Duct fan

11032005
VC 100

This small duct fan supports the main fan unit on a highly-resistant system.

VC

PRODUCT BENEFITS

- airflow up to 2,360 m3/h,
- in-line connections,
- backward curve impeller.

REGLEMENTATIONS AND COMPLIANCES

Technical Opinion no. : 14.5/16-2185_V2

Principles of operation

Duct fan for air supply or exhaust on circular ducting for commercial and industrial premises.

Product description

The VC duct fan can work in both directions, air supply or exhaust. Its in-line connections means it can be seamlessly integrated into a circular ducting system.
Its galvanised steel body offers protection against corrosion. A centrifugal impeller improves its power consumption.
Thermal protection is built into the external rotor motor winding for greater safety.
This small duct fan can be installed in a duct section to support the main fan unit on a highly-resistant system.
The interest of these fans is that the airflow is linear for maximum simplification of the ducting system, while equipped with centrifugal impellers.

Fields of application

Non-residential buildings

Installation

- horizontal / vertical,
- suspended ceiling / equipment room,
- recommended to install with anti-vibration collars to prevent transmission of vibrations and make servicing easier.

Reference arguments

Application:
- Air supply or exhaust in 100 mm duct

Description:
- Galvanised steel fan with in-line connection
- Centrifugal impeller
- Motor with external rotor single-phase 230 V - 50 Hz and 60 Hz - IP44
- Thermal protection built into motor winding

Main characteristics

- 6 models, up to 2,360 m3/h via Ø 315,
- galvanised sheet body with in-line connections,
- centrifugal impeller,
- single-phase external-rotor motor 230 V - 50 Hz (and 60 Hz except VC 315),
- IP 44,
- thermal protection built into motor winding.

Accessories

References
11086013
11086572

General data

References	Type of motor
11032005	AC

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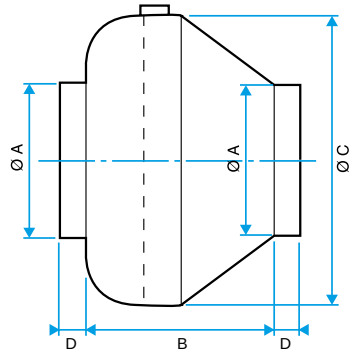
Dimensional data

References	A (mm)	B (mm)	C (mm)	D (mm)	Weight (kg)
11032005	100	188	288	30	2,1



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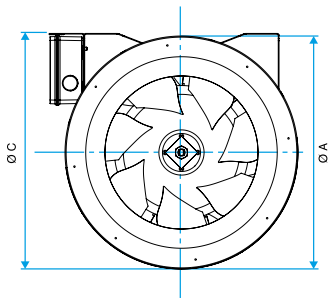
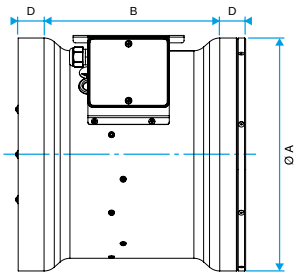




VC-315

Airflow data

References	Airflow (m³/h)	Max. airflow (m³/h)
11032005	250	250

Acoustic data

References	Sound pressure at 3 m (dB(A))
11032005	56

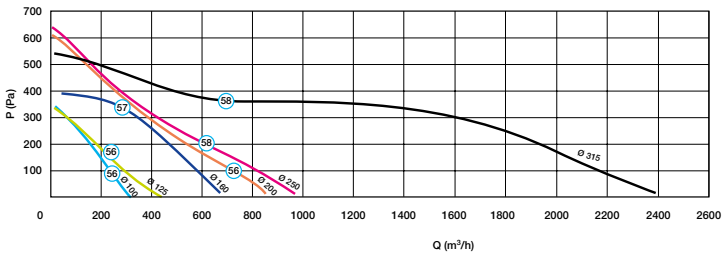
Electrical datas

References	Capacitor (µF)	Frequency (Hz)	Protection rating	Max. current (A)	Voltage (V)	Max. power
11032005	2	50/60	IP44	0,24	230	56

Regulatory data

References	Electrical insulation class
11032005	Class 2

Curve



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