

DVS - DVC

Absolute self-ventilating terminal hoods

Product	DVS - DVC
Filtration	series DELTA AB absolute filters
EN 1822 Class	H 14
EN 779 Class	G 4 prefilter
Maximum operating temperature	40 °C
Maximum relative humidity	80%
ISO 14.644.1 air clean liess class	class 5 or upper
Construction material	Aluminium

DVS, DVC fan filter units are at the same time diffusion terminals, terminal hoods for absolute filters and independent fan units.

This versatility makes them particularly interesting where the creation of a traditional systems would be too expensive or difficult from a technical standpoint.

They are the perfect solution to the increasing demand for controlled contamination, low cost and rapid installation areas.

There are two different types:

- DVS model with extraction of absolute filter from the false ceiling

- DVC model with extraction of absolute filter from the clean room

On request, it is possible to have a version with flow self-adjusting fan for both models (DVS-DVC...ECM).

This type of technology allows for an exchange of data between an electronic board inside the motor and a small electronic module fixed to the motor itself.

This interchange of data allows for the automatic adjustment of the flow according to a variation of the pressure.

Applications The DVS-DVC terminals are installed to create controlled contamination areas such as: clean rooms, sterile rooms, laboratories, industry departments which require high air cleanliness levels.

Installation The installation of this type of terminal is simple and quick on false ceilings. All the models not ECM include a speed adjuster assembled on the machine.

Type	Sizes (mm)					Air flow rate 0,45 m/s		Size of pre-filter (mm)					Filter sizes (mm)				
DVS/...	A		B		C	m³/h	m³/sx10 ⁻³ *	A		B		C	A		B		C
602	602	x	602	x	330	550	153	400	x	400	x	48	600	x	600	x	240
1206	602	x	1206	x	330	1130	314	400	x	400	x	48	600	x	1200	x	240

Code DVS/...ECM Version with motor and flow self-adjuster.

DVC/...																	
602	602	x	602	x	330	500	139	400	x	400	x	48	525	x	525	x	68
1206	602	x	1206	x	330	1100	306	400	x	400	x	48	525	x	1130	x	68
687	687	x	687	x	420	600	167	400	x	400	x	48	610	x	610	x	68
1296	687	x	1296	x	420	1200	334	400	x	400	x	48	610	x	1219	x	68

Codice DVC/...ECM Version with motor and flow self-adjuster.

*1 m³/s x 10⁻³ = 1 l/s

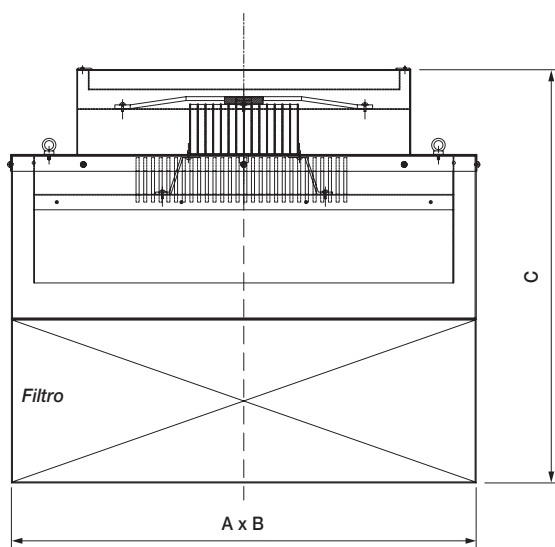
Options on request

Construction made of AISI 304 stainless steel

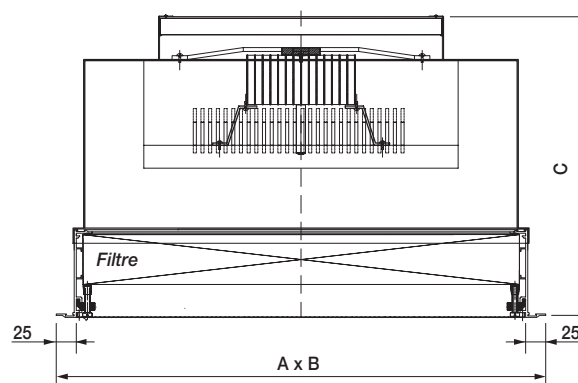
Filters with efficiency U15-U16 (ULPA) according to EN 1822 are available.

Size

DVS



DVC



DVS - DVC

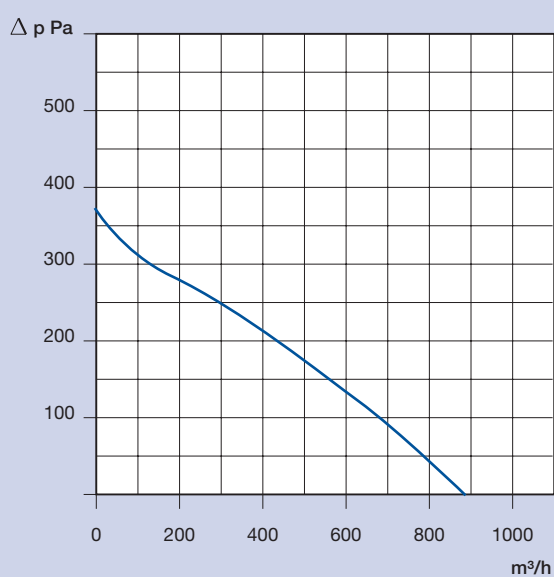
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Centrifugal fans technical features

Dimension ø (mm)	Voltage VAC	Frequency Hz	Air flow rate m³/h	Velocity min ⁻¹	Installed power W	Adsorbed current A	Sound pressure level dB(A)	Room temperature °C
220	230	50	860	2600	85	0,38	73	40
280	230	50	2110	2700	225	1,00	76	40

Typical curves

Fan ø 220



Fan ø 280

