



High-temperature centrifugal fan with closed fan wheel that is used at source extraction from air pollutant or chip making work processes. The transported air may not contain adhesive or sticky fumes or dust.

Work area:

Max. pressure: 3,100Pa

Max. air volume: 10,500m³/h

Max. dust volume: 5g/m³, non-sticky

Max. particle size: 5x5x5mm, non-sticky

Temperature: Extracted air (transport air in fan) = max. 200°C

Ambient temperature: max. 30°C

Fan order no.	Achieved efficiency	Measurement category	Efficiency category	Efficiency grade	VSD	Production year	Manufacturer page	Model number/type	Rated motor power input, flow rate and vacuum at optimal efficiency			Rpm.	Specific ratio	Disposal page	Environment page	Mounting measurement page
									kW	m³/h	Pa (Ps)					
03 384 000	61,5	D	Total	■	NO	CE-mark	0.B4	VE 2200-C2	2,56	3257	1705	2853	1,02	0.B4	0.B4	0.B4
03 386 000	59,9	D	Total	■	NO	CE-mark	0.B4	VE 3000-C2	2,99	3596	1760	2929	1,02	0.B4	0.B4	0.B4
03 388 000	55,7	D	Total	■	NO	CE-mark	0.B4	VE 4000-C2	4,23	4668	1780	2929	1,02	0.B4	0.B4	0.B4
03 390 000	58,0	D	Total	■	NO	CE-mark	0.B4	VE 5500-C2	6,07	4741	2620	2936	1,03	0.B4	0.B4	0.B4
03 392 000	57,0	D	Total	■	NO	CE-mark	0.B4	VE 7500-C2	5,95	4383	2735	2951	1,03	0.B4	0.B4	0.B4

■ No approved according to EU327/2011 ERP 2015

May be mounted on clean air side of Gram filter units as transport fan according to EU 327/2011 and EN 13349/2010

Construction:

Radial fan with closed fan wheel mounted in welded steel cabinet and with directly coupled motor. Equipped with cooling disc for high-temperature operation.

Model: C (Transport of dust)

Wheel: Fan wheel type P-G, closed wheel with backward straight, self-cleaning blades
Static/dynamically balanced according to ISO 14694 (BV3 G 6.3)

Housing: Welded in 2mm steel plate

Fan housing can be mounted with various inlet positions (RD0, RD90, RD180, RD270)

Standard enamelling:

Powder enamelled for indoor mounting (RAL 5007), for outdoor placement galvanizing is also recommended

Motor: IE3, B5 flange motor without bimetallic sensor

3x400V 50Hz (three-phased motors can be frequency regulated)

Fan type VE-T-C is also available galvanized and spark-protected (copper ring in inlet)

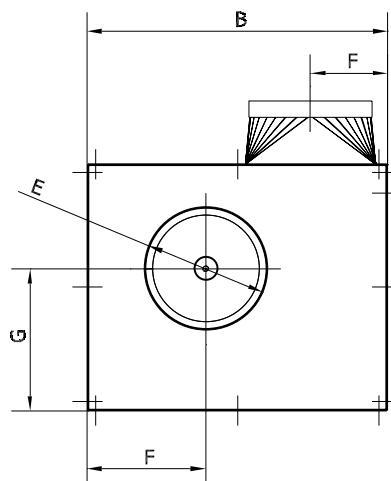
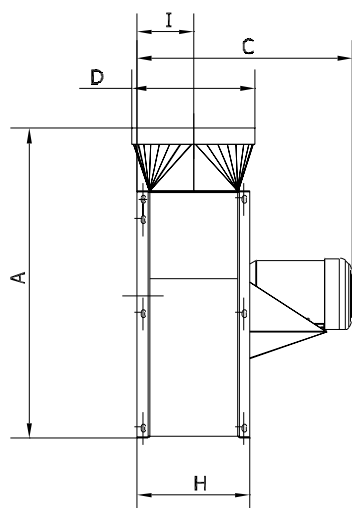
Constructed and tested according to:

- Machine Directive 2006/42/EU
- Electromagnetic Compatibility (EMC) Directive 2004/108/EU
- Low Voltage (LVD) Directive 2014/35/EU
- Harmonized standards: EN 12100, EN 60204-1, EN ISO 13857, ISO 12499
- Further standards: ISO 3746, ISO 5801
- As well as: EU Regulation no. 327/2011 (ERP 2013 and 2015)

Type	Order no.	Volt [V]	[rpm.]	[kW]	Rated current (Amp)	Start current [I_L/I_N]	Weight [kg]
VE-T 2200-C2	03 384 200	3x400	2-pole	2.20	■	■	60
VE-T 3000-C2	03 386 200	3x400	2-pole	3.00	■	■	69
VE-T 4000-C2	03 388 100	3x400	2-pole	4.00	■	■	95
VE-T 5500-C2	03 390 200	3x400	2-pole	5.50	■	■	115
VE-T 7500-C2	03 392 200	3x400	2-pole	7,50	■	■	129

