

Centralised vacuum system

11016060

RMA Ø 200 - 230 V

The RMA associated to an MR covers a peak air needs by switching from a minimum airflow to a maximum airflow and adapting to the conditions of the room.



PRODUCT BENEFITS

- energy savings: dual-airflow solution to adapt to presence in room,
- ready to install: no adjustments required,
- low noise level.

Principles of operation

The RMA damper contains an MR which enables stable control of the airflow. If the RMA is triggered, the damper opens to enable another MR located further away in the circuit to adapt in turn. In this way, the airflow is switched from low to high.

Product description

The RMA is associated with an MR to act as a dual-airflow controller to ensure stable airflow levels. When triggered by a switch, a clock or BMS signal, a thermal actuator will close the damper to pass from minimum airflow to maximum airflow and adapt to room occupancy to ensure good IAQ, high comfort and optimised energy consumption.

Fields of application

Multi-occupancy residential housing, Individual residential housing, New, Refurbishment, Non-residential buildings

Installation

- directly installed between two circular ducts,
- installation direction indicated on component,
- 230 V power supply required,
- the RMA must not be activated for more than 24 hours continuously,
- for connection with e.g. timer switch ref. 11022008
- the RMA D200 + RCC enables a D125 or D160 connection (supplied with 2 RCC)
- Note: the RMA must not be activated for more than 24 hours continuously

Reference arguments

• Solution to toggle from min. airflow to max. airflow to manage the non-occupancy of individual offices, classrooms etc. • D200 • Min. airflow can be selected by control between 15 and 240 m³/h. • In case of 230V power inrush (following command from switch, timer, occupancy detector or BMS), it opens and the airflow is then controlled by an MR in the ducting which ensures maximum airflow. Caution: the RMA must not be powered for more than 24 hours continuously.

Main characteristics

- plastic body M1 fire protection rating,
- silicone control membrane,
- boost airflow activated by thermal piston,
- airflow tolerance:
 - Q average = Q nominal +/- 5 m³/h for MR ≤ 50 m³/h,
 - Q average = Q nominal +/- 10% for MR • 50 m³/h,
- possible to control boost airflow by adding an MR upstream,
- base airflow set according to a pressure range between 50 and 250 Pa
- operating temperatures: 0 / +50°C
- Caution, must not be powered for more than 24 hours continuously.

Accessories

Description	Variants
Timer switch 0-1 hr	11022008

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Options

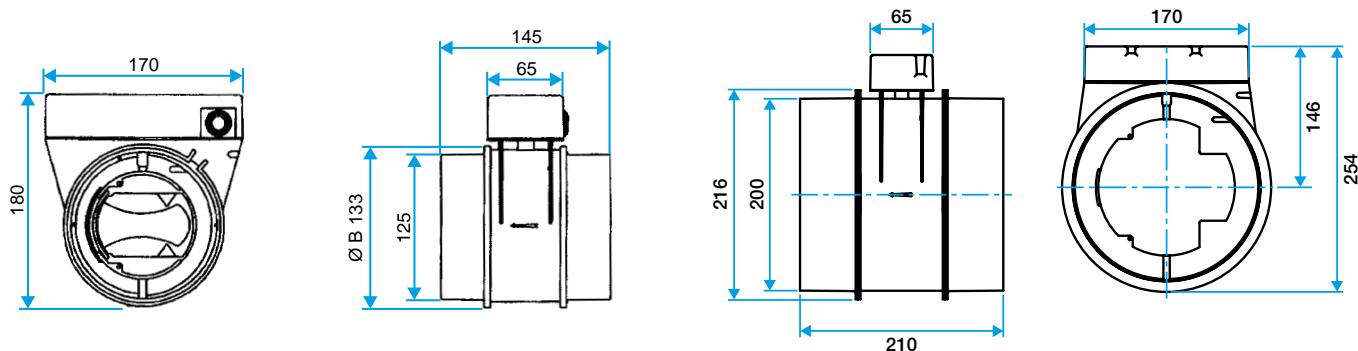
base

General data

Variants	Airflow accuracy
11016060	+/- 10 m³/h (? 100m³/h)+/-10% > 100 m³/h

Dimensional data

Variants	A (mm)	E (mm)	H (mm)	L (mm)	Ø B (mm)	Rated Ø duct (mm)	Weight (kg)
11016060	170	65	254	210	216	200	0,8



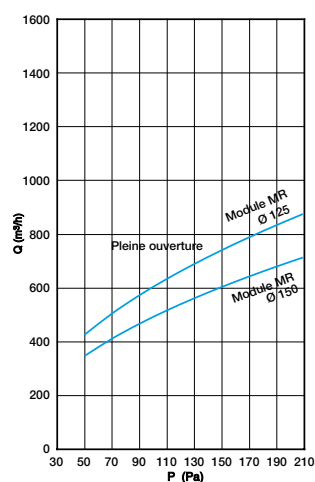
Airflow data

Variants	Airflow range (m³/h)	Pressure range (Pa)
11016060	15-240	50-250

Regulatory data

Variants	Fire protection rating
11016060	M1

Curve



Aerulic curves established in accordance with standard NF-X 10.231