

Maico 950270

MAICO WS 470 KR Central Ventilation Unit User Manual

Model: 950270 | Brand: Maico

1. INTRODUCTION

This user manual provides essential information for the safe and efficient operation, installation, and maintenance of the MAICO WS 470 KR Central Ventilation Unit. Please read this manual thoroughly before installation and operation to ensure proper use and to prevent damage or injury.

The MAICO WS 470 KR is designed as a durable and robust central ventilation unit, intended for integration into building ventilation systems to provide efficient air exchange.

Safety Instructions

- Always disconnect power before performing any installation, maintenance, or cleaning.
- Installation and electrical connections must be performed by qualified personnel in accordance with local regulations and standards.
- Do not block air inlets or outlets.
- Keep the unit away from water and excessive moisture.
- Ensure proper grounding of the unit.

2. SETUP AND INSTALLATION

2.1 Unpacking

Carefully remove the ventilation unit from its packaging. Inspect the unit for any signs of damage during transit. Report any damage to your supplier immediately.



This image displays the MAICO WS 470 KR Central Ventilation Unit, a compact, rectangular grey unit with multiple circular ports on its top surface, indicating air intake and exhaust connections. The unit features a clean, industrial design suitable for integration into ventilation systems.

2.2 Mounting

The unit should be mounted in a stable, level position, ensuring adequate space for air circulation and future maintenance access. Refer to the included installation hardware and diagrams for specific mounting instructions.

2.3 Duct Connection

Connect the appropriate ventilation ducts to the unit's intake and exhaust ports. Ensure all connections are sealed properly to prevent air leakage and optimize performance.

2.4 Electrical Connection

Connect the unit to a suitable power supply according to the electrical specifications provided. This must be done by a qualified electrician. Ensure the power supply matches the unit's voltage and frequency requirements.

3. OPERATING INSTRUCTIONS

3.1 Powering On/Off

Once installed and connected, the unit can be powered on via its main power switch or connected control system. To power off, use the same method. Always ensure the unit is completely off before any maintenance.

3.2 Basic Operation

The MAICO WS 470 KR operates automatically once powered on, maintaining air exchange based on its internal settings or external control signals. Consult any additional control panel documentation for advanced settings or modes of operation, if applicable.

4. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your MAICO WS 470 KR unit. Always disconnect power before performing any maintenance.

4.1 Filter Replacement/Cleaning

The ventilation unit contains air filters that require regular cleaning or replacement. The frequency depends on the operating environment. Typically, filters should be checked every 3-6 months.

1. Locate the filter access panel on the unit.
2. Open the panel and carefully remove the old filters.
3. Clean reusable filters according to manufacturer guidelines (e.g., vacuuming, washing) or replace with new filters of the correct type.
4. Reinsert the filters and close the access panel securely.

4.2 General Cleaning

Wipe the exterior of the unit with a soft, damp cloth. Do not use abrasive cleaners or solvents. Ensure no moisture enters the internal components.

5. TROUBLESHOOTING

This section provides solutions to common issues you might encounter with your MAICO WS 470 KR unit. If the problem persists, contact qualified service personnel.

| Problem | Possible Cause | Solution |
|-------------------------|--|--|
| Unit does not power on | No power supply; tripped circuit breaker; loose connection | Check power cord, circuit breaker, and electrical connections. |
| Reduced airflow | Clogged filters; blocked ducts; fan malfunction | Clean or replace filters. Check ducts for obstructions. If problem persists, contact service. |
| Unusual noise from unit | Loose components; fan imbalance; foreign object | Ensure unit is securely mounted. Inspect for loose parts or foreign objects. Contact service if noise continues. |

6. SPECIFICATIONS

| Attribute | Detail |
|---------------------|-----------------------|
| Brand | Maico |
| Model Number | 950270 |
| Manufacturer | MAICO |
| Product Dimensions | 63 x 20 x 20 cm |
| Item Weight | 9 kg |
| Included Components | Installation Hardware |

7. WARRANTY AND SUPPORT

The MAICO WS 470 KR Central Ventilation Unit comes with a standard manufacturer's warranty. Please refer to the warranty card included with your purchase for specific terms and conditions, including warranty duration and coverage details.

For technical support, service, or warranty claims, please contact your authorized MAICO dealer or visit the official MAICO website for contact information.

Note: Unauthorized repairs or modifications may void the product warranty.