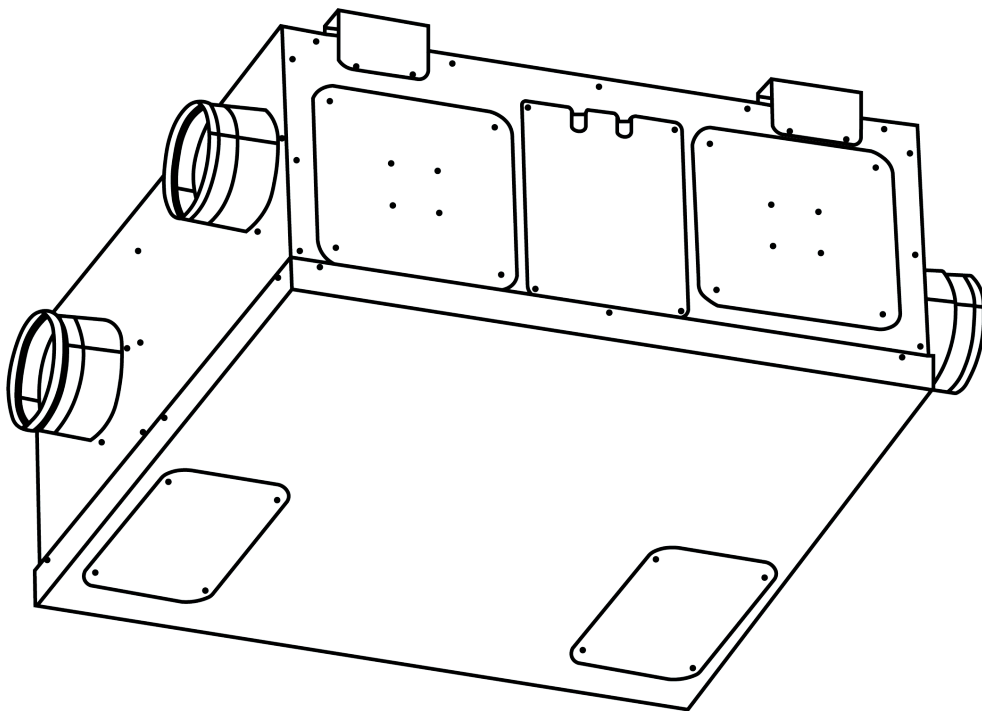


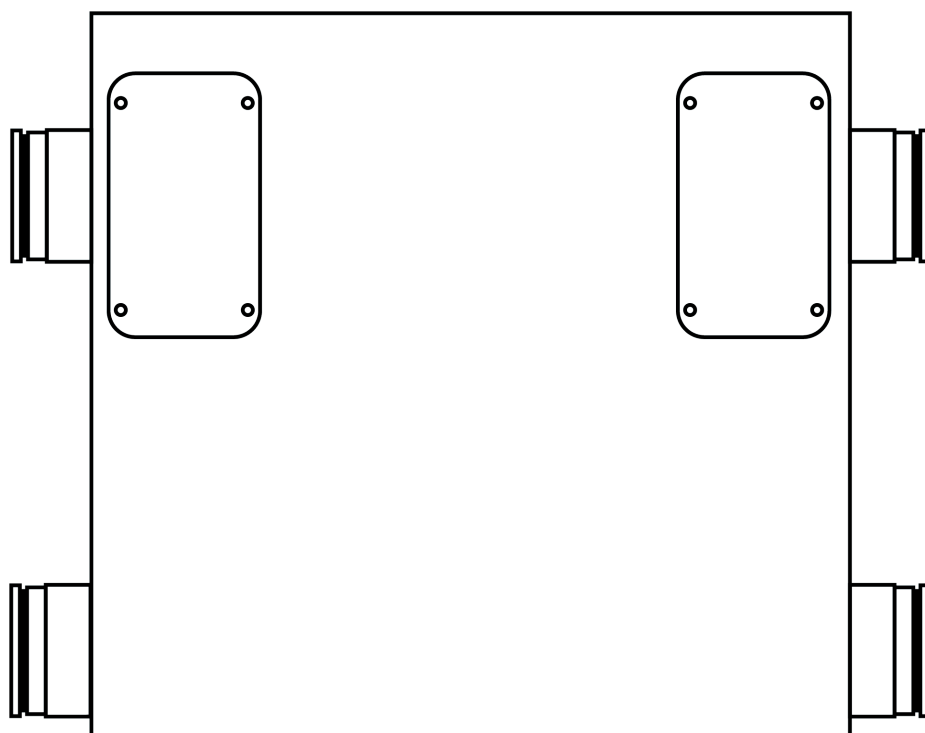
HR150 MVHR UNIT INSTALLATION MANUAL



*Installation, Operating and
Maintenance Instructions*

CONTENT AND DIMENSIONS

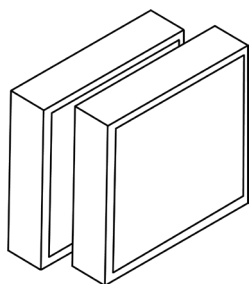
VENTILATION UNIT



EC VERSION

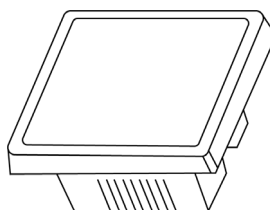
