Cata UC-10

Cata UC-10 Bathroom Exhaust Fan User Manual

Model: UC-10 (1200200)

1. INTRODUCTION

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your Cata UC-10 Bathroom Exhaust Fan. Please read this manual thoroughly before installation and use, and retain it for future reference. Proper installation and adherence to these instructions will ensure optimal performance and longevity of the product.

2. SAFETY INFORMATION

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

- **Electrical Safety:** Ensure the power supply is disconnected before installation, maintenance, or cleaning. All electrical wiring must be performed by a qualified electrician and comply with local regulations.
- **Installation:** Install the fan in accordance with the instructions provided. Do not install in areas where temperatures exceed 40°C. Ensure proper ventilation and clearance around the unit.
- **Usage:** 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.
- **Maintenance:** Only use original spare parts for repairs. Do not attempt to modify the fan. Regular cleaning is recommended to maintain performance.

3. PRODUCT OVERVIEW

The Cata UC-10 is a high-efficiency bathroom exhaust fan designed for effective ventilation, featuring an extra-flat design, low noise operation, and adjustable speed settings. It includes a humidity sensor (Hygro) and a timer function for automated control.

3.1 Key Features

- **Extra-Flat Design:** Modern and discreet aesthetic.
- **Very Silent Operation:** Minimum sound level of 26 dB(A).

- **High Energy Efficiency:** Maximum power consumption of 8 W.
- **Adjustable Speed:** Six selectable speed levels for optimal airflow control.
- **Humidity Sensor (Hygro):** Automatically activates the fan based on ambient humidity levels.
- **Timer Function:** Adjustable run-on timer after activation.
- **Backdraft Damper:** Prevents unwanted air entry when the fan is off.
- **Thermal Protector:** Ensures safe operation up to 40°C ambient temperature.
- **IP-44 Rated & Double Insulated:** Provides protection against splashing water and electrical hazards.

3.2 Components

The Cata UC-10 fan unit typically includes the main fan body, a removable front cover, and necessary electrical cabling for installation.

Figure 1: Front view of the Cata UC-10 Bathroom Exhaust Fan. This image displays the fan's white, extra-flat design with its central impeller visible through the protective grille.

UC-10 HYGRO WHITE
Cod. **01200200** EAN **8422248079860**

- **Carátula extraplana extraible**
- Color blanco
- Timer
- **Detector de humedad**
- Indicador de temperatura y humedad
- Protector térmico para trabajar a temperatura ambiente de hasta 40ºC
- **Nivel sonoro mínimo de 26 dB**
- Clase IP-44 y doble aislamiento
- Caudal máximo 110 m3/h
- Potencia máxima 8 W
- 220-240V 50/60Hz, clase B
- Diámetro de salida 100
- Velocidad 2200 r.p.m
- Peso 0,65 Kg

Figure 2: Angled front view of the Cata UC-10 fan, highlighting its compact and modern aesthetic suitable for various bathroom decors.

Figure 3: Side view of the Cata UC-10 fan, showing the depth of the unit and the exhaust duct connection point.

4. SETUP AND INSTALLATION

Installation of the Cata UC-10 fan requires electrical knowledge and should be performed by a qualified professional. The fan is designed for wall mounting.

4.1 Dimensions

SERIE U-COMFORT

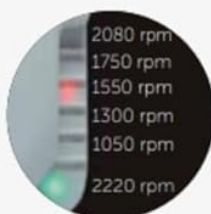## El primer extractor de baño adaptable a todas tus necesidades.

La serie U-COMFORT de extractores de CATA son dispositivos fáciles de instalar para airear y ventilar el baño, así como para reducir la humedad y los malos olores.

Esta serie permite modificar entre 6 velocidades regulando el volumen de sonido que el extractor emite.

18 mm — DISEÑO EXTRAPLANO

26 dB(A) — MUY SILENCIOSO

8 W — ALTA EFICIENCIA ENERGÉTICA

COMPUERTA ANTIRRETORNO INCLUIDA

VELOCIDAD REGULABLE

Velocidad regulable para adaptarse a todas sus necesidades de extracción y sonido, lo que le permite conseguir el máximo confort y eficiencia en cada caso.

