Centralised vacuum system

11016235
MR Mono Ø 100 - 15 m3/h

The MR Mono is an airflow regulator which ensures a stable airflow to control IAQ, comfort and energy savings in a room.

PRODUCT BENEFITS

- ready for installation: no adjustments required,
- easy and rapid to install: multiple positions (horizontal vertical, any angle),
- low noise level.

Principles of operation

Using its membrane, the MR Mono maintains a constant airflow in the air supply circuit or extract circuit, whatever the pressure variation over its operating range.

Product description

The MR Mono is an airflow regulator which guarantees a stable airflow whatever the pressure variation, to prevent over-consumption due to excess airflow, ensure good IAQ and a high level of comfort. its membrane technology ensures low noise levels.

Fields of application

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

Installation

- installed directly in the duct,
- installation direction indicated on component,
- horizontal or vertical installation at any angle,
- reserve distance with a grille, T-piece or bend: 1D on extract and 3D on air supply.

Main characteristics

- plastic body (M1 fire protection rating),
- silicone control membrane,
- support and airtight properties using double-lip elastomer seal,
- operating pressure:

- 50-200 Pa up to Ø125
- 50-250 Pa beyond Ø150,

- tolerance in airflow over operating range:

- Q average = Q nominal +/- 5 m3/h for MR ≤ 50 m3/h,
- Q average = Q nominal +/- 10 % for MR Mono • 50 m3/h (except MR Mono Ø80, Ø100 and Ø125: +/-15% Q nominal)

- operating temperatures: -10°C to +60°C

General data

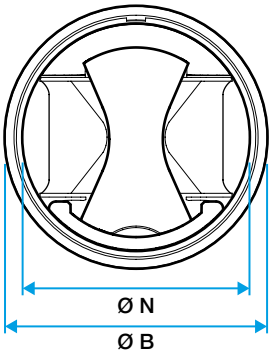
Variants	Airflow accuracy
11016235	+/- 5 m³/h

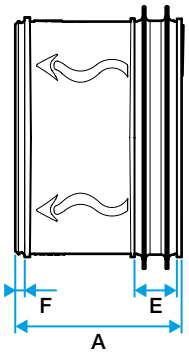
Centralised vacuum system

11016235
MR Mono Ø 100 - 15 m3/h

Dimensional data

Variants	A (mm)	E (mm)	F (mm)	Ø B (mm)	Ø N (mm)	Rated Ø duct (mm)	Weight (kg)
11016235	61	14	4	105	92	100	0,1





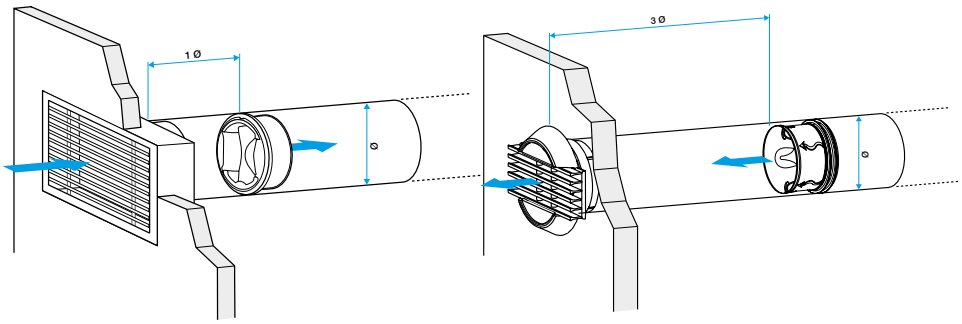
Airflow data

Variants	Airflow (m³/h)	Pressure range (Pa)
11016235	15	50-250

Regulatory data

Variants	Fire protection rating
11016235	M1

Installation



MR à l'extraction

MR au soufflage

Installation 360°