

REC Duo

expella™

Mini heat recovery system

2RC1100 | 2RC1300

The REC Duo 100 provides continual fresh air at a comfortable temperature. This product utilises two mini Heat Recovery Units that work together to push and pull air. The units incorporate a ceramic heat exchanger that stores the heat from the extracted air during the pull cycle and warms the new fresh air during the push cycle. It is 90% effective at recovering heat from the indoor air whilst supplying fresh air.



Manufacturer:



Warranty:

2 years

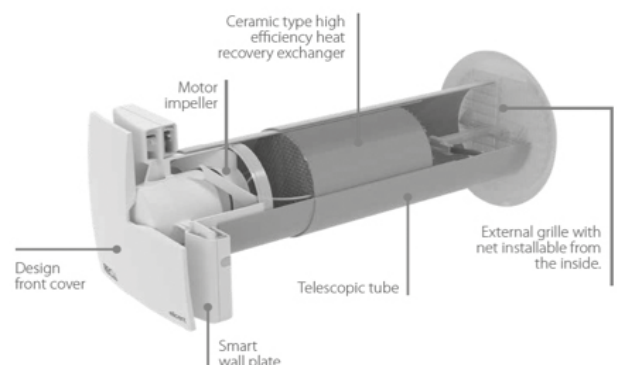
Features and Benefits:

- Provides continual clean fresh air at a comfortable temperature, reducing home heating and cooling costs
- 90% efficient at recovering heat
- Prevents allergens from multiplying within the home and removes pollutants from outside air
- Mitigates dampness and condensation, preventing mould and protecting the home
- Multi speed, low energy consumption EC motor
1 Watt at low speed, 2.8 Watts at high speed

- Compact with ultra-slim front cover
- Quiet operation – 15dBA at low speed
- Remote control operation
- Integrated class G3 air filter

Applications and Installation:

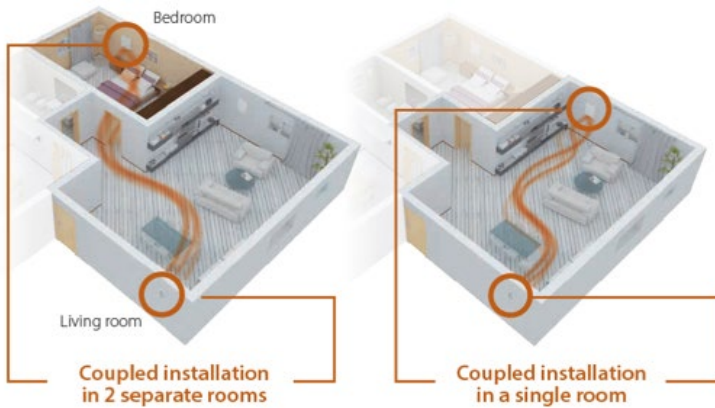
- Suitable for single room or dual room applications in the home
- It is recommended that this product be installed by an industry professional (electrician or air conditioning installer)



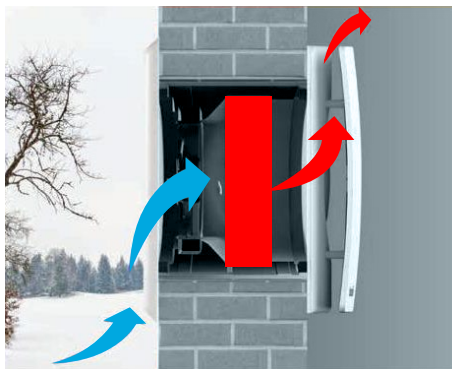
REC Duo

Mini heat recovery system

Applications:



How it works:



MODELS: REC DUO 100 (2RC1100)

The REC Duo 100 is suitable for continuous running (24 hours/day) running in push-pull mode at low speed (selectable between 2 settings at installation).

The unit switches to the maximum extraction mode when activated through separate control switch (not included).

The maximum speed is provided with a timer (adjustable from 0 to 30 minutes). Once concluded the overrun via timer, the fan automatically switches back to the push-pull operation modality at low speed.

REC DUO 100 PLUS (2RC1300)

The REC DUO Plus is suitable for continuous running (24 hours/day) running in push-pull mode at low speed. The speed setting can be adjusted by the end-user.

Boost speed is available in push-pull modality and turns on automatically via humidistat (adjustable from 45 to 85% of R.H) and increases/decreases progressively according to the detected humidity level.

In the event of persistent and high concentration of humidity, the unit automatically switches to the extraction mode. It then switches back to the push-pull operation modality at low speed when the humidity level goes beneath the pre-selected threshold.

The unit is supplied with a remote controller for the selection and activation of advanced comfort ventilation functions through different speed settings.



Remote Control - Included in REC DUO 100 Plus

Technical:

Model	Duct	Wall Thickness	Airflow min/max/only exhaust	V at 50Hz	W min/max/only exhaust	dB(A)*
	Ø (mm)	min max (mm)	m ³ /h			Lp
REC Duo 100 / 100 PLUS RC	107	300 - 500	12 / 30 / 40	230	1 / 2,8 / 3,5	15 / 29

Dimensions:

