

Breathe like outdoors.

Only better.

EU Declaration of conformity

We hereby declare that this HRV Fan complies with the essential requirements and other relevant provisions of the Low Voltage Directive 2014/35/EU, the Electromagnetic Compatibility Directive 2014/30/EU, and the RoHS Directive 2011/65/EU including amendment (EU) 2015/863

LastWerk

A MobiHero Brand.

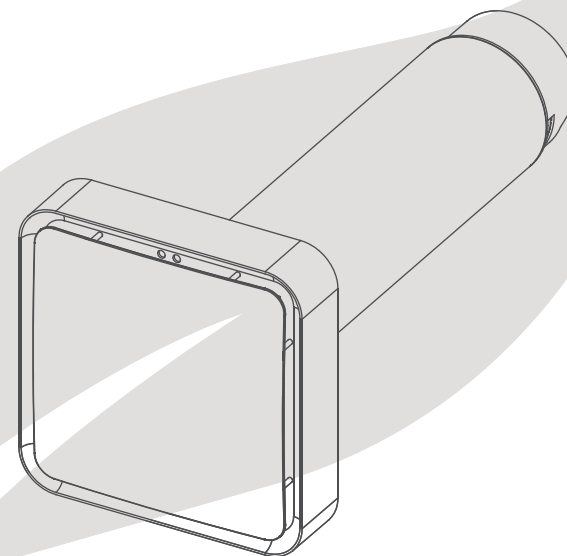
MobiHero GmbH Braunstr. 7
D-81545 info@mobihero.de

USER'S MANUAL

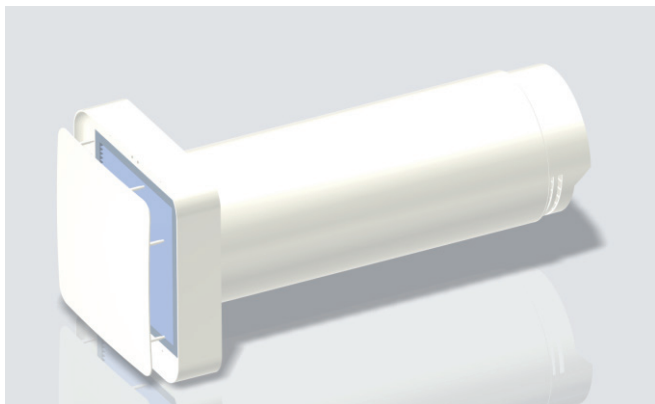
HRV Ductless Fresh Air Unit.

Model: *AirReactor Core Plus*

- ◆ Before using this product, please read the instruction manual carefully.
- ◆ Please keep this instruction manual properly for future reference.



Product Introduction



HRV Ductless Fresh Air Unit.

This product effectively purifies incoming indoor air (removing over 96% of PM2.5 and harmful gases), eliminating the health risks of air pollution and keeping indoor air clean and fresh at all times.

Product Features

- ◆ Adopts high-efficiency air purification technology, achieving over 96% indoor air purification efficiency.
- ◆ Equipped with a DC brushless variable-speed motor: low energy consumption, low noise, and high efficiency.
- ◆ Large air exchange volume (40-100 cubic meters per hour) for long-lasting healthy breathing.

Application Scenarios

Suitable for home environments (bedrooms, living rooms, guest rooms, studies) as well as offices, hotels, restaurants, conference rooms, classrooms, KTVs, teahouses, and hospital wards.

Maintenance & Care

Daily Use & Maintenance Precautions

1. When the outdoor temperature is much lower than the indoor temperature (with a large temperature difference), condensation may occur.
2. Air volume and filtration efficiency will decrease with different usage environments and durations. In harsh, dusty conditions, air volume and filtration efficiency may drop sharply:
3. To maintain performance, increase filter cleaning/replacement frequency as appropriate.
4. If conditions worsen (to prevent polluted air from entering the room), run the product at low speed or temporarily stop use.
5. Unplug the power cord (cut off power) before maintaining or cleaning the fresh air system.
6. Use neutral detergents for cleaning—avoid chemicals (they may corrode or scratch the product).
7. After cleaning, dry the product with a clean, soft cloth or let it air-dry; do not apply heat (this may damage the product).
8. Cleaning intervals will vary based on actual usage conditions.

Maintenance Operation Instructions

Component Name	Maintenance Interval	Maintenance Method
Overall Unit Exterior	No time restriction	Wipe clean with a dry cloth
Full Heat Exchanger	-	Contact after-sales for on-site service
High-Efficiency Filter	3-6 months	Replace independently

Special Reminder: The high-efficiency filter is fundamental to air quality. For your health, replace it promptly and follow the above maintenance requirements. After replacement, reset the filter replacement reminder.

