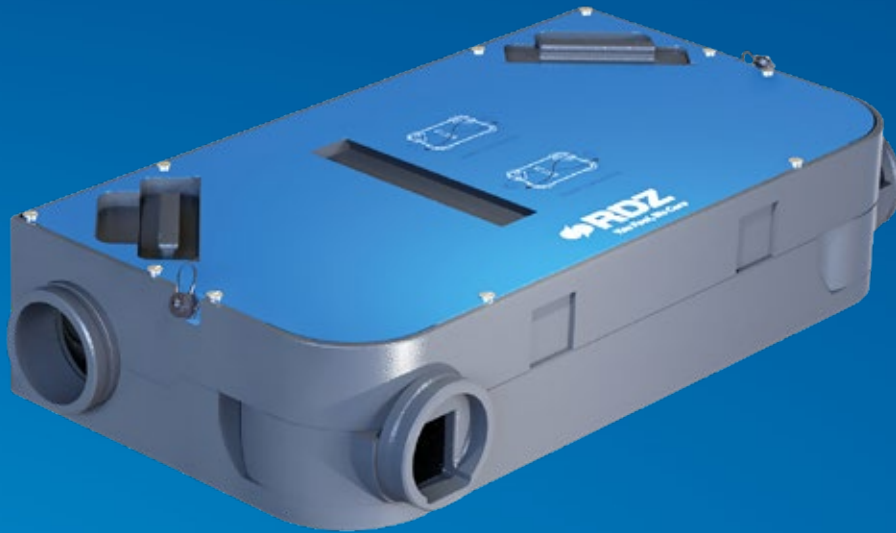


REFLAIR

Fresh air in every room



Reflair



Reflair is the compact, lightweight **MVHR** that is suitable for any residential or small tertiary application. Available in two sizes, with a maximum air flow of 150 or 250 m³/h, it can be equipped with either a **sensible** or **enthalpy** heat recovery unit. Designed to be positioned either **vertically** or **horizontally**, it features swivelling aeraulic connections for maximum design and installation flexibility. The swivelling fans, which rotate together with the connections, ensure constant performance and electricity consumption whatever the configuration of the unit.

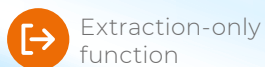
Functions



Air renewal



Timed boost



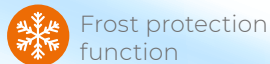
Extraction-only function



Free cooling



Hood / fireplace function



Frost protection function



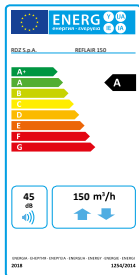
Humidity recovery*

*enthalpic version only

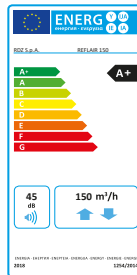
Technical data

Reflair 150

- Nominal air flow rate: 105 m³/h
- Maximum air flow rate: 150 m³/h
- Aeraulic connections: Ø 160 mm
- Max. elec. power: 126 W
- Sound power level (LWA): 45 dB
- Dimensions: 1100x240x580 mm
- Weight: 22 kg



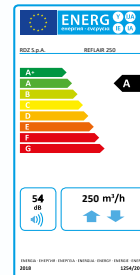
with control:
Manual, Clock, Central
demand



with control:
Local demand
(ambient probes of
air quality)

Reflair 250

- Nominal air flow rate: 175 m³/h
- Maximum air flow rate: 250 m³/h
- Aeraulic connections: Ø 160 mm
- Max. elec. power: 145 W
- Sound power level (LWA): 54 dB
- Dimensions: 1100x240x580 mm
- Weight: 22 kg



