | Brand: TROTEC

1. INTRODUCTION AND OVERVIEW

The TROTEC PAE 25 is a versatile 3-in-1 air cooler designed to improve your indoor climate. It functions as an air cooler, a fan, and an air humidifier, making it suitable for year-round use. This device utilizes efficient evaporative cooling with Honeycomb technology to provide a pleasant cooling effect. Key features include four fan speeds, a timer function, an LED display, and convenient control via an infrared remote. It also offers a quiet night mode, a natural wind mode, and adjustable, automatically oscillating louvers for optimal air distribution. Its stable wheels and lightweight design ensure easy portability.



Image 1: The TROTEC PAE 25 Air Cooler, shown with its remote control and two included ice packs.

2. SAFETY INSTRUCTIONS

Please read these safety instructions carefully before operating the device. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Always connect the device to a properly grounded power outlet.
- Do not operate the device with a damaged power cord or plug.
- Ensure the voltage indicated on the rating label matches your local power supply.
- Do not immerse the device, power cord, or plug in water or other liquids.
- Keep the device away from heat sources, direct sunlight, and moisture.
- Do not block the air inlets or outlets.
- Always unplug the device before cleaning, maintenance, or when not in use.
- Do not allow children to operate or play with the device.
- Only use original spare parts and accessories.
- Ensure the water tank is securely closed before moving the unit to prevent spills.

3. PRODUCT COMPONENTS

The TROTEC PAE 25 Air Cooler package includes the following main components:

- TROTEC PAE 25 Air Cooler Unit
- Infrared Remote Control
- Two Ice Packs
- User Manual (this document)

Component Overview



Image 2: The TROTEC PAE 25 Air Cooler with its approximate dimensions: 74 cm height, 33 cm width, and 31 cm depth.



Image 3: Rear view of the air cooler, highlighting the removable air filter for maintenance.



Image 4: Detailed view of the control panel on top of the unit and the infrared remote control.

4. SETUP

4.1 Unpacking

Carefully remove the device from its packaging. Retain the packaging for future storage or transport. Check for any visible damage to the unit or accessories. If any damage is found, do not operate the device and contact customer support.

4.2 Placement

Place the air cooler on a stable, level surface. Ensure there is sufficient space around the unit for proper air circulation (at least 20 cm from walls or furniture). Avoid placing it near curtains or other objects that could obstruct the air inlets or outlets.



Image 5: The air cooler positioned in a room, demonstrating suitable placement.

4.3 Filling the Water Tank

The PAE 25 uses water for its evaporative cooling function. For enhanced cooling, you can use the included ice packs or ice cubes.

1. Pull out the water tank from the bottom rear of the unit.
2. Fill the tank with clean, cold water. Observe the 'MIN' and 'MAX' indicators to avoid overfilling or underfilling.
3. For additional cooling, place the frozen ice packs or ice cubes into the designated compartment within the water tank.
4. Carefully push the water tank back into the unit until it clicks securely into place.



Image 6: Illustrates the process of filling the water tank.

4.4 Power Connection

Plug the power cord into a suitable electrical outlet. The unit is now ready for operation.

5. OPERATING INSTRUCTIONS

The TROTEC PAE 25 can be operated using the control panel on top of the unit or the infrared remote control.

5.1 Control Panel and Remote Control Functions



Image 7: Side view of the air cooler, showing the remote control for convenient operation.

- **ON/OFF Button:** Powers the unit on or off.
- **Speed Button:** Adjusts the fan speed (1, 2, 3, 4).
- **Mode Button:** Cycles through operating modes: Normal, Natural Wind, Night Mode.
- **Wind Direction Button:** Activates or deactivates the automatic oscillation of the vertical louvers. Horizontal louvers can be adjusted manually.
- **Timer/Preset Button:** Sets the operating timer (e.g., 1-8 hours) or a preset start time.
- **Cooling Button:** Activates or deactivates the evaporative cooling function. This function requires water in the tank.
- **Light Button (Remote Only):** Controls the LED display backlight.