ACCESSORIES

FILTER

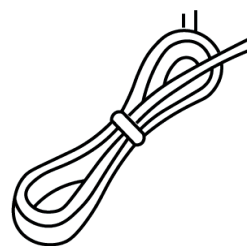


G4 x 2

OPTIONAL PARTS



Touch Panel



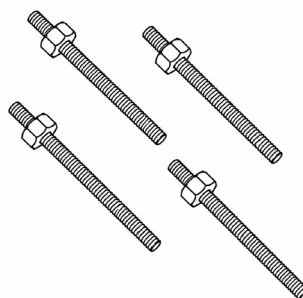
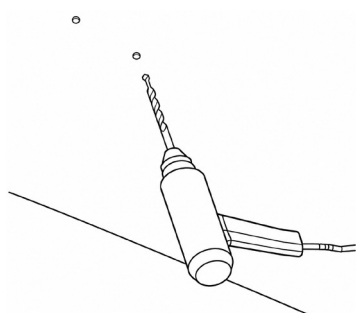
Cable

STANDARD INSTALLATION

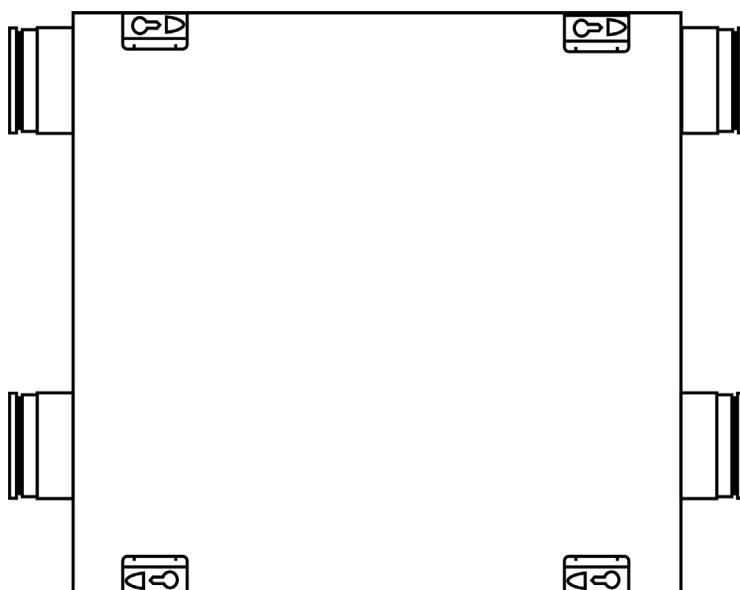
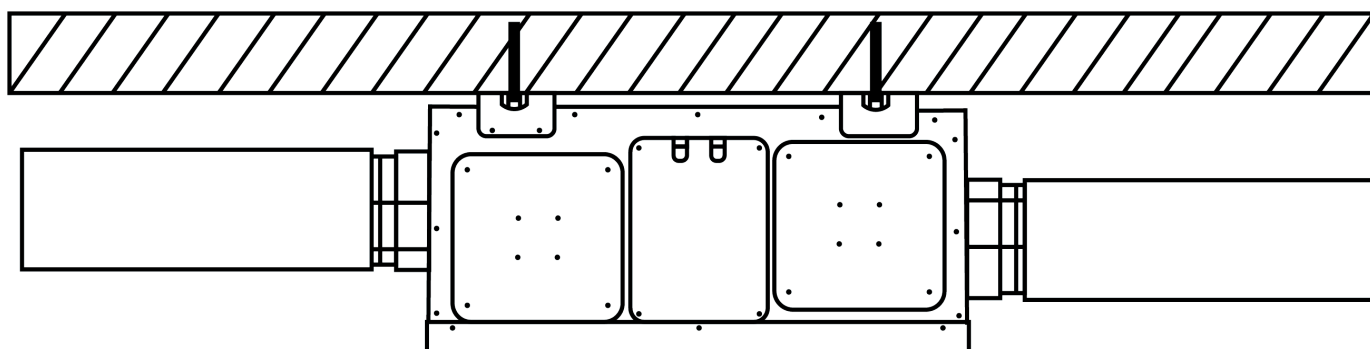


