

Thermal insulation

11023290

Nano Air® 50 heat recovery CMEV for individual rooms

The heat recovery ventilation solution for individual rooms, which combine healthier air, preservation of the building and savings on heating costs.



PRODUCT BENEFITS

- more ease of installation: no ducts installed in the house.
- more silence: exceptionally low noise level.
- more purified air: through its efficient filter system to remove dust, pollen and insects.

Principles of operation

In Heat Recovery mode, the Nano Air® alternates its operation with two cycles lasting 70 seconds each.

- Cycle I: Warm stale air is removed from the room.
- Cycle II: Fresh air is drawn in from outside, filtered and supplied into the room.

Product description

Compact heat recovery ventilation solution built into the wall to ventilate a room. Fitted with a ceramic heat exchanger, it renews air while recovering heat calories from warm stale air to supply fresh, pre-heated and filtered air.

Fields of application

Multi-occupancy residential housing, Individual residential housing, Refurbishment

Installation

- a round hole of diameter 180 mm must be drilled in the wall to fit the Nano Air® 50.
- the air duct is fitted into the wall using the polystyrene wedges supplied and builders foam.
- the telescopic end of the air duct must enable the outer ventilation grille to be fitted.
- the air duct must provide a minimum slope of 3 mm on the outside wall.

Main characteristics

- 3 speed modes available.
- airflow from 14 m³/h to 54 m³/h.
- 2 pollen filters.
- EC motor.
- ceramic heat accumulator, efficiency up to 88 %.
- control possible using remote control or buttons on product:
 - manually, with three-position selector switches to provide basic functions,
 - with the remote control, for more accurate control (night mode, humidity parameters).
- operating temperature limit:
 - ambient temperature from -20°C to +50°C, relative humidity up to 80%.
- 2-year warranty.

Filters

Description	Variants
Pollen filter Nano® Air (pack of 2)	11023297

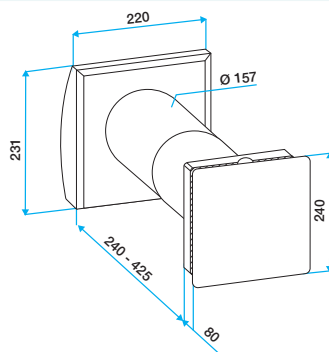
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General data

Variants	Type of motor
11023290	EC



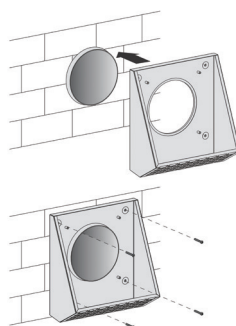
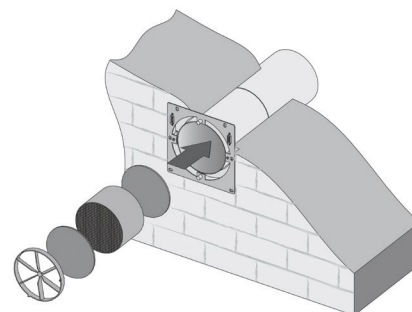
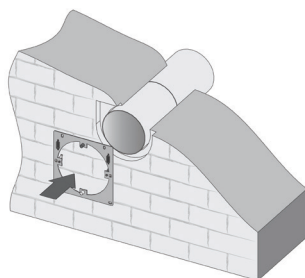
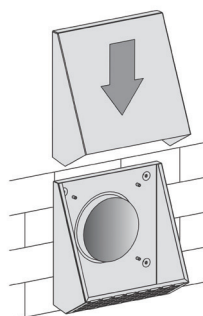
Electrical datas

Variants	Voltage (V)	Frequency (Hz)	Protection rating
11023290	230	50	IP24

Regulatory data

Variants	Ventilation energy class – Average climate
11023290	A

Installation



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Principles of operation