Energy Class

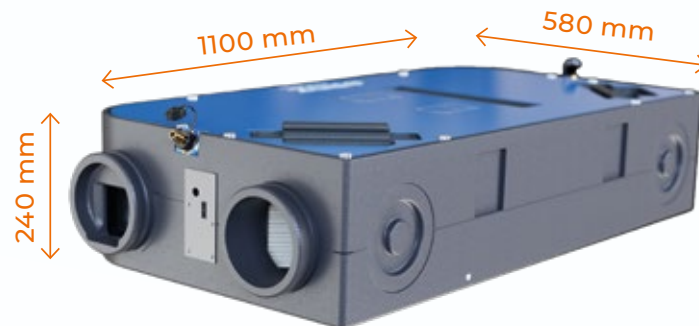


Filtration

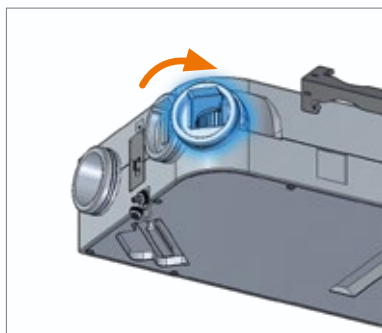


Reflair 150 and 250 filters

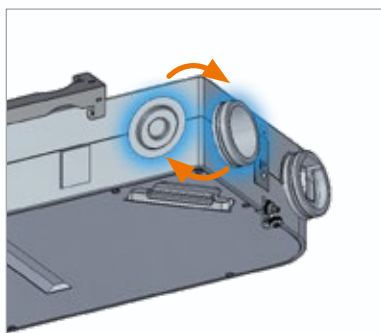
Reflair Unit is equipped with two ISO COARSE 65% filters which are mounted on handy filter-holders that can be removed without special tools. Optionally it is possible to install ePM₁ 60% (F7) filters.



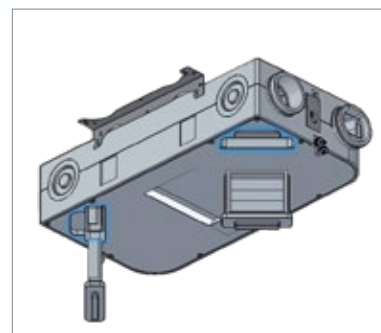
Features



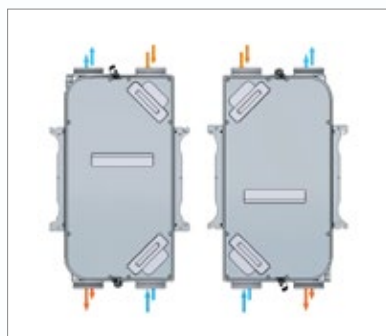
- ✓ Rotating fans and outlets to guarantee the proper pressure drop



- ✓ Orientable air inlet and room air extraction



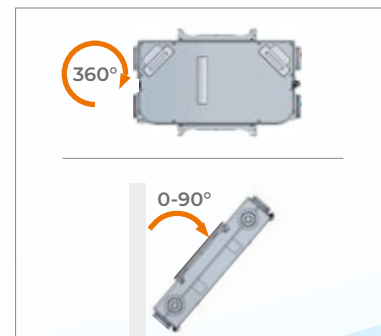
- ✓ Removable filter holder, 45° oriented to optimize pressure drop in every unit's configuration



- ✓ Reversibility of flows air to adapt the unit to the distribution system



- ✓ Wall or ceiling mounting to facilitate the system installation



- ✓ Horizontal wall installation, inclined or upside down, no condensate drain required*.

*enthalpic version only

Complements



CoRe Air Speed

Room interface to control the air renewal unit and display the related data.

Four capacitive touch keys let you select air flow rate, select the duration of the boost, switch the unit off and activate the hood/fireplace and extraction-only functions. A red LED warns you when the filters need to be replaced.



CoRe Air Control

Graphic interface to control air renewal (either manual or scheduled), dehumidification and temperature. The touchscreen lets you set and display the main operating parameters of the unit.



RE-S/RE-M

Electric pre-heater

Duct heater with single-stage or modulating electrical element mounted on galvanized sheet metal. Can perform frost protection and comes complete with control and safety thermostat.



BA-P

Air post-treatment

Finned tube water-type heat exchanger to heat and cool the air. Designed to be connected directly to the PLD-S or PLD-U distribution boxes. Can be installed horizontally or vertically.

Why is it important to renew indoor air?

Carbon dioxide, unpleasant odours and harmful pollutants can affect the quality of the air in the rooms where we spend most of our time. Modern buildings are well insulated and airtight, therefore they trap substances that can make indoor areas unhealthy and inhospitable.

Breathing clean air is essential to **prevent allergies, asthma and other lung diseases**. It also puts people in a better mood, sharpens their concentration and **improving quality of life**.

Regular air renewal is a need. However, renewing the air by opening doors and windows has several disadvantages: it compromises indoor comfort, it wastes energy (rooms cool down in winter and heat up in summer) and lets in smog, insects and noise.

Mechanical ventilation systems, instead, continuously **extract stale air, recovering its heat by transferring it to the fresh air** taken from outside.

An integrated filtration system purifies the **incoming air** by removing **external pollutants** such as pollen and fine dust, **maximising indoor wellness**. What's more, the heat recovery system **maintains comfort levels** and **contains energy consumption**.



Benefit of mechanical ventilation



Oxygen-rich environments



No more smells



Moisture reduction



Stop pollutants



Increased energy
efficiency



Year-round comfort



rdz.it