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## ADAX 680062

# Adax Eco Basic Convector Heater 600W - Instruction Manual

Model: 680062

## 1. Introduction

Thank you for choosing the Adax Eco Basic Convector Heater. This manual provides essential information for the safe and efficient installation, operation, and maintenance of your new heater. Please read these instructions carefully before use and retain them for future reference.





Front view of the Adax Eco Basic Convector Heater, showing its sleek white design and control knob on the right side.

## 2. Safety Information

**Important Safety Instructions:** Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, and injury.

- Read all instructions before using this heater.
- Do not use this heater in bathrooms, laundry areas, or similar indoor locations where water may be present.
- Do not operate any heater with a damaged cord or plug, or after the heater malfunctions or has been dropped or damaged in any manner.
- Do not run cord under carpeting. Do not cover cord with throw rugs, runners, or similar coverings. Arrange cord away from traffic area and where it will not be tripped over.
- To disconnect heater, turn controls to off, then remove plug from outlet.
- Do not insert or allow foreign objects to enter any ventilation or exhaust opening as this may cause an electric shock or fire, or damage the heater.
- To prevent a possible fire, do not block air intakes or exhaust in any manner. Do not use on soft surfaces, like a bed, where openings may become blocked.
- A heater has hot and arcing or sparking parts inside. Do not use it in areas where gasoline, paint, or flammable liquids are used or stored.
- Use this heater only as described in this manual. Any other use not recommended by the manufacturer may cause fire, electric shock, or injury to persons.
- Always plug heaters directly into a wall outlet/receptacle. Never use with an extension cord or relocatable power tap (outlet/power strip).
- This heater is hot when in use. To avoid burns, do not let bare skin touch hot surfaces. Keep combustible materials, such as furniture, pillows, bedding, papers, clothes, and curtains at least 3 feet (0.9 m) from the front of the heater and keep them away from the sides and rear.
- Extreme caution is necessary when any heater is used by or near children or invalids and whenever the heater is left operating

and unattended.

## 3. Product Overview

The Adax Eco Basic Convector Heater features a modern, minimalist design suitable for various rooms. It is equipped with an electronic thermostat for precise temperature control and energy-saving functions.

- **Modern Design:** Attractive minimalist style that blends with various interiors.
- **Electronic Thermostat:** Maintains desired temperature within ±0.3 °C.
- **Bluetooth Programming:** Allows for easy adjustment and scheduling of desired temperatures.
- **Open Window Detection:** Automatically reduces heating when a sudden temperature drop (e.g., open window) is detected, saving energy.
- **Integrated Timer:** Facilitates weekly programming with two operating modes: pre-programmed reduction and daily temperature scheduling.




Close-up view of the electronic thermostat and control buttons on the Adax Eco Basic heater.

## 4. Setup and Installation

The Adax Eco Basic heater is designed for wall mounting. Ensure the installation is performed by a qualified professional if you are unsure.

### 4.1 Wall Mounting

The heater comes with mounting brackets. Position the heater to avoid cold air currents from windows and ensure proper heat distribution.

1. Unpack the heater and check for any damage.
2. Locate a suitable wall area, ensuring sufficient clearance from combustible materials (at least 0.9m from the front, and clear from sides/rear).
3. Attach the mounting brackets to the wall using appropriate fasteners for your wall type. Refer to the diagram below for bracket placement.
4. Carefully hang the heater onto the mounted brackets.
5. Ensure the heater is securely fastened and level.



Rear view of the Adax Eco Basic heater, illustrating the wall mounting brackets and the power cable connection point.

### 4.2 Power Connection

Plug the heater directly into a suitable wall outlet. Do not use extension cords or power strips. The heater operates on 230 Volts.

## 5. Operating Instructions

The Adax Eco Basic heater is controlled via a thermostat knob located on the right side.

### 5.1 Basic Operation

1. Ensure the heater is properly installed and plugged into a power outlet.
2. Turn the main power switch (if present) to the 'ON' position.
3. Rotate the thermostat knob to set your desired temperature. The electronic thermostat will maintain this temperature with high accuracy.
4. The heater will automatically turn on and off to maintain the set temperature.

## 6. Programming (Bluetooth & Timer)

The Adax Eco Basic heater offers advanced programming options via Bluetooth and an integrated timer for energy efficiency and comfort.

### 6.1 Bluetooth Programming

The thermostat knob allows for easy adjustment and programming of desired temperatures. Use the Bluetooth functionality to set up weekly schedules.

1. Download the official Adax app on your smartphone or tablet.
2. Ensure Bluetooth is enabled on your device.
3. Follow the in-app instructions to pair your device with the heater.

