

Centralised vacuum system

11016242
MR MONO D100 50m³/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
11016242	+/-5 m ³ /h

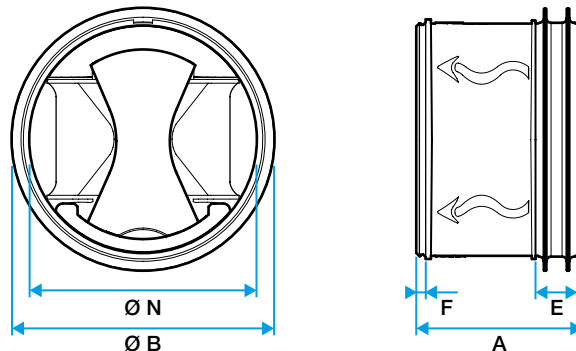
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Dimensional data

Variants	A (mm)	E (mm)	F (mm)	Ø B (mm)	Ø N (mm)	Rated Ø duct (mm)
11016242	61	14	4	105	92	100



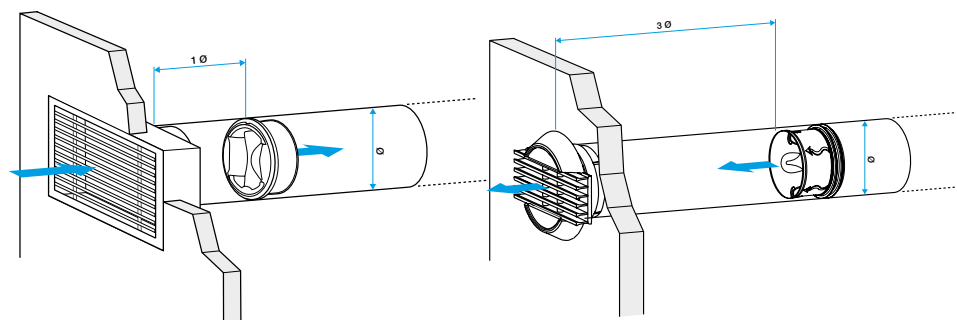
Airflow data

Variants	Airflow (m ³ /h)	Pressure range (Pa)
11016242	50	50-200

Regulatory data

Variants	Fire protection rating
11016242	M1

Installation



MR à l'extraction

MR au soufflage

Installation 360°