The unit must be installed only by a specialised technician. Read and apply that referred to pages before carrying out the installation.

Keep this manual in a safe place.

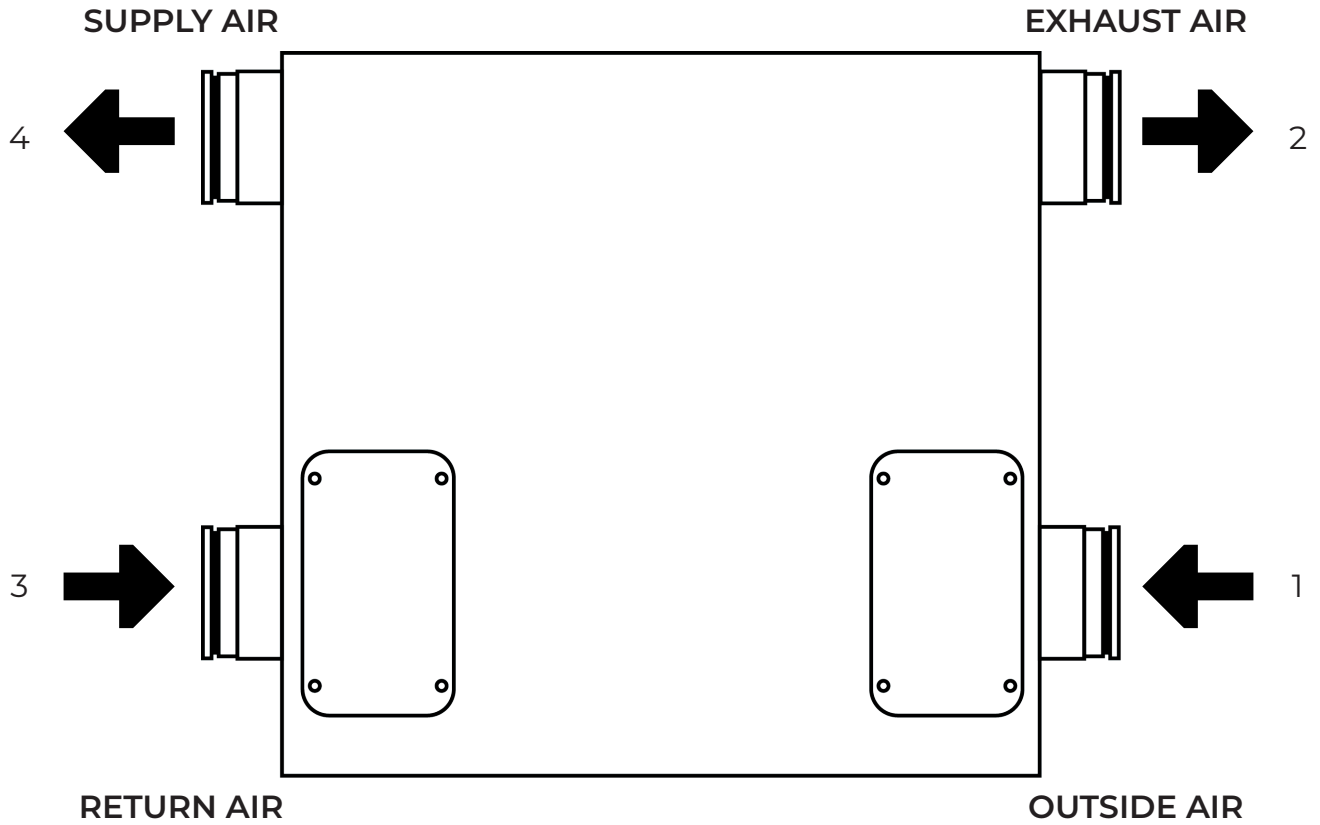


Ceiling



Four hooks are fixed to the back of the device

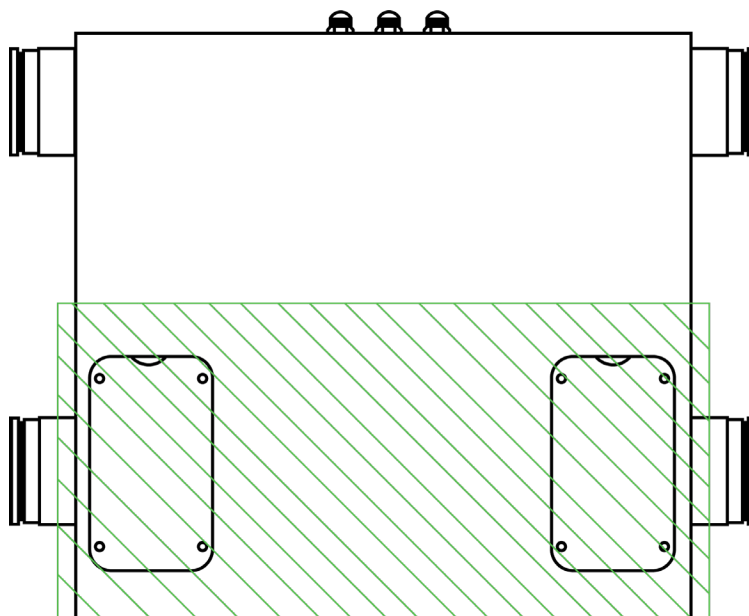