5.2 Operating Modes

- **Normal Mode:** The fan operates at a constant speed as selected.
- **Natural Wind Mode:** The fan speed varies intermittently to simulate a natural breeze.
- **Night Mode:** The fan operates at a lower, quieter speed, and the LED display brightness is reduced for undisturbed sleep.

5.3 Cooling Function

To activate the cooling function, ensure the water tank is filled and press the 'Cooling' button. The unit will begin to draw water from the tank and evaporate it through the Honeycomb filter, producing a cooler, humidified airflow. For maximum cooling effect, use cold water and the included ice packs.

5.4 Timer Function

Press the 'Timer/Preset' button to set the desired operating duration. The timer can typically be set in increments (e.g., 1, 2, 4, 8 hours). The unit will automatically turn off once the set time has elapsed.

6. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your TROTEC PAE 25 Air Cooler.

6.1 Cleaning the Exterior

Wipe the exterior of the unit with a soft, damp cloth. Do not use abrasive cleaners or solvents, as these can damage the surface. Ensure the unit is unplugged before cleaning.

6.2 Cleaning the Water Tank

To prevent bacterial growth and maintain air quality, it is recommended to change the water in the tank daily. Clean the water tank thoroughly at least once a week, or more frequently if used continuously.

1. Unplug the device.
2. Remove the water tank.
3. Empty any remaining water.
4. Clean the inside of the tank with a mild detergent and a soft brush or cloth. Rinse thoroughly with clean water.
5. Allow the tank to air dry completely before reinserting it or refilling.

6.3 Cleaning the Air Filter and Evaporative Filter

The air filter and evaporative filter (Honeycomb technology) should be cleaned regularly to maintain efficiency. The frequency depends on usage and air quality.

1. Unplug the device.
2. Remove the rear cover to access the filters.
3. Carefully remove the air filter and the evaporative filter.
4. Rinse both filters under running water to remove dust and debris. For stubborn dirt, a mild detergent can be used.
5. Allow the filters to air dry completely before reinserting them. Do not expose them to direct sunlight or high heat.
6. Reassemble the filters and the rear cover.

6.4 Storage

If the device will not be used for an extended period, ensure it is clean and dry. Empty and clean the water tank and filters. Store the unit in a dry, dust-free place, preferably in its original packaging.

7. TROUBLESHOOTING

If you encounter issues with your TROTEC PAE 25, please refer to the following common problems and solutions:

- **Device does not turn on:**

- Check if the power cord is securely plugged into the outlet and the device.
- Verify that the power outlet is functioning.

- **No cooling effect:**

- Ensure the water tank is filled and the 'Cooling' function is activated.
- Check if the evaporative filter is clean and properly installed.
- For stronger cooling, use colder water and ice packs.

- **Weak airflow:**

- Increase the fan speed.
- Check if the air inlets or outlets are obstructed.
- Clean the air filter.

- **Unusual noise:**

- Ensure the device is on a stable, level surface.
- Check if the water tank is properly seated.
- Verify that no foreign objects are obstructing the fan or louvers.

- **Water leakage:**

- Ensure the water tank is not overfilled.
- Check if the water tank is correctly and securely inserted.
- Inspect the unit for any visible cracks or damage.

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

8. SPECIFICATIONS

Model	PAE 25
Brand	TROTEC
Part Number	1210003001
Dimensions (L x W x H)	30.99 x 32.99 x 73.99 cm
Weight	7.08 kg
Wattage	65 watts

Water Tank Capacity	4.5 Liters
Noise Level	35 Decibels
Power Source	Corded Electric
Material	Acrylonitrile Butadiene Styrene (ABS)
Special Features	3-in-1 (Cooling, Ventilation, Humidification), Honeycomb Technology, 4 Fan Speeds, Timer, LED Display, IR Remote Control, Night Mode, Natural Wind Mode, Oscillating Louvers, Portable

9. WARRANTY AND SUPPORT

For information regarding warranty terms and conditions, please refer to the warranty card included with your product or visit the official TROTEC website. If you require technical assistance, spare parts, or have any questions not covered in this manual, please contact TROTEC customer support directly. Contact details can typically be found on the manufacturer's website or in your purchase documentation.