Centralised vacuum system

11016395
MR Max Ø 315

The MR Max is an airflow regulator which ensures a stable airflow that can be adjusted up to high pressure. It can be adjusted on site to control IAQ, comfort and energy savings.

PRODUCT BENEFITS

- on-site adjustment easy to access from outside,
- wide scope of use: large diameter, high airflow, high pressure,
- energy savings: stable and low leakage (class C).

Principles of operation

The MR Max features a spring damper to maintain a constant airflow in the ducting system up to a pressure of 1000 Pa for air supply or extract applications. The airflow setting is adjustable on site from outside the duct using a key.

Product description

The MR Max is an airflow regulator which guarantees a stable airflow whatever the pressure variation, over a wide range of values including high pressure, to prevent over-consumption due to excess airflow, ensure good IAQ and a high level of comfort. It can be easily adjusted on site.

Fields of application

New, Refurbishment, Non-residential buildings

Installation

- possible to adjust nominal airflow from outside using Allen key SW2,
- directly installed between two circular ducts,
- installation direction indicated on component,
- horizontal or vertical installation.

Reference arguments

- Galvanised steel plate body
- Male connection with crimped seals.
- Airflow tolerance: - Q average = Q nominal +/- 10 m3/h for Q nominal ≤ 100 m³/h, - Q average = Q nominal +/- 10 % for Q nominal • 100 m³/h.
- Operating temperatures: -30°C to +100°C
- Airtight performance: Class C.
- Certified VDI 6022.
- Insulated version on request.

Main characteristics

- galvanised steel body,
- male connector with crimped seals,
- Class C airtight properties as per EN 1751,
- airflow tolerance:

- Q average = Q nominal +/- 10 m3/h for Q nominal ≤ 100 m3/h,
- Q average = Q nominal +/- 10% for Q nominal • 100 m3/h,

- operating temperatures: -30°C / +100°C,
- certified VDI 6022.
- insulated version (on request)
- a control device comprising:

- an aluminium damper
- a spring and stainless steel pin fitted to PTFE bearings (polytetrafluoroethylene)

- an adjustment device, made of transparent plastic.

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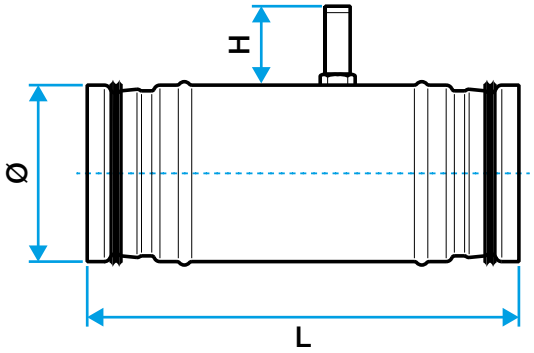
General data

Variants	Airflow accuracy
11016395	+/- 10 m³/h (≤ 100m³/h) +/- 10% > 100 m³/h (bei der Luftgeschwindigkeit > 4m/s)

Dimensional data

Variants	H (mm)	L (mm)	Rated Ø duct (mm)	Weight (kg)
11016395	110	345	315	5



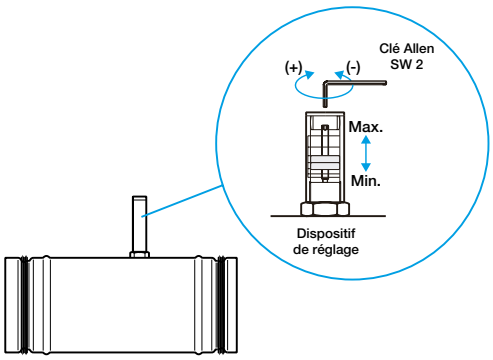
Airflow data

Variants	Airflow range (m³/h)	Pressure range (Pa)
11016395	800-2.800	50-1000

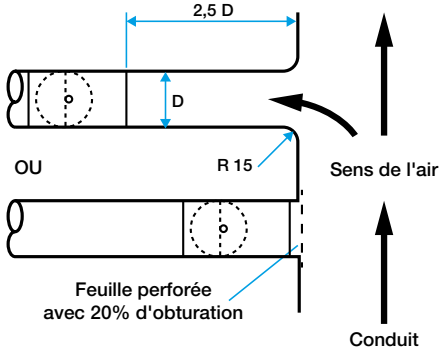
Regulatory data

Variants	Fire protection rating
11016395	A1

Installation



Distance de réserve MR Max



Réglage du MR Max