AIRFLOW CONFIGURATION



1. Intake of fresh air from the outside
2. Discharge of stale air to the outside
3. Extract of stale air from internal rooms
4. Supply of clean air to the internal rooms

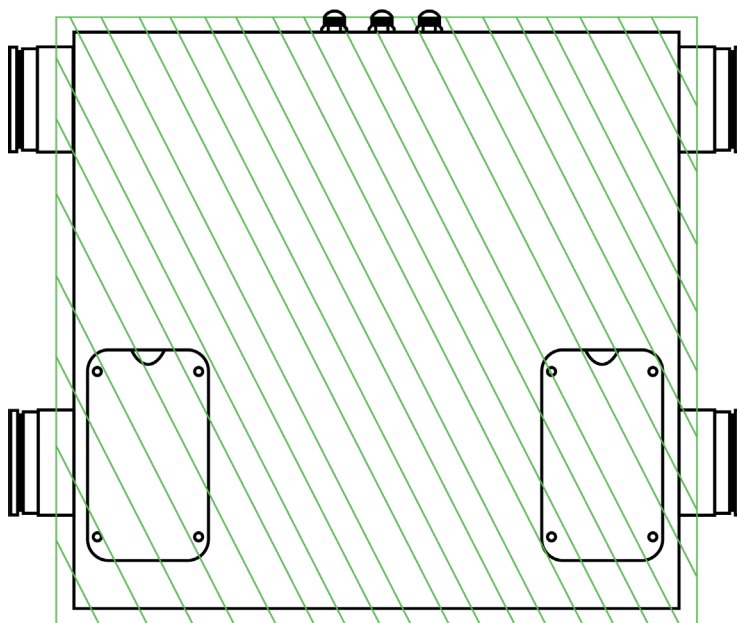
MAINTENANCE ACCESS OPTIONS

Optional Side Maintenance Port
(Motor maintenance, change motor)



