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## ADAX Eco Basic 692020

# ADAX Eco Basic 600W Electric Convector Heater User Manual

Model: Eco Basic 692020

## 1. Important Safety Information

Please read this manual carefully before installing or using your ADAX Eco Basic convector heater. Keep these instructions for future reference.

- Ensure the power supply voltage matches the rating label on the heater.
- Do not cover the heater. Covering can lead to overheating and fire.
- Do not install the heater directly below a socket outlet.
- Keep children and pets away from the heater, especially when it is operating.
- Do not use this heater in bathrooms, laundries, or similar locations where it may come into contact with water.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent, or similarly qualified persons to avoid a hazard.

## 2. Product Overview

The ADAX Eco Basic is a modern, energy-efficient electric convector heater designed for wall mounting. It features an electronic thermostat for precise temperature control and various energy-saving functions.



Figure 1: Front view of the ADAX Eco Basic 600W Electric Convector Heater.



Figure 2: Side view of the heater showing the integrated thermostat and power switch.

## 3. Setup and Installation

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

### 3.1 Wall Mounting

1. Choose a suitable wall location, ensuring adequate clearance from furniture, curtains, and other flammable materials. Do not install directly under an electrical outlet.
2. Mark the drilling points on the wall using the provided mounting bracket as a template.
3. Drill holes and insert wall plugs (if necessary).
4. Secure the mounting bracket to the wall.
5. Carefully hang the heater onto the mounting bracket, ensuring it is securely seated.

### 3.2 Electrical Connection

Connect the heater to a suitable electrical supply. This unit operates on 230 Volts. If hardwiring, ensure all connections are made according to local electrical codes by a certified electrician.



Figure 3: Example of the ADAX Eco Basic heater installed in a bathroom setting.



Figure 4: Example of the ADAX Eco Basic heater installed in a living space.

## 4. Operating Instructions

The ADAX Eco Basic heater features an electronic thermostat for precise temperature control and energy-saving functions.

### 4.1 Power On/Off

Locate the power switch on the side of the heater (refer to Figure 2). Flip the switch to the 'ON' position to power on the unit and to 'OFF' to power it down.

### 4.2 Setting the Temperature

The desired temperature is set using the rotary knob on the side of the heater. Turn the knob clockwise to increase the temperature and counter-clockwise to decrease it. The electronic thermostat maintains the set temperature with an accuracy of ± 0.3 °C.

### 4.3 Programmable Timer

The integrated timer allows for weekly programming of heating schedules. Two modes are available:

- **Pre-programmed Night Reduction:** Automatically lowers the temperature during nighttime hours to save energy.
- **Daily Temperature Programming:** Allows you to set specific temperatures for different times of the day, optimizing comfort and energy consumption.

Refer to the detailed programming guide in the full manual for specific steps on setting up the timer functions.

### 4.4 Window Open Detection

This feature detects sudden drops in room temperature, typically caused by an open window or door. If a

significant temperature drop is detected, the heater will temporarily switch off to avoid wasting energy by heating a ventilated room. It will resume normal operation once the window/door is closed and the room temperature stabilizes.

### 4.5 Bluetooth Control (If Applicable)

Some models may include an integrated Bluetooth thermostat for more convenient control via a smartphone application. If your model supports this, refer to the separate instructions for pairing and app usage.

## 5. Maintenance

To ensure optimal performance and longevity of your ADAX Eco Basic heater, follow these maintenance guidelines:

- **Cleaning:** Always disconnect the heater from the power supply before cleaning. Wipe the exterior with a soft, damp cloth. Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the surface.
- **Dust Removal:** Periodically vacuum or wipe dust from the air inlets and outlets to maintain efficient airflow.
- **Inspection:** Regularly check the power cord and plug for any signs of damage. If damage is found, contact a qualified technician for repair.
- Do not attempt to open or repair the heater yourself. Refer all servicing to qualified personnel.

## 6. Troubleshooting

If you experience issues with your ADAX Eco Basic heater, consult the following table:

| Problem | Possible Cause | Solution |
|---|---|---|
| Heater does not turn on | No power supply; Power switch off; Faulty outlet | Check power connection; Ensure power switch is ON; Test outlet with another device. |
| Heater not heating sufficiently | Temperature setting too low; Window open detection active; Room too large for heater capacity | Increase temperature setting; Close windows/doors; Consider additional heating or a higher wattage model. |
| Heater turns off unexpectedly | Overheating protection activated; Window open detection active | Ensure heater is not covered; Clear any obstructions; Close windows/doors. Allow to cool before restarting. |
| Unusual noises or smells | Dust accumulation; Internal fault | Disconnect power and clean thoroughly. If problem persists, discontinue use and contact support. |