Common Issues & Troubleshooting

Fault Phenomenon	Troubleshooting
Reduced Air Volume	Filter is clogged; replace the filter
Unadjustable Air Volume	Check the operating mode

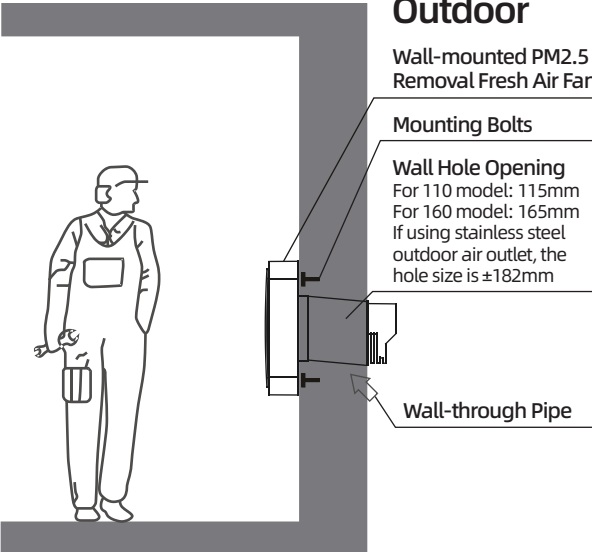
Special Reminder: If the issue cannot be resolved, please contact us.

Warranty Statement

1. Under normal conditions, the **main unit is covered by a 1-year warranty**. During the warranty period, free repair or part replacement will be provided for defects caused by manufacturing quality. For damage resulting from improper use, unauthorized disassembly, or self-repair by the user, repair fees and part costs will be charged as appropriate.
2. This warranty **does not cover damage** caused by misuse, abuse, accidents, human-induced harm, natural disasters, or use for rental/commercial purposes.

Product Installation

Product Installation Example



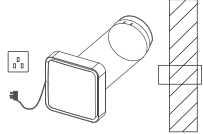
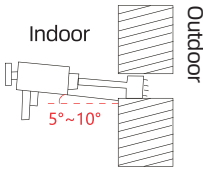
Precautions

① It is prohibited to install and use this product in damp shower rooms or environments with water vapor and flammable gases!

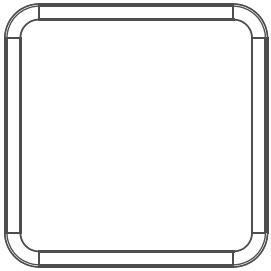
② Installation holes must not be opened in beams, pillars, load-bearing walls, etc., to avoid affecting the safety of the building structure.

③ Avoid wall-mounted wires to prevent damage to the wires.

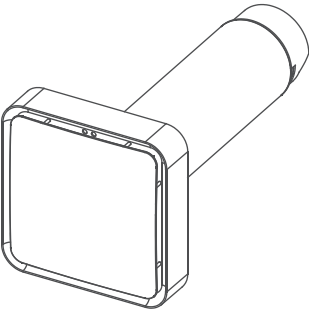
④ When installing the pipes connected to the outdoor side, tilt them 5°~10° towards the outside to prevent rainwater from intruding.

Steps	Precautions	Diagrams
① Determine the Installation Position (Pay attention to the following items when selecting the installation position)	- There is a power socket near the main unit installation position - After opening the wall hole at the main unit installation position, it can ventilate normally with the outside - There is no strong magnetic field at the main unit installation position	
② Open Holes and Install the Mounting Plate for Fixation	- At least wear protective gloves and a mask before opening holes - Align the hole opener with the marked hole position, then start the hole opener. Tilt the indoor side of the hole 5°~10° downward - After opening the hole, use an impact drill to install the fixing screws of the mounting plate on the wall	

