

Axial heat and smoke exhaust fan**11017041
VAV CIRC INSULATED+ MOT D160**

The insulated 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,
- low noise level: 50 mm insulation.

Principles of operation

Based on a 0-10V or 2-10V signal, the insulated AV 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. Lastly, the insulation reduces radiated noise.

Fields of application

New, Refurbishment, Non-residential buildings

Installation

- installed directly between two circular ducts,
- installed horizontally or vertically,
- airflow direction indicated on component,
- adjustment of min./max. airflow on site,
- 24V AC DC 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,
- product offers class B airtight properties in accordance with EN 1751,
- 50 mm insulation,
- motor with screen displaying airflow values and 2 buttons for on-site adjustment,
- operates using presence sensors or CO2 sensors, or via a thermostat.

Accessories

Description	Variants
Sens CO2 sensor	11017090

General data

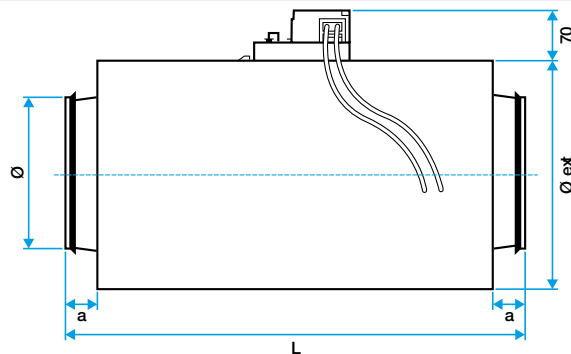
Variants	Thickness of insulation (mm)	Airflow accuracy	Insulation material
11017041	50	5% (>1 m/s)	Mineral wool

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Dimensional data

Variants	L (mm)	Ø (mm)	Ø external (mm)	Weight (kg)
11017041	400	160	260	3,4



Airflow data

Variants	Airflow range (m³/h)	Pressure range (Pa)
11017041	145-543	30-300

Electrical datas

Variants	Voltage (V)	Frequency (Hz)	Protection current (A)	Power consumption	Power supply
11017041	24	50/60	6	4,5	Single-phase

Regulatory data

Variants	Fire protection rating
11017041	A1

Installation

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