Size: 600 x 300 mm

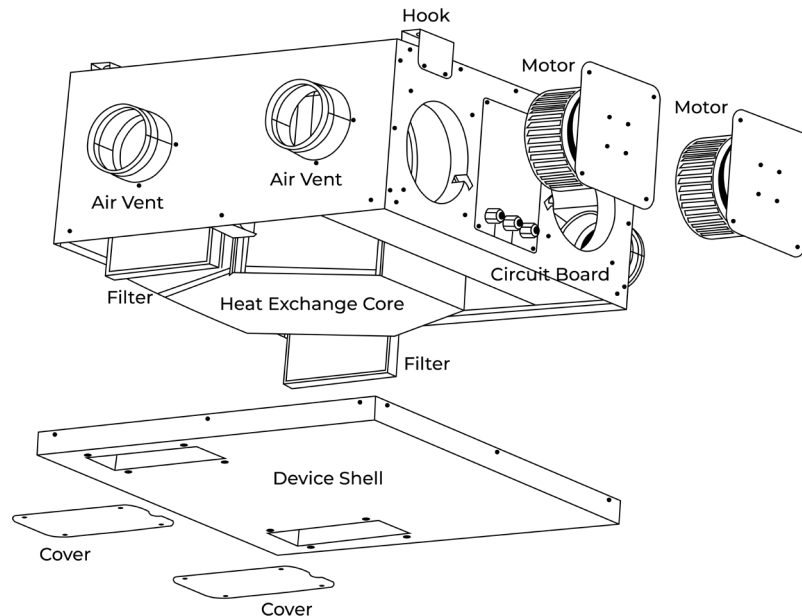
Optional Bottom Full Opening Maintenance Port
(Change filter, cleaning of heat recovery core, change heat recovery core motor maintenance, change motor)



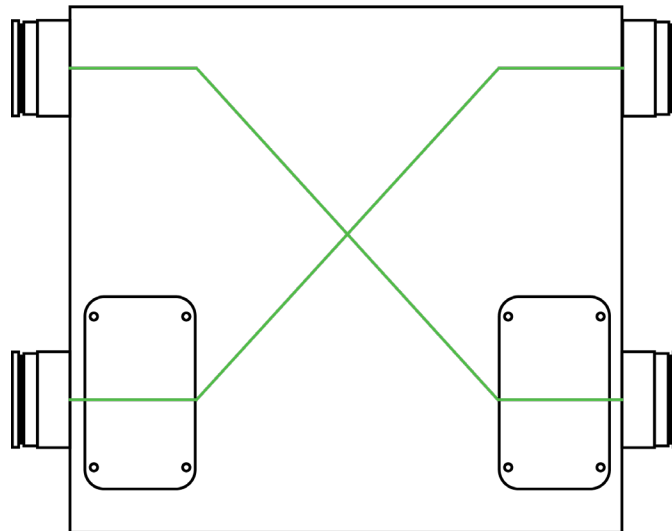
Size: 600 x 600 mm

COMPONENTS & AIR DIRECTION

Nomenclature



Air Direction



Installation

DUCT AND DUCT CONNECTIONS

The duct layout must be designed by a person qualified of ventilation system to lower air flow resistance (for this purpose minimise flexible connections).

Ensure that:

- Bends are **not** near the unit vents;
- Exhaust and intake air streams are separated to avoid contamination;
- Intake and outlet ducts are insulated;
- An adequate distance occurs between external vents (incoming fresh air and outgoing stale air) to avoid contamination.