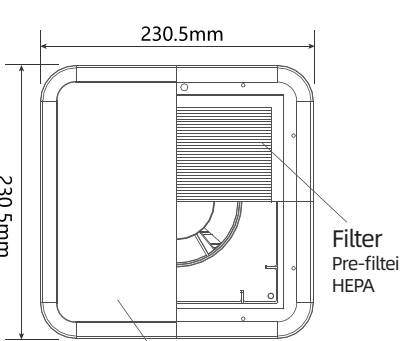
Packaging List & Component



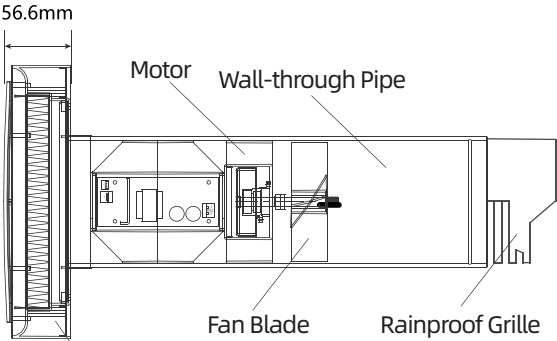
Front View of Main Unit



Side View of Main Unit



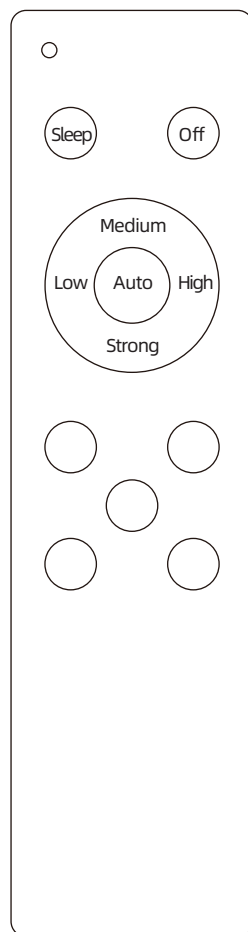
Main Unit Panel



Bracket Base

Main Unit: 1 unit	Self-tapping Screws/Expansion Tubes: 1 set
Outdoor Air Outlet: 1 piece	Instruction Manual + Certificate of Conformity + Packing List: 1 set
Note: The appearance of the product is subject to the actual item, and the added configuration is subject to the actual situation.	

Remote Control Instructions



Note: The specific control switches are subject to the actual product!

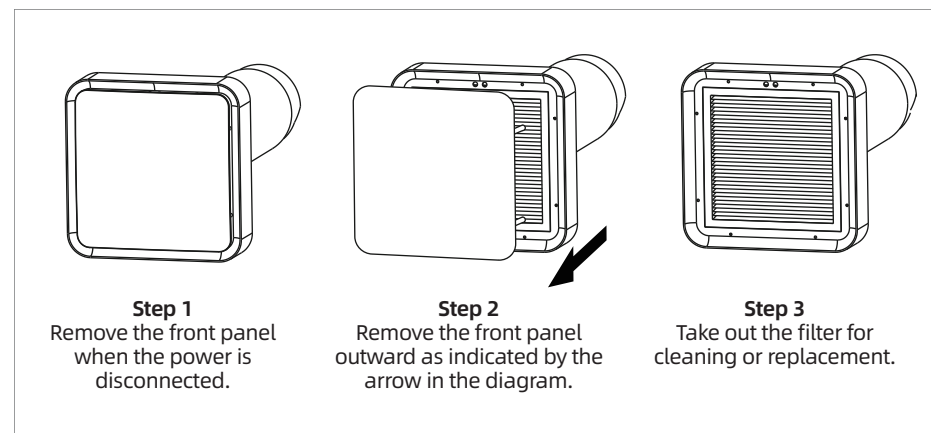
- Remote Control Pairing: Power on the device. After hearing a beep, long-press the power-off key on the remote control. When you hear another beep, the pairing is successful. After successful pairing, you can control the device by directly selecting gears.

- Three Modes: Manual, Auto, Sleep

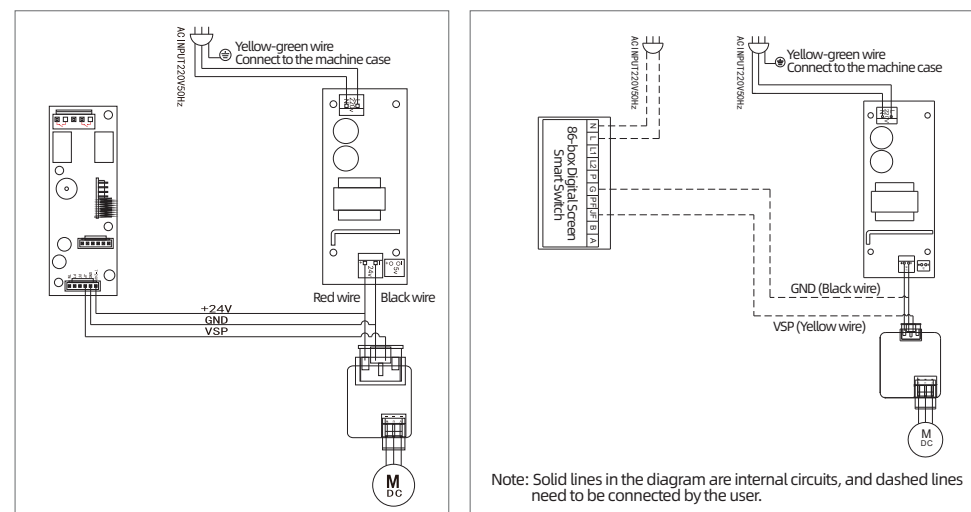
- Four-speed Adjustment: Low Speed, Medium Speed, High Speed, Strong Speed

Filter Maintenance

The filter is generally replaced every 3-6 months under normal circumstances.



Electrical Schematic Diagram



Note: This circuit diagram is for reference only. Please refer to the actual circuit diagram on the machine!