

Axial heat and smoke exhaust fan**11017031**
VAV CIRC + MOT D125

The VAV enables precise airflow adjustment based on a signal whatever the pressure variation, to adapt the quantity of air to actual needs.

**PRODUCT BENEFITS**

- precise adjustment of airflow,
- easy to adjust on site, remote control.

Principles of operation

Based on a 0-10V or 2-10V signal, the VAV will adjust the airflow precisely over a wide airflow range, thanks to its built-in pressure taps. The minimum and maximum airflow settings can be adjusted on site using a screen and two buttons.

Product description

The VAV is an airflow control system which will adjust the airflow according to an external signal (sensor, BMS, etc.). Its built-in pressure sensors maintain the airflow according to the signal, whatever the variations in pressure. In this way, the airflow corresponds to actual needs for greater comfort, IAQ and energy savings.

Fields of application

New, Refurbishment, Non-residential buildings

Installation

- directly installed between two circular ducts,
- installed horizontally or vertically,
- airflow direction indicated on component,
- adjustment of min./max. airflow on site,
- 24V AC power supply.

Reference arguments

- Galvanised steel body and damper.
- Screen display for easy reading of airflow values to make adjustments easier.

Main characteristics

- galvanised steel body and flap,
- sealed damper: class 3 airtight performance upline/downline as per EN 1751,
- class B airtight properties as per EN 1751.

Accessories

Description	Variants
Sens CO2 sensor	11017090

General data

Variants	Airflow accuracy
11017031	5% (>1 m/s)

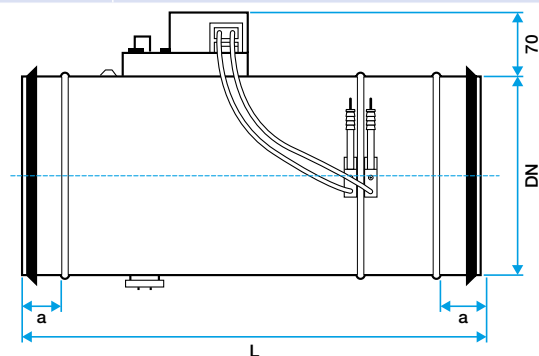
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Dimensional data

Variants	L (mm)	Ø (mm)	Weight (kg)
11017031	400	125	1,7



Airflow data

Variants	Airflow range (m³/h)	Pressure range (Pa)
11017031	88-331	30-300

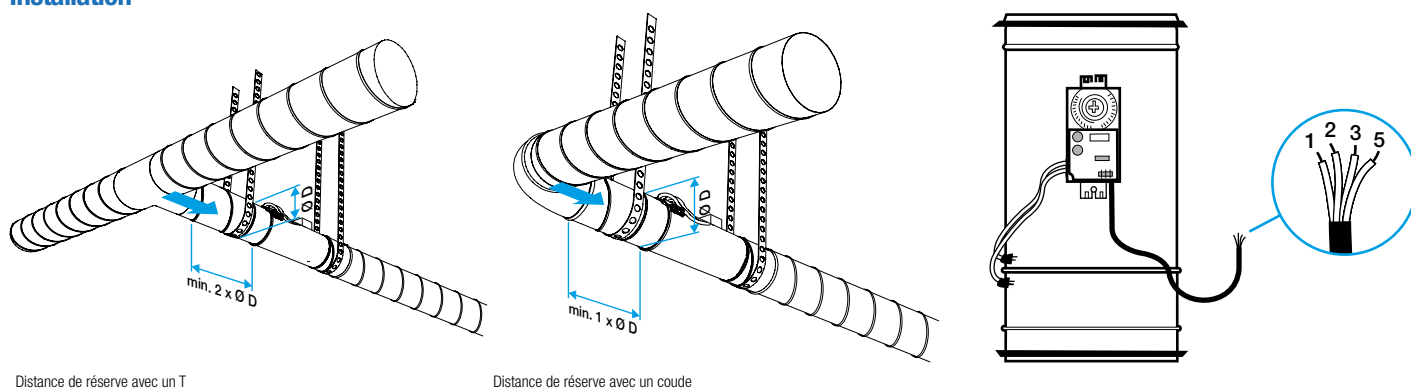
Electrical datas

Variants	Voltage (V)	Frequency (Hz)	Protection current (A)	Power consumption	Power supply
11017031	24	50/60	6	4,5	Single-phase

Regulatory data

Variants	Fire protection rating
11017031	A1

Installation



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