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ADAX NP12KDTWHITE

Adax Neo NP 1200W Electric Convector Heater User Manual

Brand: ADAX | Model: NP12KDTWHITE

1. Introduction

This manual provides essential information for the safe and efficient operation of your Adax Neo NP 1200W Electric Convector Heater. Please read these instructions carefully before installation and use, and retain them for future reference.



Figure 1: A white Adax Neo NP electric convector heater with a digital display showing '22' on the right side.

2. Important Safety Information

- Read all instructions before using this heater.
- Do not use this heater in the immediate vicinity of a bath, shower, or swimming pool.
- Do not cover the heater. Covering the heater presents a fire risk.
- Keep combustible materials such as furniture, curtains, and other flammable items at least 1 meter (3 feet) from the front and sides of the heater.
- 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.
- Children should be supervised to ensure that they do not play with the appliance.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent, or similarly qualified persons in order to avoid a hazard.
- Ensure the heater is connected to a properly grounded outlet.
- Do not insert any objects into the heater openings.

3. Package Contents

Verify that all components are present and undamaged:

- Adax Neo NP Electric Convector Heater (1200W)
- Wall Mounting Bracket
- Power Cable (1.2m) with Plug
- Installation Screws and Wall Plugs

4. Setup and Installation

4.1 Wall Mounting

The Adax Neo NP heater is designed for wall mounting. The necessary bracket and fixings are included. Follow these steps:

1. Choose a suitable wall location, ensuring adequate clearance from combustible materials (minimum 1 meter).
2. Use the wall mounting bracket as a template to mark drilling points on the wall.
3. Drill holes and insert the provided wall plugs.
4. Secure the mounting bracket to the wall using the screws.
5. Carefully hang the heater onto the mounted bracket, ensuring it is securely seated.

4.2 Optional Floor Standing

For floor-standing operation, optional feet can be acquired separately. Attach the feet according to their specific instructions.

4.3 Electrical Connection

Connect the 1.2m power cable to a standard 230V electrical outlet. Ensure the outlet is easily accessible and properly grounded.

4.4 Room Sizing Guide

The appropriate heater wattage depends on room size and insulation. Refer to the table below for guidance. This 1200W model is suitable for:

- Well-insulated rooms (up to 50 W/m² demand): 24-30 m²
- Moderately insulated rooms (50-100 W/m² demand): 17-20 m²
- Poorly insulated rooms (over 100 W/m² demand): 10-14 m²

Note: These are approximate values for rooms with a ceiling height of up to 2.5 meters.

Leistung des Heizkörpers, W	Heizfläche bei dem Bedarf bis 50 W/ m²	Heizfläche bei dem Bedarf von 50 bis 100 W/ m²	Heizfläche bei dem Bedarf von über 100 W/ m²
250	5 – 6 m²	2 – 4 m²	2 – 3 m²
400	6 – 10 m²	5 – 7 m²	3– 5 m²
600	10 – 14 m²	8 – 10 m²	4 – 7 m²
800	14 – 20 m²	12 – 14 m²	6 – 9 m²
1000	18 – 26 m²	14 – 16 m²	8 – 12 m²
1200	24 – 30 m²	17 – 20 m²	10– 14 m²
1400	28 – 35 m²	21 – 25 m²	12 – 17 m²
2000	32 – 50 m²	26 – 34 m²	17 – 24 m²

Hinweis: Deckenhöhe bis 2,5 m

Figure 2: A table providing recommended room sizes in square meters for different heater wattages (250W to 2000W) under various insulation conditions. For example, a 1200W heater is recommended for 24-30 m² in well-insulated rooms, 17-20 m² in moderately insulated rooms, and 10-14 m² in poorly insulated rooms. Note: Ceiling height up to 2.5 m.

5. Operating Instructions

The Adax Neo NP features an intuitive digital display and control buttons located on the right side of the unit.



Figure 3: A detailed view of the Adax Neo NP heater, highlighting the small black digital display on the right side showing '22', and the control buttons located vertically along the right edge of the heater.

5.1 Powering On/Off

To turn the heater on or off, press the power button. The digital display will illuminate when the heater is active.

