

## Centralised vacuum system

11016308

MR Modulo 100 - 15-90 m<sup>3</sup>/h

The MR Modulo is an airflow regulator which ensures a stable airflow. It can be adjusted on site to control IAQ, comfort and energy savings.



## PRODUCT BENEFITS

- easy to stock: just 1 product for each diameter (except 125 mm) to cover multiple airflow levels,
- low noise level,
- easy and fast to install: multiple positions and adjustments.

## Principles of operation

Using its membrane the MR Modulo maintains a constant airflow in the air supply or extract circuit. The airflow value can easily be adjusted on site using a rotating ring, to cover a wide range.

## Product description

The MR Modulo is an airflow regulator which guarantees a stable airflow whatever the pressure variation, over a wide range of values to prevent over-consumption due to excess airflow, ensure good IAQ and a high level of comfort. Its membrane technology ensures low noise levels. The nominal airflow can be adjusted on site without a tool.

## Installation

- installed directly in the duct,
- installation direction indicated on component,
- horizontal or vertical installation at any angle,
- manual and tool-free adjustment of desired airflow by removing shim and turning rotating ring,
- reserve distance with a grille, T-piece or bend: 1D on extract and 3D on air supply.

## Reference arguments

- Plastic body (M1 fire rating) housing the silicone control membrane in an adjustable calibrated passage.
- support and air tightness provided by peripheral double-lip elastomer seal.
- Tolerance in airflow over operating range: - Q average = Q nominal +/- 5 m<sup>3</sup>/h for MR ≤ 50 m<sup>3</sup>/h, - Q average = Q nominal +/- 10 % for MR • 50 m<sup>3</sup>/h.
- Operating temperatures: -10°C to +60°C
- Certification: UL.

## Main characteristics

- plastic material (M1 fire certification),
- silicone control membrane,
- support and airtight properties using double-lip elastomer seal,
- airflow tolerance over operating pressure range:
  - Q average = Q nominal +/- 5 m<sup>3</sup>/h for MR ≤ 50 m<sup>3</sup>/h,
  - Q average = Q nominal +/- 10 % for MR • 50 m<sup>3</sup>/h,
- temperature range: -10°C / +60°C.

## Accessories

Description	Variants
Window sleeve Ø 100 mm	11013121

## General data

Variants	Airflow accuracy
11016308	+/- 5 m <sup>3</sup> /h > 50 m <sup>3</sup> /h +/- 10% Q <sub>max</sub> > 50 m <sup>3</sup> /h

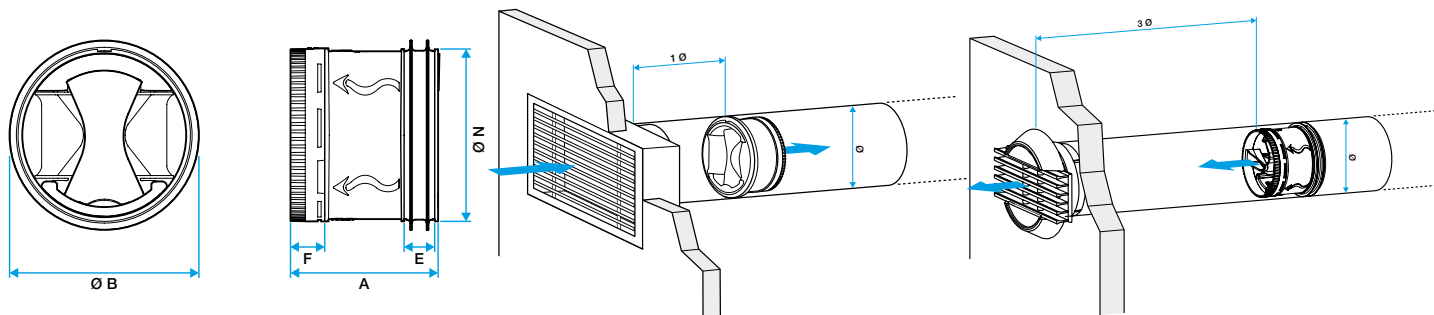
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#### Dimensional data

Variants	A (mm)	E (mm)	F (mm)	Ø B (mm)	Ø N (mm)	Rated Ø duct (mm)	Weight (kg)
11016308	70	14	13	105	92	100	0,12



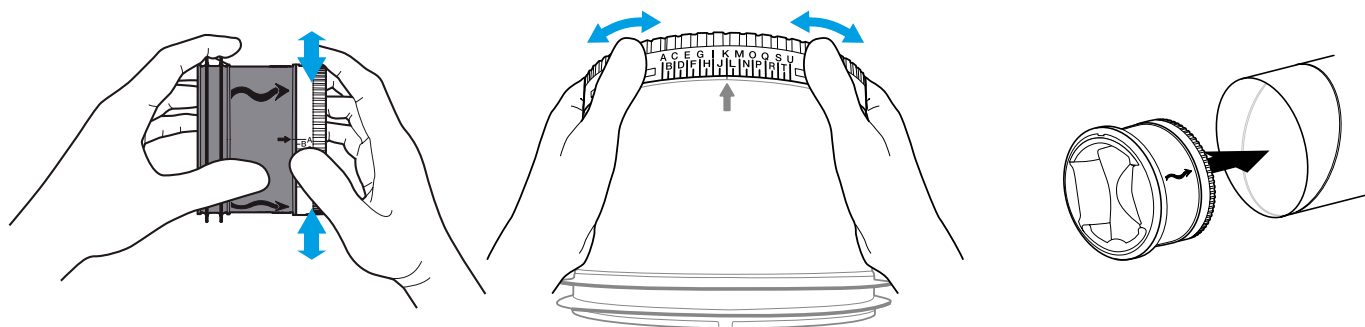
#### Airflow data

Variants	Airflow range (m <sup>3</sup> /h)	Pressure range (Pa)
11016308	15-90	50-250

#### Regulatory data

Variants	Fire protection rating
11016308	M1

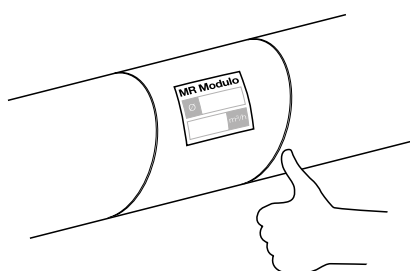
#### Installation



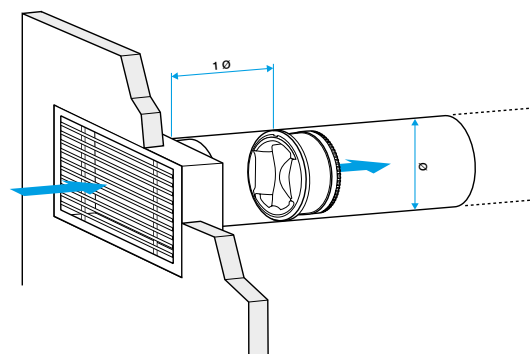
Réglage MR Modulo

Réglage MR Modulo

Installation 360°



Pose de l'étiquette du MR Modulo sur le conduit



Distance de réserve à l'extraction