TOUCH DISPLAY WIRING CONNECTIONS

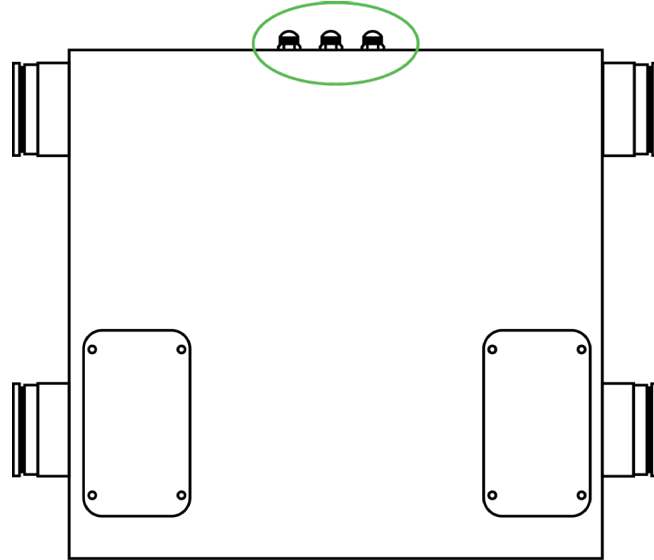
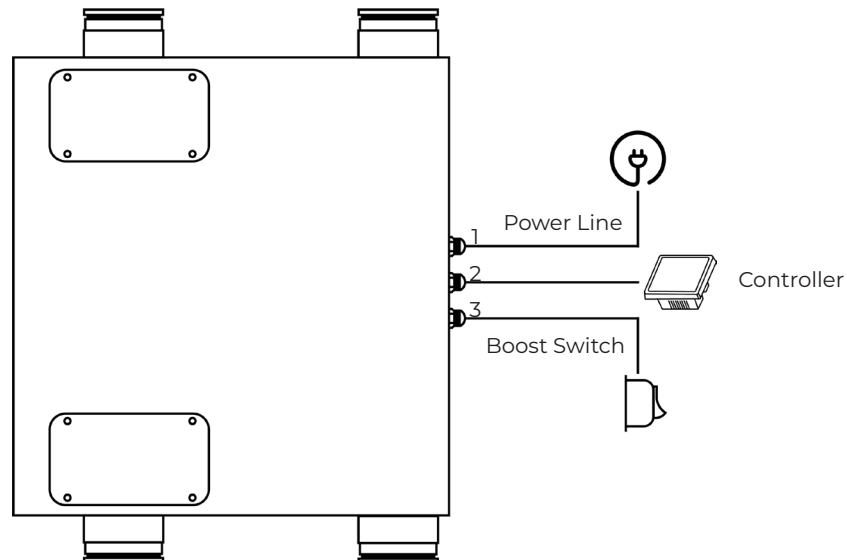


DIAGRAM No.5

The connection diagram for the Display is illustrated in the manual provided with the Touch Display. Find below the position of the terminal on the electronic board to connect the Touch Display.



- Wiring port 1 — Connect to 220/230V 50Hz power supply
- Wiring port 2 — Connect to touch controller
- Wiring port 3 — Connect to boost switch

QV-HR150 REMOVAL

⚠ WARNING

**Danger of falling when working at heights. Serious injuries in the event of a fall.
Danger to persons below the ladder from falling objects.**

When working at heights, use suitable ladders/climbing aids and ensure that they are stable. Work in pairs and ensure that you are standing securely and cannot lose your balance and that there is no one under the work area. Protect yourself against falling. Protect the ladder against bumping, knocking over and tipping.

⚠ DANGER due to electric shock

Observe the safety rules of electrical engineering. Before taking off covers and before installing the electrics, shut down all supply circuits, switch off mains fuse, check that no voltage is present, secure against being accidentally switched back on and position a visible warning sign.

ⓘ Decommissioning may only be carried out by qualified electricians.

1. Switch off the mains fuse and secure it against being switched on again.
2. Dismantle the individual unit components and dispose of them properly in accordance with the following chapter.

