Centralised vacuum system



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  $\leq$  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

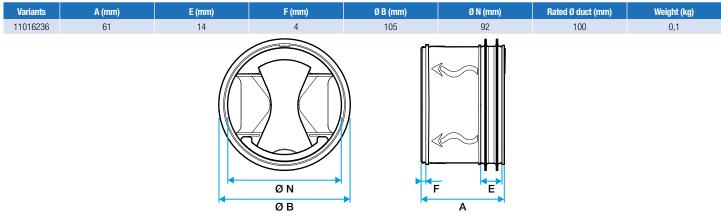
### **General data**

| Variants | Airflow accuracy |
|----------|------------------|
| 11016236 | +/- 5 m³/h       |

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# 11016236 MR Mono Ø 100 - 20 m3/h

### **Dimensional data**



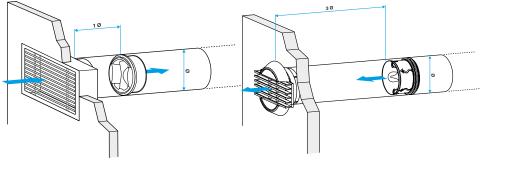
#### **Airflow data**

| Variants  | Airflow (m³/h) | Pressure range (Pa) |
|-----------|----------------|---------------------|
| 11016236  | 20             | 50-250              |
| Develoter | , data         |                     |

### **Regulatory data**

| Variants | Fire protection rating |  |
|----------|------------------------|--|
| 11016236 | M1                     |  |

## Installation



MR à l'extraction

MR au soufflage

Installation 360°