

EUROPLAST EAT150HT

EUROPLAST 150mm Bathroom Exhaust Fan User Manual

Model: EAT150HT

INTRODUCTION

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your EUROPLAST 150mm Bathroom Exhaust Fan, model EAT150HT. Please read these instructions carefully before use and retain them for future reference.

The EUROPLAST exhaust fan features a decorative front panel, designed for aesthetic integration into any room. These fans are efficient, easy to install, and user-friendly. Equipped with ball bearings, they ensure enhanced performance and durability, suitable for both wall and ceiling installation. The fan casing, grille, and front panel are constructed from high-quality, durable ABS plastic, resistant to temperature and UV radiation. This domestic fan is ideal for air extraction in residential and commercial spaces such as kitchens, bathrooms, toilets, and small office areas.

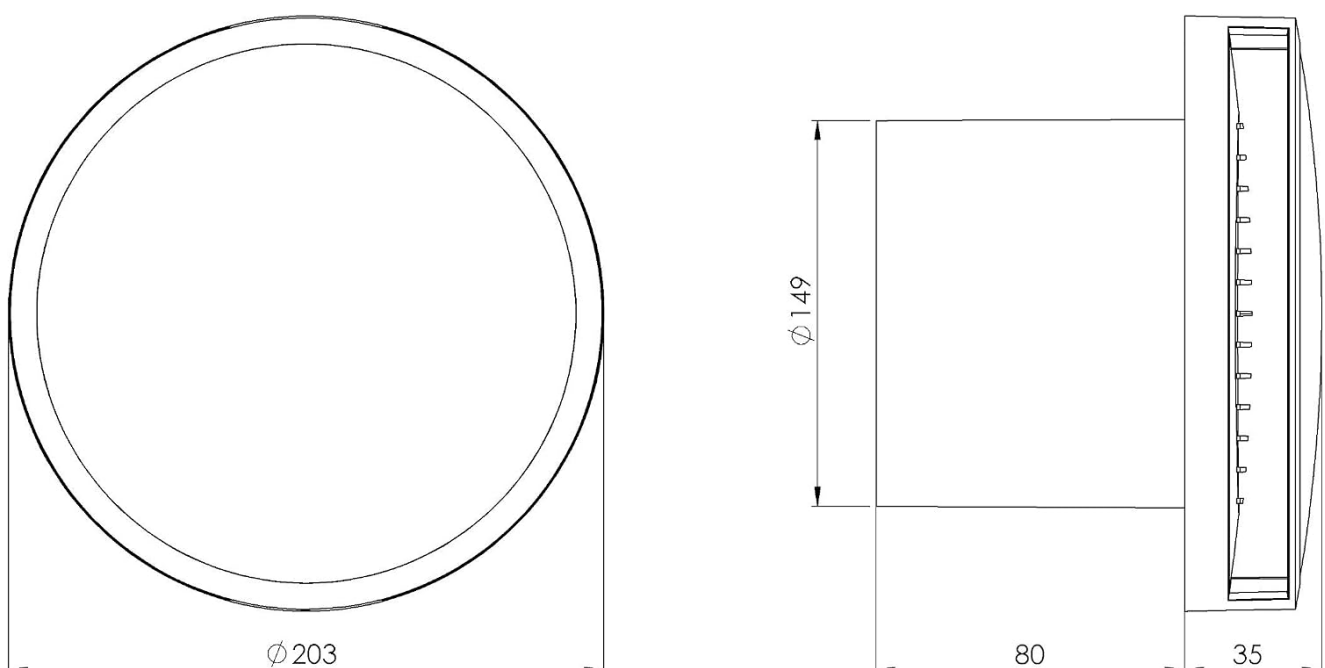


Image: EUROPLAST 150mm Bathroom Exhaust Fan, showing the decorative front panel and main body.

SAFETY INFORMATION

Always observe the following safety precautions to reduce the risk of fire, electric shock, or injury:

- Ensure the power supply is disconnected before installation, maintenance, or cleaning.
- Installation must be performed by a qualified electrician in accordance with all local and national wiring regulations.
- Do not install the fan in areas where flammable or explosive gases are present.
- 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.
- Ensure proper ventilation is provided to avoid the back-flow of gases from open flues of fuel-burning appliances.
- The fan is designed for indoor use only.
- Do not immerse the fan in water or other liquids.

PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- EUROPLAST 150mm Exhaust Fan Unit (Model EAT150HT)
- Decorative Front Panel
- Mounting Screws (typically included, but may vary)
- Instruction Manual (this document)

The fan unit includes ball bearings for enhanced durability.

SETUP AND INSTALLATION

Follow these steps for proper installation of your exhaust fan. Installation should be carried out by a qualified professional.

1. Preparing for Installation

1. Ensure the power supply to the installation area is switched off at the main circuit breaker.
2. Identify the desired mounting location on the wall or ceiling. The fan requires a 150mm diameter opening.
3. Carefully remove the decorative front panel from the fan unit.



Image: Step-by-step diagram illustrating the removal of the front panel (1a, 1b) and the mounting process (2) for the exhaust fan. Step 1a shows pressing a point on the fan, 1b shows prying off the cover with a screwdriver, and step 2 shows attaching the fan body to the wall with screws.

