

Centralised vacuum system

11016299

MR Mono Ø 200 - 400 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.

Reference arguments

- The MR Mono D200 is the ideal solution to maintain a stable airflow at 400 m³/h whatever the pressure variation and across a wide pressure range
- Low noise level
- Extraction or supply
- Installed in vertical or horizontal duct at any orientation
- Plastic body (M1 fire rating) housing the silicone control membrane
- Support and air tightness provided by peripheral double-lip elastomer seal
- Operating temperatures: -10°C to +60°C
- Spacing required: 1xØ for extraction and 3xØ for supply
- Made in France

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

Accessories

| Description | Variants |
|------------------------|----------|
| Window sleeve Ø 200 mm | 11013125 |

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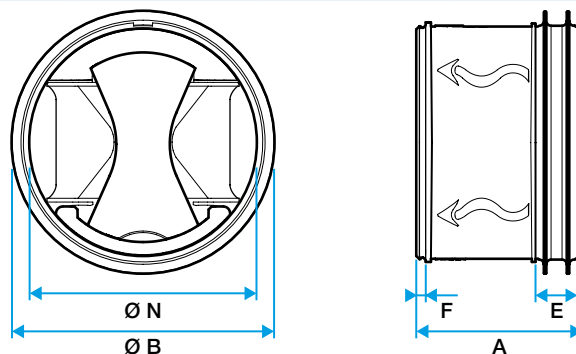
MR Mono Ø 200 - 400 m3/h

General data

| Variants | Airflow accuracy |
|----------|------------------|
| 11016299 | +/- 10% |

Dimensional data

| Variants | A (mm) | E (mm) | F (mm) | Ø B (mm) | Ø N (mm) | Rated Ø duct (mm) | Weight (kg) |
|----------|--------|--------|--------|----------|----------|-------------------|-------------|
| 11016299 | 130 | 20 | 7 | 210 | 190 | 200 | 0,6 |



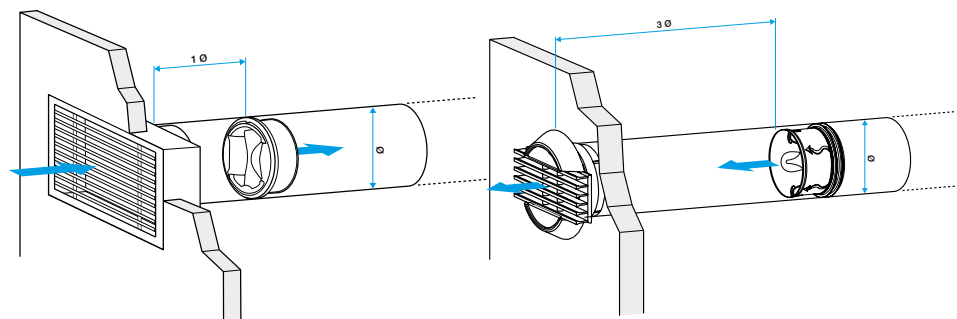
Airflow data

| Variants | Airflow (m³/h) | Pressure range (Pa) |
|----------|----------------|---------------------|
| 11016299 | 400 | 50-250 |

Regulatory data

| Variants | Fire protection rating |
|----------|------------------------|
| 11016299 | M1 |

Installation



MR à l'extraction

MR au soufflage

Installation 360°