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.

#### **Reference arguments**

• The MR Mono D125 is the ideal solution to maintain a stable airflow at 85 m<sup>3</sup>/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  $\leq$  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**

11016261 +/- 15%	

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# 11016261 MR MONO D125 85 m<sup>3</sup>/h

## **Dimensional data**

Variants	A (mm)	E (mm)	F (mm)	Ø B (mm)	Ø N (mm)	Rated Ø duct (mm)	Weight (kg)
11016261	61	14	4	132	116	125	0,14
			ØN ØB				

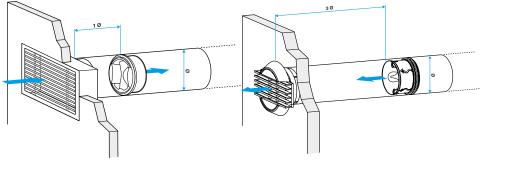
## **Airflow data**

Variants	Airflow (m³/h)	Pressure range (Pa)			
11016261	85	50-200			
Downletowy data					

#### **Regulatory data**

Variants	Fire protection rating
11016261	M1

# Installation



MR à l'extraction

MR au soufflage

Installation 360°