2. Mounting the Fan Body

4. Insert the fan body into the prepared opening.
5. Mark the positions for the mounting screws through the designated holes on the fan body.
6. Drill pilot holes at the marked positions.
7. Secure the fan body to the wall or ceiling using appropriate screws. Ensure it is firmly attached.

3. Electrical Connection

8. Connect the electrical wiring according to the wiring diagram provided with the fan (refer to local electrical codes). The fan operates on 230V, 50Hz.
9. Ensure all connections are secure and properly insulated.
10. The fan features a humidity sensor/hygrostat and a timer/run-on control. Connect these features as per the specific wiring diagram for your model to enable automatic operation based on humidity levels and a delayed shut-off.

4. Reattaching the Front Panel

11. Once wiring is complete and secure, carefully reattach the decorative front panel to the fan unit. Ensure it clicks into place securely.

After installation, restore power and test the fan's operation.

OPERATING INSTRUCTIONS

The EUROPLAST EAT150HT fan is designed for automatic operation based on its integrated humidity sensor and timer function.

- **Humidity Sensor (Hygrostat):** The fan will automatically activate when the humidity level in the room exceeds a preset threshold. It will continue to operate until the humidity drops below this level, plus any set run-on time.
- **Timer/Run-on Control:** After the humidity drops or the manual switch (if connected) is turned off, the fan will continue to run for a user-adjustable period (timer function) to ensure complete air extraction.
- **Manual Operation:** If connected to a separate light switch or pull cord, the fan can also be activated manually. It will then run for the duration of the switch being on, plus the set run-on time.

Refer to the specific wiring diagram for your model to understand how to adjust the humidity threshold and timer settings, typically via small potentiometers located behind the front panel.

MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your EUROPLAST exhaust fan.

Cleaning the Fan

1. **Disconnect Power:** Always switch off the power supply to the fan at the main circuit breaker before cleaning.
2. **Remove Front Panel:** Carefully remove the decorative front panel as shown in the installation section (Steps 1a, 1b).
3. **Clean Components:**
 - Wipe the front panel and the exterior of the fan with a soft, damp cloth. Do not use abrasive cleaners or solvents.
 - Gently clean the fan impeller blades and the interior of the casing with a soft brush or vacuum cleaner to remove dust and debris.
4. **Reassemble:** Once clean and dry, reattach the front panel securely.
5. **Restore Power:** Switch the power supply back on.

Perform cleaning at least once every three to six months, or more frequently in dusty or high-humidity environments.

TROUBLESHOOTING

If your EUROPLAST exhaust fan is not operating correctly, consult the following table before contacting support:

Problem	Possible Cause	Solution
Fan does not turn on.	No power supply. Incorrect wiring. Humidity sensor not triggered. Timer not activated.	Check circuit breaker and wall switch. Verify wiring connections (consult electrician). Increase room humidity or manually activate. Check timer settings.
Fan runs continuously.	Humidity level remains high. Timer set too long. Faulty humidity sensor.	Ensure proper room ventilation. Adjust timer setting. Contact support for sensor replacement.
Reduced airflow or unusual noise.	Dust or debris on impeller. Obstruction in ducting. Loose mounting.	Clean fan impeller and casing. Check and clear ducting. Tighten mounting screws.
Humidity sensor not responding.	Sensor malfunction. Incorrect sensitivity setting.	Adjust sensor sensitivity (if applicable). Contact support for sensor replacement.

SPECIFICATIONS

Detailed technical specifications for the EUROPLAST EAT150HT exhaust fan:



Image: Technical data table showing specifications in multiple languages, including English.

Parameter	Value
Model	EAT150HT
Diameter	150 mm
Voltage	230 V
Frequency	50 Hz
Power	20 W
Airflow (Suction power)	200 m³/h
Noise Level (at 3m)	40 dB(A)
Protection against environmental factor	IPX4
RPM	2100
Ambient Temperature	+5°C to +40°C
Weight	0.61 kg (610g)
Material	High-quality ABS Plastic (UV resistant)

Parameter	Value
Special Features	Humidity sensor/Hygrostat, Timer/Run-on control, Ball bearings
Mounting Type	Wall or Ceiling

Dimensions



Image: Technical drawing with detailed dimensions of the fan unit. The duct diameter is 149mm (approx 150mm), the front panel diameter is 203mm, the duct length is 80mm, and the front panel depth is 35mm.

- Duct Diameter: Approximately 149 mm
- Front Panel Diameter: 203 mm
- Duct Length: 80 mm
- Front Panel Depth: 35 mm
- Overall Product Dimensions (L x W x H): 11.5 x 20.3 x 20.3 cm

WARRANTY AND SUPPORT

EUROPLAST products are manufactured to high-quality standards. For warranty information, please refer to the specific terms and conditions provided at the point of purchase or contact your local EUROPLAST distributor. If you encounter any issues not covered in the troubleshooting section or require further assistance, please contact EUROPLAST customer support. Have your model number (EAT150HT) and purchase details ready when contacting support. For more information, visit the official EUROPLAST website or contact your retailer.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question