VOLTVENT®
VENTILATION SYSTEMS

VCCD SERIES

Ceiling-mounted air cleaners

VCCD

G4 / H13 HEPA

CEILING INTEGRATION



1200
Nominal airflow / m^3/h at 0 Pa

01
Model in the range

50 Hz
Supply frequency

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01 / PRODUCT & TECHNICAL DATA

Ceiling integration. Two-stage filtration.



01 Ceiling-mounted construction

Compact air cleaner with a galvanized-steel cabinet, aluminium impeller and a removable front grille.

02 G4 and H13 HEPA

The G4 dust prefilter protects the H13 HEPA filter from coarse dust. Both stages are accessible through the removable front grille.

03 Access below the unit

Allow access below the ceiling for grille and filter maintenance. Coordinate the ceiling interface and duct connection with the dimension drawing.

STANDARD FILTER STAGES

G4 dust prefilter → **H13 HEPA filter**

Functional filter sequence; component positions are schematic.

VCCD 13 / PUBLISHED TECHNICAL DATA

Model	Supply V	Power W	Speed rpm	Nominal Q / 0 Pa m³/h	Noise* dB(A)
VCCD 13	230	250	2362	1200	58

IP44 / class F

Motor protection / insulation

-20 to +50 °C

Working temperature

* Noise reference only. Acoustic quantity, measurement distance and octave-band data are not supplied.

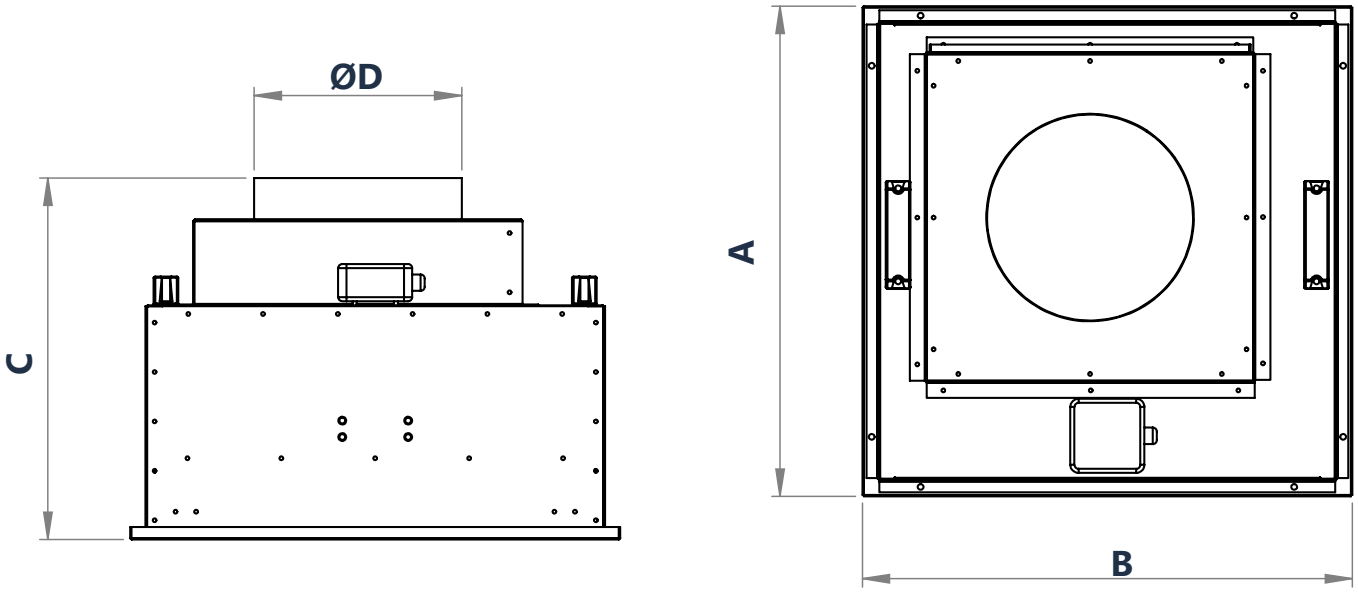
Nominal airflow only at 0 Pa. Pressure curves are not supplied; verification of the installed duty is required.

02 / DIMENSIONS

Fit the ceiling and duct connection.

PRODUCT OUTLINE / VCCD 13

All dimensions in mm



Model	A	B	C	ØD
VCCD 13	595	595	440	250

CEILING INTERFACE

Coordinate the support.

Use the overall dimensions with the detailed project drawings. Confirm the ceiling interface, support arrangement and duct connection before installation.

GRILLE AND FILTER ACCESS

Keep access from below.

Allow space below the unit for removal of the front grille and maintenance of both filter stages. Keep this access clear after the ceiling is finished.

The original outline is representative and is not drawn to scale. A/B/C are overall dimension references; ØD identifies the circular duct connection.

03 / INSTALLATION & ELECTRICAL

Connect and maintain the specified unit.

SUPPLY AND AVAILABLE ELECTRICAL DATA

Supply / parameter	VCCD model or available information
Mains reference	230 V / 50 Hz; VCCD 13
Phase count	Not specified in current data
Rated current	Not supplied
Mass	Not supplied
Electrical connection diagram	Not supplied for this series

Use the supplied unit nameplate and its connection instructions for final installation. Catalogue voltage alone does not establish the phase count or terminal arrangement.

NOMINAL AIRFLOW & PRESSURE BASIS

Performance reference	Available data
Nominal airflow reference	1200 m^3/h at 0 Pa
Pressure curves	Not supplied
Installed duty pressure	Verification required

FILTER MAINTENANCE

Keep both stages accessible.

The G4 prefilter protects the H13 HEPA stage from coarse dust. Retain the specified filter set, keep grille access clear and confirm replacement-filter dimensions for the selected unit. Verify the required airflow against actual filter and duct resistance; the nominal 0 Pa rating does not establish the installed operating point.

VCCD

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