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> elicient Rec Duo 100 Mhy Silent VMC Ventilation Unit User Manual

elicient 2RC1208

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Model: 2RC1208

1. PRODUCT OVERVIEW

The elicient Rec Duo 100 Mhy Silent is a decentralized VMC (Ventilation with Heat Recovery) unit designed for continuous air exchange and humidity control. It features a high-performance ceramic heat exchanger for energy efficiency and is suitable for various indoor environments.



Figure 1: elicient Rec Duo 100 Mhy Silent VMC Ventilation Unit. This image shows the complete ventilation unit, including the internal and external grilles connected by the telescopic duct.



Figure 2: Unit installed in a bedroom. The image illustrates the discreet appearance of the unit when mounted on a wall in a typical living space.

Key Features:

- **Smart Control:** Features 24-hour heat recovery, fixed speed options, timer mode for extraction, and an automatic humidity control mode.
- **High Acoustic Insulation:** Equipped with a soundproof and windproof outer cover, including a fireproof sound-absorbing mat and 304 stainless steel components.
- **Energy Efficiency:** Energy class A with up to 90% thermal efficiency and low power consumption (as low as 1W).
- **Easy Maintenance:** Features easily removable G3 polypropylene filters for air filtration.

2. INSTALLATION

The Rec Duo 100 Mhy Silent unit is designed for wall mounting and can be installed individually or in pairs. It is suitable for walls with a thickness between 300 mm and 500 mm, and can be adapted for thicknesses from 220 mm to 1000 mm.

Dimensions:



— — La ventilazione made in Italy

Dimensioni (in mm)

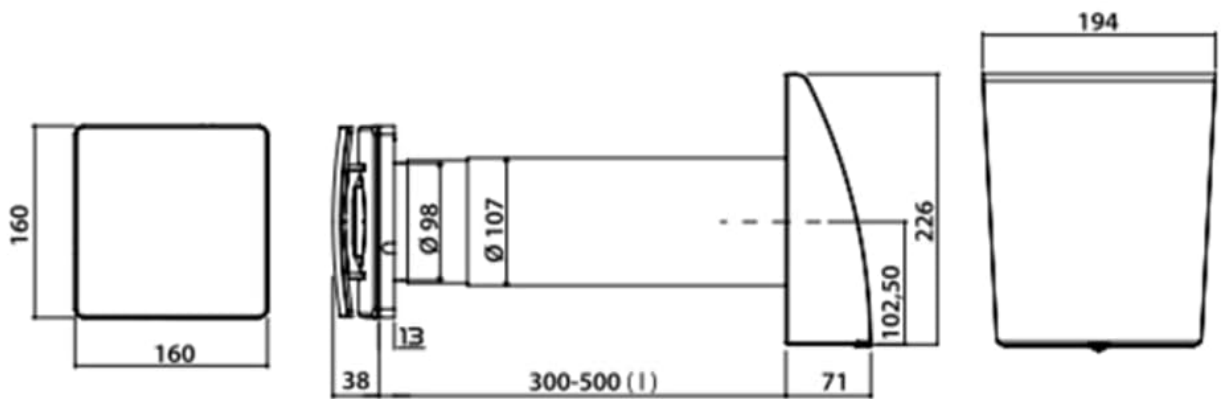


Figure 3: Product Dimensions (in mm). This diagram provides detailed measurements of the unit's components, including the internal and external grilles and the telescopic duct, crucial for pre-installation planning.

Installation Process Overview:

1. **Prepare Wall Opening:** Create a circular opening in the wall with a diameter of 107 mm.
2. **Insert Telescopic Tube:** Adjust the telescopic tube to the wall thickness and insert it into the prepared opening.
3. **Mount Fan Unit:** The fan unit features a magnetic hook/release mechanism for quick installation and maintenance.
4. **Connect Electrical Wiring:** Ensure proper electrical connection according to local regulations.
5. **Attach Grilles:** Secure the internal and external grilles.