5.2 Setting the Temperature

Use the '+' and '-' buttons next to the display to adjust the desired room temperature. The display will show the set temperature. The digital thermostat maintains the set temperature with a precision of ±0.3°C.

6. Thermostat Programming

The Adax Neo NP offers programmable thermostat functions to optimize comfort and energy consumption.

Figure 4: A close-up of the heater's right side, showing the digital display and the vertical arrangement of control buttons for functional adjustments.

6.1 Comfort and Economy Modes

You can program the heater to maintain a comfortable temperature when you are home and switch to an economy temperature when you are away, reducing energy consumption.

6.2 24-Hour Timer

Utilize the integrated 24-hour timer to set specific heating schedules throughout the day, aligning with your daily routine.

6.3 Adaptive Start

The adaptive start feature learns the heating characteristics of your room and automatically adjusts the heating start time to reach the desired temperature precisely when needed, preventing energy waste.

7. Advanced Features

The Adax Neo NP heater incorporates several features for enhanced safety and efficiency.



Figure 5: An image illustrating key features of the Adax Neo NP heater, including child lock, overheat protection, open window detection, 25% energy efficiency, adaptive heating control, and anti-frost mode. The heater is shown mounted on a wall in a room with large windows overlooking a snowy landscape.

7.1 Open Window Detection

This feature automatically detects a sudden drop in temperature, indicating an open window or door, and temporarily pauses heating to prevent energy waste. Heating resumes once the temperature stabilizes.

7.2 Overheat Protection

For safety, the heater is equipped with an overheat protection system that automatically shuts off the unit if it reaches an unsafe temperature.

7.3 Child Lock

The child lock function prevents unintended changes to settings, ensuring safe operation around children.

7.4 Anti-frost Mode

The anti-frost mode maintains a minimum temperature to prevent freezing in unoccupied rooms, protecting pipes and

property.

7.5 Efficient Heating Technology

The heater utilizes an X-shaped aluminum heating element designed for rapid and efficient heat distribution without burning oxygen or dust, contributing to a comfortable indoor environment.

8. Maintenance

Regular maintenance ensures optimal performance and longevity of your heater.

- **Cleaning:** Disconnect the heater from the power supply before cleaning. Use a soft, damp cloth to wipe the exterior surfaces. Do not use abrasive cleaners or solvents. Ensure no water enters the internal components.
- **Dust Removal:** Periodically vacuum or brush away any dust accumulated on the air inlets and outlets to maintain efficient airflow.
- **Storage:** If storing the heater for an extended period, ensure it is clean and dry. Store it in a cool, dry place, preferably in its original packaging.

9. Troubleshooting

If you encounter issues with your Adax Neo NP heater, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Heater does not turn on	No power supply Power button not pressed	Check if the plug is securely in the outlet and the circuit breaker is on. Press the power button on the heater.
Heater not heating sufficiently	Temperature setting too low Open window detected Room size exceeds heater capacity	Increase the set temperature. Close windows/doors. The heater will resume heating. Refer to the room sizing guide (Section 4.4) to ensure appropriate wattage for the room.
Heater turns off unexpectedly	Overheat protection activated Open window detected	Ensure the heater is not covered and has adequate ventilation. Allow it to cool down before restarting. Close windows/doors.
Display shows an error code	Internal fault	Disconnect from power for a few minutes, then reconnect. If the error persists, contact customer support.

10. Specifications

Specification	Detail
Brand	ADAX
Model Number	NP12KDTWHITE
Power	1200 Watts

Specification	Detail
Voltage	230 Volts
Dimensions (L x W x H)	93.4 x 8.4 x 37 cm
Weight	6 Kilograms
Color	White
Special Feature	Programmable Thermostat
Heating Method	Convection
Mounting Type	Wall Mount (Optional Floor Mount)
Indoor/Outdoor Use	Indoor

11. Warranty and Support

The Adax Neo NP heater comes with a**5-year manufacturer's warranty**. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.
For technical support, warranty claims, or spare parts inquiries, please contact your retailer or the official Adax customer service. Contact information can typically be found on the manufacturer's website or your purchase documentation.

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