2080 rpm
1750 rpm
1550 rpm
1300 rpm
1050 rpm
2220 rpm

COMPUERTA ANTIRRETORNO

Permite evitar la entrada de aire frío cuando el extractor no esté en funcionamiento e impedirá la entrada de malos olores.
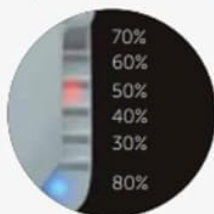
INSTALACIÓN SIMPLE Y COMPACTA CON DISEÑO EXTRAPLANO

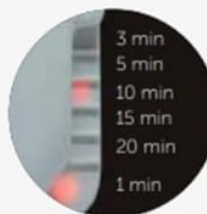### MÁXIMO RENDIMIENTO, AL MÍNIMO CONSUMO

VERSIÓN HYGRO

HYGRO

Mantenga un nivel de Humedad adecuado en su baño, seleccionando la humedad máxima que desea entre el 30 y el 80% de Humedad relativa.

70%
60%
50%
40%
30%
80%

TIMER

Seleccione el tiempo que necesite mantener su extractor en marcha después de usar el baño, para su completa renovación del aire.

3 min
5 min
10 min
15 min
20 min
1 min

Figure 4: Technical diagram illustrating the dimensions of the Cata UC-10 fan. The front panel measures 150x150 mm, with a depth of 18.5 mm. The exhaust duct has a diameter of 100 mm and a length of 77.5 mm.

4.2 Installation Steps (General Guidelines)

1. **Preparation:** Disconnect power at the main circuit breaker. Choose a suitable wall mounting location,

ensuring adequate space for the fan and ducting.

2. **Mounting:** Create an opening in the wall according to the fan's duct diameter (100 mm). Secure the fan body to the wall using appropriate fasteners.

3. **Ducting:** Connect suitable ducting from the fan's exhaust outlet to the exterior. Ensure ducting is sealed to prevent air leakage.

4. **Wiring:** Connect the electrical cable to the fan's terminal block. Ensure correct polarity and secure all connections. The fan operates on 220-240V, 50/60Hz.

5. **Final Assembly:** Attach the front cover securely to the fan body.

6. **Testing:** Restore power and test the fan's operation, including the timer and humidity sensor functions.

5. OPERATING INSTRUCTIONS

The Cata UC-10 fan offers automated and adjustable operation modes.

Figure 5: Diagram illustrating the adjustable speed, humidity sensor (Hygro), and timer settings of the Cata UC-10 fan.

5.1 Adjustable Speed

The fan features six adjustable speed levels, allowing you to optimize airflow and noise levels according to

your needs. The available speeds range from 1050 RPM to 2220 RPM. Consult the internal adjustment mechanism (typically potentiometers or switches accessible after removing the front cover) to select the desired speed setting.

5.2 Humidity Sensor (Hygro)

The integrated humidity sensor automatically activates the fan when the ambient humidity exceeds a preset threshold. This threshold can typically be adjusted (e.g., from 30% to 80% relative humidity) using a control knob or potentiometer located inside the fan unit. The fan will run until the humidity level drops below the set point.

5.3 Timer Function

The timer function allows the fan to continue operating for a set period after it has been manually switched off or after the humidity level has dropped below the sensor's threshold. The timer duration is adjustable, commonly offering settings such as 3, 5, 10, 15, or 20 minutes. This setting is usually adjusted via a control knob or potentiometer within the fan unit.

6. MAINTENANCE

Regular maintenance ensures the efficient and safe operation of your Cata UC-10 fan.

6.1 Cleaning

- **Disconnect Power:** Always ensure the power supply to the fan is disconnected before cleaning.
- **Remove Front Cover:** Carefully detach the extra-flat front cover.
- **Clean Components:** Use a soft, damp cloth to wipe down the front cover and the fan blades. Avoid using abrasive cleaners or solvents. Ensure no water enters the electrical components.
- **Reassemble:** Once all parts are dry, reattach the front cover securely.

It is recommended to clean the fan at least once every six months, or more frequently in dusty or high-humidity environments.