Installazione



Figure 4: Installation and Airflow Cycle. This diagram illustrates the unit's operation, showing the alternating airflow direction (inversion cycle) for heat recovery, with air being extracted and supplied through the unit.

3. OPERATING INSTRUCTIONS

The Rec Duo 100 Mhy Silent offers intelligent control for optimal indoor air quality.

Operating Modes:

- **24-Hour Heat Recovery Mode:** The unit continuously operates to recover heat from extracted air, transferring it to fresh incoming air. This mode helps maintain a comfortable indoor temperature while ensuring ventilation.
- **Fixed Speed Options:** During installation, one of two fixed speeds can be selected for continuous operation.
- **Timer Mode (Air Extraction):** Similar to the Rec Duo 100 Silent model, this mode allows for timed air extraction, useful for quick ventilation of specific areas like bathrooms.
- **Humidity Control Mode:** The unit automatically adjusts the extraction speed based on detected humidity levels. This ensures a comfortable environment by preventing excessive humidity buildup, making it suitable for use as a bathroom exhaust fan.

Control Interface:

Refer to the specific control panel or remote control provided with your unit for detailed instructions on switching between modes and adjusting settings. Typically, buttons or a dial will allow selection of desired operation.

4. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your ventilation unit.

Filter Cleaning and Replacement:

The unit is equipped with Class G3 polypropylene filters for air filtration. These filters are easily removable for cleaning or replacement.

- **Frequency:** Filters should be inspected and cleaned every 3-6 months, or more frequently in dusty environments. Replace filters annually or as needed.
- **Procedure:**
 - a. Disconnect power to the unit before performing any maintenance.
 - b. Carefully remove the internal grille.
 - c. Locate and remove the G3 polypropylene filters.
 - d. Clean filters using a vacuum cleaner or by gently washing with warm, soapy water. Ensure filters are completely dry before reinstallation.
 - e. Reinstall the filters and secure the internal grille.

General Cleaning:

Wipe the exterior surfaces of the unit with a soft, damp cloth. Do not use abrasive cleaners or solvents.

5. TROUBLESHOOTING

This section provides solutions to common issues you might encounter with your elicent Rec Duo 100 Mhy Silent unit.

Problem	Possible Cause	Solution
Unit does not turn on	No power supply; Unit is off; Wiring issue.	Check power connection and circuit breaker. Ensure unit is switched on. Consult a qualified electrician if wiring is suspected.
Reduced airflow	Clogged filters; Obstruction in duct; Fan malfunction.	Clean or replace filters. Check for obstructions in the telescopic duct. If fan is not operating, contact support.
Unusual noise from unit	Loose components; Fan imbalance; Debris in fan.	Ensure all components are securely fastened. Disconnect power and carefully inspect fan for debris. If noise persists, contact support.
Humidity control not effective	Sensor obstruction; High external humidity; Incorrect mode.	Ensure humidity sensor is clean and unobstructed. Verify unit is in humidity control mode. Note that extreme external humidity may limit effectiveness.

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

6. SPECIFICATIONS

Detailed technical specifications for the elicent Rec Duo 100 Mhy Silent VMC Ventilation Unit.

Specification	Value
Brand	elicent
Model Number	2RC1208
Colour	White
Product Dimensions	16 x 16 x 42.2 cm
Item Weight	2.8 kg
Power / Wattage	1 watts (minimum)
Material	Plastic
Special Features	Humidity Control
Electric fan design	Exhaust Fan
Power source	Corded Electric
Style	Wall-Mounted
Room type	Bathroom, Bedroom, Living Room
Recommended uses for product	Ventilating
ASIN	B0D4QR8Q93
Date First Available	26 July 2024



Figure 5: Technical Data Table. This table provides specific performance metrics such as minimum/maximum flow rates, power consumption, and sound levels for the unit.

7. WARRANTY AND SUPPORT

For detailed warranty information, please refer to the documentation included with your purchase or visit the official elicent website. For technical support, spare parts, or service inquiries, please contact elicent customer service through their official channels.

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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

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