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ADAX 80-310014

Adax Neo WiFi Electric Heater User Manual

Model: 80-310014 | Brand: ADAX

1. Introduction

This manual provides essential information for the safe and efficient use of your Adax Neo WiFi Electric Heater. Please read it thoroughly before installation and operation, and retain it for future reference. The Adax Neo WiFi heater is a modern, energy-efficient convection heater designed for indoor use, featuring smart control capabilities via a mobile application.

2. Safety Information

- Always ensure the heater is disconnected from the power supply before cleaning or maintenance.
- Do not cover the heater, as this can lead to overheating and fire hazards.
- Keep flammable materials (curtains, furniture, etc.) at a safe distance from 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.
- Do not operate the heater with a damaged cord or plug. Contact qualified service personnel for repairs.
- The heater must be installed horizontally only.

3. Product Overview

The Adax Neo WiFi heater combines Scandinavian design with advanced heating technology. It features a digital WiFi thermostat with an LCD temperature display and controls located on the top/rear. An On/Off switch is positioned on the right side.



Figure 1: Front view of the Adax Neo WiFi Electric Heater. This image shows the sleek, black panel design of the heater, suitable for modern interiors.



Figure 2: Close-up of the control panel located on the top/rear of the Adax Neo WiFi heater. The panel includes '+' and '-' buttons for temperature adjustment and an 'OK' button for confirmation, along with WiFi and Bluetooth indicators.

4. Setup

4.1 Mounting

The Adax Neo WiFi heater is designed for wall mounting. Mounting brackets are included in the package. Ensure the heater is installed horizontally.

- **Clearance Requirements:** Maintain a minimum clearance of 50 mm below the heater and 150 mm above the heater for proper air circulation and safe operation.
- **Optional Floor Mounting:** The heater can also be mounted on the floor with additional footrests, which must be purchased separately.

4.2 Power Connection

The heater comes with a 1.2 m connection cable and plug. Connect the plug to a suitable 230 Volt power outlet. Ensure the outlet is easily accessible.



Figure 3: Adax Neo WiFi heater mounted on a wall in a room setting, indicating its discreet integration into home decor. A WiFi signal icon is shown above the heater, symbolizing its smart connectivity.

5. Operating Instructions

5.1 Basic Operation

Locate the On/Off switch on the right side of the heater. Flip the switch to the 'On' position to power on the unit. The digital thermostat will display the current temperature.

5.2 WiFi Thermostat and App Control

The Adax Neo WiFi heater features a programmable WiFi thermostat that can be controlled via a mobile application on

your smartphone or tablet (iOS/Android).

- **Initial Setup/Pairing:** Download the official Adax app from your device's app store. Follow the in-app instructions to connect your heater to your home WiFi network. This typically involves putting the heater into pairing mode and selecting it within the app.
- **App Control:** Once connected, you can control the heater remotely via the app, whether through a direct connection or over the internet. The app allows you to adjust temperature, set schedules, and monitor heater status. The heater is compatible with Google Assistant.
- **Manual Temperature Setting:** If not connected to a mobile device, the thermostat functions as a standard electronic thermostat. Use the '+' and '-' buttons on the control panel (Figure 2) to manually set the desired continuous temperature.
- **Programming Schedules:** The app allows you to set 24-hour programming schedules, enabling you to adjust the temperature for specific times of the day or week. This feature helps optimize energy consumption.
- **Window Open Detection:** The heater is equipped with a window open detection feature. If a sudden drop in room temperature is detected (e.g., when a window or door is opened for ventilation), the heater will temporarily switch off to avoid unnecessary heating.
- **Adaptive Start Time:** This feature allows the heater to learn and adapt its start time to reach the desired temperature at the programmed time, further enhancing energy efficiency.



Figure 4: A smartphone displaying the Adax control application, held by a user in a car. This illustrates the remote control capability of the heater, allowing users to manage heating settings from anywhere. The 'Works with Google Assistant' logo is also visible.

