

CATA UC-10

Cata UC-10 Bathroom Extractor Fan User Manual

Model: UC-10 | Brand: CATA

1. INTRODUCTION

Thank you for choosing the Cata UC-10 Bathroom Extractor Fan. This manual provides essential information for the safe and efficient installation, operation, and maintenance of your new ventilation unit. Please read these instructions carefully before installation and retain them for future reference.

1.1 Safety Information

- Ensure the power supply is disconnected before any installation, maintenance, or cleaning.
- Installation must be carried out by a qualified electrician in accordance with local wiring regulations.
- 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.
- Do not immerse the appliance in water or any other liquid.
- The appliance must not be earthed (double insulation).
- Ensure the ambient temperature does not exceed 40°C.

2. PRODUCT OVERVIEW

The Cata UC-10 is a high-performance bathroom extractor fan designed for efficient air extraction with low energy consumption and quiet operation. Its silver-grey finish offers a discreet aesthetic suitable for various interiors, particularly bathrooms and WCs.

2.1 Key Features

- High-performance turbine.
- Durable ABS plastic casing.
- Ball bearing motor for extended life.
- Extremely quiet operation (26 dB(A)).
- Low power consumption (8 W).
- Integrated backdraft damper to prevent air reflux.
- IP44 protection against splashing water.
- Timer function for adjustable run-on time.



Figure 2.1: Front view of the Cata UC-10 Bathroom Extractor Fan. This image displays the fan's grille and the "cata U-COMFORT" branding on the bottom.



Figure 2.2: Diagram illustrating key features of the Cata U-Comfort series, including adjustable speed, backdraft damper, and timer function. This image highlights the fan's technical advantages and operational modes.

3. SETUP AND INSTALLATION

The UC-10 fan is designed for easy installation on walls or ceilings. It is suitable for mounting into ducts or openings with a nominal diameter of 100 mm.

3.1 Mounting Location

- The fan can be mounted on a wall or ceiling.
- Ensure the chosen location allows for proper ventilation and access for maintenance.
- The fan is designed for connection to a 100 mm (NW) diameter duct. Note that the duct should be slightly longer than

100mm for optimal fit.

3.2 Dimensions



Figure 3.1: Technical drawing showing the dimensions of the Cata UC-10 fan. The front panel measures 150x150 mm, with a depth of 77.5 mm for the duct connection and an additional 18.5 mm for the front grille.

3.3 Electrical Connection

- The fan operates on 240 Volts.

- It features double insulation and does not require earthing.
- The protection rating is IP44, offering protection against splashing water from all directions.
- Refer to the wiring diagram provided with the product for specific connection details.

3.4 Backdraft Damper

The fan is equipped with a specially designed backdraft damper. This valve prevents cold air from entering the room when the extractor is not in operation and helps to prevent unpleasant odors from returning.

4. OPERATING INSTRUCTIONS

The Cata UC-10 fan is designed for straightforward operation. The "TIMER SILVER" model includes a timer function for controlled ventilation.

4.1 Basic Operation

The fan is typically connected to a light switch or a separate switch in the bathroom. When the switch is activated, the fan will begin to operate.

4.2 Timer Function

The integrated timer allows the fan to continue operating for a set period after the main switch is turned off. This ensures complete air renewal in the room. The timer duration is adjustable. Refer to the wiring diagram and specific instructions for setting the timer duration, which typically involves a small potentiometer on the fan's circuit board. Common settings include 3, 5, 10, 15, or 20 minutes.

4.3 Adjustable Speed (if applicable)

Some models in the U-Comfort series offer adjustable speed settings to adapt to different extraction needs and noise levels. If your model supports this, refer to the specific instructions for adjusting the fan speed, which may involve internal settings or an external controller. Available speeds can range from 1050 rpm to 2220 rpm.

5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Cata UC-10 fan.

5.1 Cleaning

1. **Disconnect Power:** Always ensure the power supply to the fan is completely disconnected before cleaning.
2. **Remove Front Grille:** Carefully remove the front grille of the fan. This is typically done by gently prying it off or unscrewing retaining clips/screws.
3. **Clean Components:** Use a soft, damp cloth with a mild detergent to clean the grille and the fan blades. Do not use abrasive cleaners or solvents. Ensure no water enters the motor or electrical components.
4. **Dry Thoroughly:** Allow all components to dry completely before reassembling.
5. **Reassemble:** Carefully reattach the front grille.

5.2 General Care

- Inspect the fan periodically for any signs of damage or wear.
- Ensure that the air inlet and outlet are not obstructed.
- No lubrication is required for the ball bearing motor.

6. TROUBLESHOOTING

If you encounter issues with your Cata UC-10 fan, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Fan does not turn on.	No power supply. Faulty wiring. Internal fault.	Check circuit breaker/fuse. Verify electrical connections (consult an electrician). Contact customer support.
Fan is excessively noisy.	Obstruction in fan blades. Loose mounting. Motor issue.	Disconnect power and check for obstructions. Clean blades. Ensure fan is securely mounted. Contact customer support.
Poor air extraction.	Blocked ducting. Fan blades are dirty. Backdraft damper stuck.	Check ducting for obstructions. Clean fan blades and grille. Inspect backdraft damper for free movement.
Timer not working correctly.	Incorrect timer setting. Wiring issue.	Adjust timer potentiometer (if accessible and adjustable). Verify timer wiring (consult an electrician).

7. SPECIFICATIONS

Technical data for the Cata UC-10 Bathroom Extractor Fan:

Model	UC-10 TIMER SILVER
Brand	CATA
Dimensions (L x W x H)	150 x 150 x 77.5 mm (excluding front grille depth of 18.5 mm)
Weight	0.65 kg
Material	ABS Plastic
Voltage	240 Volts
Power Consumption	8 Watts
Noise Level	26 dB(A)
Maximum Airflow	110 m³/h
Duct Diameter	100 mm (NW)
Protection Rating	IP44
Max. Ambient Temperature	40°C

8. WARRANTY AND SUPPORT

CATA products are manufactured to high-quality standards and are covered by a manufacturer's warranty. For specific warranty terms and conditions, please refer to the documentation provided with your purchase or contact your retailer.

8.1 Customer Support

If you require technical assistance, spare parts, or have any questions regarding your Cata UC-10 fan, please contact the retailer where you purchased the product or visit the official CATA website for support information.

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