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

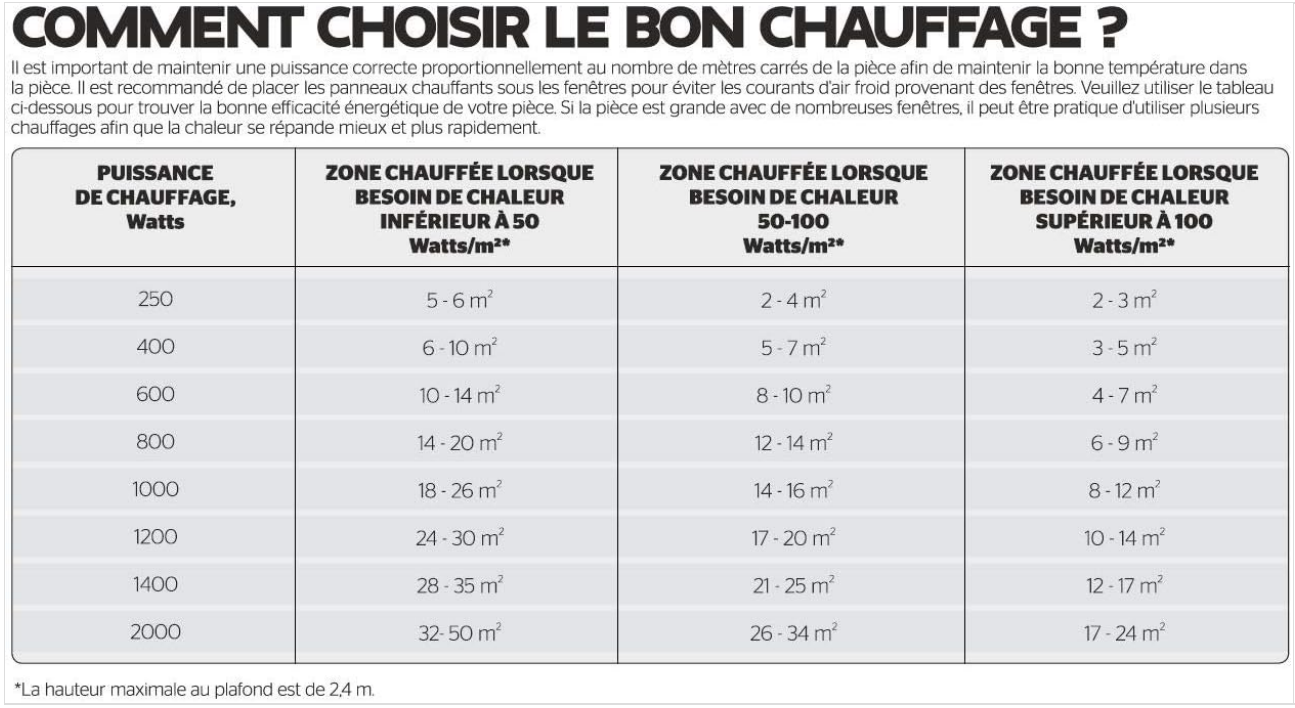
## 7. Specifications

| Specification | Value |
|---|---|
| Brand | ADAX |
| Model Number | 692020 |

| Specification | Value |
|---|---|
| Power | 600 Watts |
| Voltage | 230 Volts |
| Dimensions (L x W x H) | 55.4 x 9.7 x 33 cm |
| Weight | 4.1 Kilograms |
| Color | White |
| Heating Method | Convection |
| Mounting Type | Wall Mount |
| Special Features | Rapid heating, Window open detection, Adjustable temperature, Electronic thermostat, Energy-saving |

## 7.1 Recommended Heating Area

The following table provides guidance on the heated area based on the heater's power and the heat requirement of the space. This is a general guide; actual performance may vary based on insulation, window quality, and external temperatures. Maximum ceiling height for these recommendations is 2.4 meters.



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: Recommended heating area based on heater wattage and room heat requirement.

| HEATING POWER, Watts | HEATED AREA WHEN HEAT REQUIREMENT LESS THAN 50 Watts/m²* | HEATED AREA WHEN HEAT REQUIREMENT 50-100 Watts/m²* | HEATED AREA WHEN HEAT REQUIREMENT GREATER THAN 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 |

| HEATING POWER, Watts | HEATED AREA WHEN HEAT REQUIREMENT LESS THAN 50 Watts/m²* | HEATED AREA WHEN HEAT REQUIREMENT 50-100 Watts/m²* | HEATED AREA WHEN HEAT REQUIREMENT GREATER THAN 100 Watts/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 |

*Maximum ceiling height is 2.4 m.

## 8. Warranty and Support

ADAX products are designed and manufactured to high-quality standards. For information regarding warranty coverage, please refer to the warranty card included with your product or visit the official ADAX website. For technical support, spare parts, or service inquiries, please contact your local ADAX dealer or customer service department.

**Manufacturer:** Adax
**Country of Origin:** Norway (Design since 1948)

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