6. Heating Area Calculation

To ensure optimal heating and energy efficiency, it is important to select a heater with appropriate wattage for your room size and insulation level. The table below provides guidance on recommended heating power based on the area to be heated and the heat requirement per square meter. For rooms with many windows or poor insulation, consider using a higher wattage or multiple heaters.

COMMENT CHOISIR LE BON CHAUFFAGE ?

Il est important de maintenir une puissance correcte proportionnellement au nombre de mètres carrés de la pièce afin de maintenir la bonne température dans la pièce. Il est recommandé de placer les panneaux chauffants sous les fenêtres pour éviter les courants d'air froid provenant des fenêtres. Veuillez utiliser le tableau ci-dessous pour trouver la bonne efficacité énergétique de votre pièce. Si la pièce est grande avec de nombreuses fenêtres, il peut être pratique d'utiliser plusieurs chauffages afin que la chaleur se répande mieux et plus rapidement.

PUISSANCE DE CHAUFFAGE, Watts	ZONE CHAUFFÉE LORSQUE BESOIN DE CHALEUR INFÉRIEUR À 50 Watts/m²*	ZONE CHAUFFÉE LORSQUE BESOIN DE CHALEUR 50-100 Watts/m²*	ZONE CHAUFFÉE LORSQUE BESOIN DE CHALEUR SUPÉRIEUR À 100 Watts/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

*La hauteur maximale au plafond est de 2,4 m.

Figure 5: Table illustrating how to choose the correct heating power (Watts) based on the area to be heated (m²) and the heat requirement per square meter. This table helps users determine the appropriate heater size for their specific room conditions. Note: Maximum ceiling height for these calculations is 2.4 meters.

Recommended Heating Power by Area (Ceiling height up to 2.4m)

Heating Power (Watts)	Area for Heat Requirement < 50 W/m²	Area for Heat Requirement 50-100 W/m²	Area for Heat Requirement > 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

7. Maintenance

7.1 Cleaning

- Before cleaning, always switch off the heater and unplug it from the power outlet. Allow it to cool down completely.
- Wipe the exterior surfaces with a soft, damp cloth. Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish.
- Do not allow water to enter the internal parts of the heater.

7.2 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, to protect it from dust and damage.

8. Troubleshooting

Problem	Possible Cause	Solution
Heater does not turn on	No power supply	Check if the power cord is securely plugged in and the wall outlet is functioning. Ensure the On/Off switch is in the 'On' position.
Heater is on but not heating	Thermostat set too low; Window open detection activated	Increase the set temperature. Close any open windows or doors. The heater will resume heating after the window open detection period.
WiFi connection issues	Incorrect WiFi password; Router too far; Network interference	Ensure correct WiFi password. Move heater closer to router or use a WiFi extender. Restart router and heater. Re-attempt pairing via the app.
Inconsistent heating	Room size too large for wattage; Poor insulation	Refer to the heating area calculation table (Section 6) to ensure appropriate wattage. Consider improving room insulation or adding another heater.

9. Specifications

Feature	Specification
Brand	ADAX
Model	80-310014
Color	Black
Power	1400 Watts
Voltage	230 Volts
Dimensions (L x W x H)	109.4 x 8.7 x 33 cm
Weight	6.3 Kilograms
Heating Method	Convection
Special Features	Durable, Wireless (WiFi Thermostat, App Control, Window Open Detection, Adaptive Start Time)
Mounting Type	Wall-mounted (brackets included), Optional floor mounting (footrests sold separately)
Indoor/Outdoor Use	Indoor
Power Source	Electric cable (1.2m with plug)
Certifications	EcoDesign compliant, NEMCO certified

10. Warranty and Support

10.1 Manufacturer's Warranty

The Adax Neo WiFi heater comes with a**5-year manufacturer's warranty**, covering defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims. The warranty does not cover damage caused by misuse, improper installation, or unauthorized repairs.

10.2 Customer Support

For technical assistance, troubleshooting, or warranty inquiries, please contact Adax customer support. Refer to the official Adax website or your purchase documentation for the most current contact information.

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Question

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Details

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