#### **Centralised vacuum system**

# 11016249 MR Mono Ø 100 - 85 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  $\leq$  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**

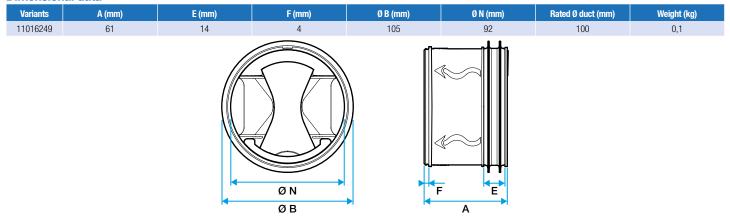
Var	riants	Airflow accuracy
1101	016249	+/- 15%



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# **Dimensional data**



## **Airflow data**

Variants	Airflow (m³/h)	Pressure range (Pa)
11016249	85	50-250

# **Regulatory data**

Variants	Fire protection rating	
11016249	M1	

## Installation