4. Once paired, you can program weekly temperature schedules, set different comfort and economy temperatures, and manage other settings remotely.

### 6.2 Integrated Timer

The integrated timer allows for easy weekly programming directly from the unit. It supports two operating modes:

- **Pre-programmed Reduction:** Set a reduced temperature for specific periods (e.g., overnight or when away).
- **Daily Temperature Scheduling:** Program different temperatures for various times of the day, optimizing energy consumption.

Refer to the heater's display and control buttons for detailed instructions on setting up the timer programs.

## 7. Energy Saving Features

The Adax Eco Basic is designed with features to help reduce energy consumption.

### 7.1 Open Window Detection

This feature detects sudden drops in room temperature, typically caused by an open window or door. When detected, the heater temporarily switches off to avoid heating the room unnecessarily during ventilation. It will resume normal operation once the temperature stabilizes or after a set period.

### 7.2 Adaptive Start

The adaptive start feature learns how long it takes to heat your room and activates the heater in advance to reach your desired temperature at the programmed time, rather than starting to heat at that time. This ensures comfort while optimizing energy use.

## 8. Maintenance

Regular maintenance ensures the longevity and efficient operation of your heater.

### 8.1 Cleaning

- Always unplug the heater and allow it to cool completely before cleaning.
- Wipe the exterior surfaces with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- Ensure no water enters the internal components.
- Periodically vacuum the air intake and exhaust grilles to remove dust and lint, which can impede airflow and reduce efficiency.

### 8.2 Storage

If storing the heater for an extended period, clean it thoroughly and store it in a cool, dry place, preferably in its original packaging.

## 9. Troubleshooting

If you experience issues with your Adax Eco Basic heater, refer to the following common problems and solutions.

| Problem | Possible Cause | Solution |
|---|---|---|
| Heater does not turn on. | No power, main switch off, thermostat set too low. | Check power outlet, ensure main switch is ON, increase thermostat setting. |
| Heater not heating effectively. | Thermostat set too low, open window detected, room too large for heater wattage. | Increase thermostat, close windows/doors, refer to heating area guide. |

| Problem | Possible Cause | Solution |
|---|---|---|
| Bluetooth connection issues. | Bluetooth off on device, heater not in pairing mode, interference. | Ensure Bluetooth is on, restart app/heater, move closer to heater. |
| Unusual noises or smells. | Dust accumulation, internal fault. | Unplug and clean thoroughly. If problem persists, discontinue use and contact support. |

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

## 10. Specifications

| Feature | Detail |
|---|---|
| Brand | ADAX |
| Model Number | 680062 |
| Color | White |
| Dimensions (L x W x H) | 55.4 x 9.7 x 33 cm |
| Weight | 4.1 Kilograms |
| Power | 600 Watts |
| Voltage | 230 Volts |
| Special Features | Programmable Electronic Thermostat, Open Window Detection, Adaptive Heating Start Time |
| Heating Method | Convection |
| Mounting Type | Wall Mount |
| Recommended Use | Home, Office, Bedroom, Living Room |

### 10.1 Heating Area Guide

The effective heating area depends on the heater's wattage and the insulation level of the room. Refer to the table below to choose the appropriate wattage for your space.

# 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 $m^2$ | 2 - 4 $m^2$ | 2 - 3 $m^2$ |
| 400 | 6 - 10 $m^2$ | 5 - 7 $m^2$ | 3 - 5 $m^2$ |
| 600 | 10 - 14 $m^2$ | 8 - 10 $m^2$ | 4 - 7 $m^2$ |
| 800 | 14 - 20 $m^2$ | 12 - 14 $m^2$ | 6 - 9 $m^2$ |
| 1000 | 18 - 26 $m^2$ | 14 - 16 $m^2$ | 8 - 12 $m^2$ |
| 1200 | 24 - 30 $m^2$ | 17 - 20 $m^2$ | 10 - 14 $m^2$ |
| 1400 | 28 - 35 $m^2$ | 21 - 25 $m^2$ | 12 - 17 $m^2$ |
| 2000 | 32- 50 $m^2$ | 26 - 34 $m^2$ | 17 - 24 $m^2$ |

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

Guide for selecting the correct heater wattage based on room size and heat demand (W/m²). Note: Maximum ceiling height of 2.4m.

## 11. Warranty and Support

For warranty information, please refer to the documentation provided with your purchase or visit the official Adax website.
If you require technical assistance, spare parts, or have any questions not covered in this manual, please contact Adax customer support.

- **Manufacturer:** Adax
- **Website:** www.adax.no (or relevant regional website)
- **Customer Service:** Refer to your purchase documentation for local contact details.


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