7. TROUBLESHOOTING

If you encounter issues with your Cata UC-10 fan, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Fan does not turn on.	No power supply. Faulty wiring. Humidity sensor not triggered. Timer not set.	Check circuit breaker and power connection. Verify wiring connections (consult an electrician). Increase humidity or manually activate. Adjust timer settings.
Fan is excessively noisy.	Dirty fan blades. Loose mounting. Obstruction in ducting.	Clean fan blades (see Maintenance). Ensure fan is securely mounted. Check ducting for blockages.
Poor air extraction.	Blocked ducting. Dirty fan blades. Incorrect speed setting.	Clear any obstructions in the duct. Clean fan blades. Adjust to a higher speed setting.

Problem	Possible Cause	Solution
Humidity sensor not working.	Sensor setting too high. Sensor malfunction.	Adjust the humidity threshold to a lower percentage. If problem persists, contact support.

If the problem persists after attempting these solutions, please contact Cata customer support or a qualified technician.

8. SPECIFICATIONS

Feature	Specification
Model	UC-10 (1200200)
Brand	Cata
Type	Bathroom Exhaust Fan
Mounting Type	Wall Mount
Power Source	Corded Electric
Voltage / Frequency	220-240V, 50/60Hz
Maximum Power Consumption	8 W
Maximum Airflow	110 m³/h
Minimum Noise Level	26 dB(A)
Fan Speed	Adjustable, up to 2220 RPM (6 levels)
Outlet Diameter	100 mm
Front Panel Dimensions (W x H)	150 mm x 150 mm
Front Panel Depth	18.5 mm
Duct Length	77.5 mm
Weight	0.65 kg
Material	Plastic (Kunststoff)
IP Rating	IP-44
Insulation Class	Double Insulation (Class B)
Thermal Protection	Up to 40°C ambient temperature
Special Features	Timer, Humidity Sensor (Hygro), Adjustable Speed, Backdraft Damper

9. WARRANTY AND SUPPORT

Cata products are manufactured to high-quality standards and are covered by a manufacturer's warranty against defects in materials and workmanship. Please refer to the warranty card included with your product or visit the official Cata website for detailed warranty terms and conditions.

For technical assistance, spare parts, or warranty claims, please contact your local dealer or Cata customer service. Ensure you have your product model number (UC-10, 1200200) and proof of purchase available when contacting support.

Related Documents - UC-10

	[Посібник з встановлення, використання та обслуговування вентиляторів CATA Silentis](#) Детальні інструкції зі встановлення, використання та обслуговування вентиляторів CATA Silentis 10, 12 та 15. Включає електричне підключення, налаштування таймера та інформацію про гарантію.
	[X-MART X-MART MATIC Extractor Fan Installation and Operation Manual](#) Comprehensive guide for installing and operating the CATA X-MART and X-MART MATIC extractor fans, covering safety, installation steps, electrical connections, and model-specific features.
	[Manual de Instrucciones Horno Cata ECO65L M - Guía Completa](#) Descargue el manual de instrucciones para el horno Cata ECO65L M. Incluye guías de seguridad, instalación, uso, mantenimiento y solución de problemas para su electrodoméstico Cata.
	[CATA GC-DUAL Decorative Extractor Hood User Manual](#) Comprehensive user manual for the CATA GC-DUAL Decorative Extractor Hood, covering installation, safety, operation, maintenance, and legal information. Includes detailed control panel descriptions.

[CATA CMD 8108 X Sütő: Telepítési és Használati Útmutató](#)

Ez a részletes útmutató a CATA CMD 8108 X beépíthető sütő biztonságos telepítéséhez, hatékony használatához és karbantartásához nyújt segítséget. Fedezze fel a sütő funkcióit, a biztonsági előírásokat és a karbantartási tippeket.

[CATA Cooker Hood User Manual: Operation, Settings, and Troubleshooting](#)

Comprehensive user manual for CATA cooker hoods, covering operation, control panel functions, settings for ducted and recirculation modes, lighting, connectivity, fan speed adjustments, timer functions, filter cleaning, and troubleshooting FAQs. Includes instructions in English, Spanish, French, Portuguese, and German.