■ See section "General information" conc. electro motors

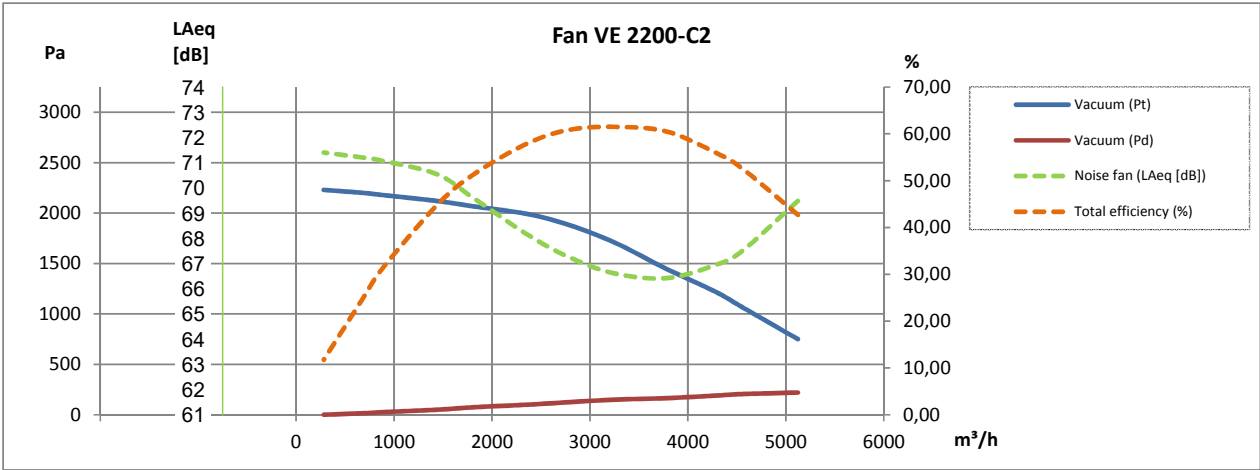
Motor data $\geq 0.75\text{kW}$, 3x400V, according to IE3-motors.



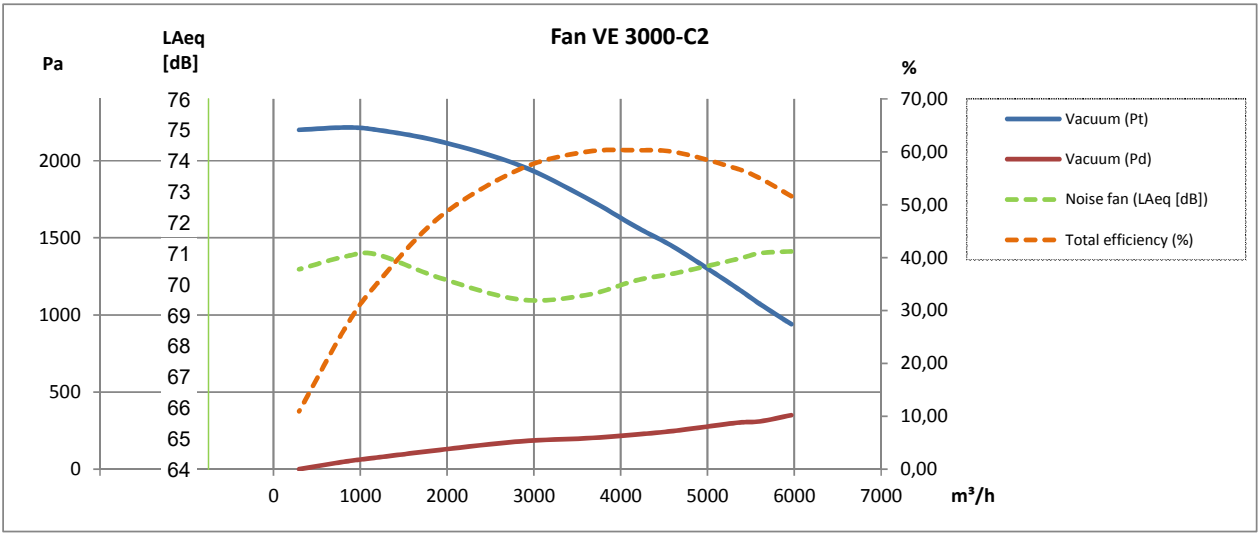
Type	Order no.	A	B	C	D	E	F	G	H	I
VE-T 2200-C2	03 384 200	780	767	543	ø315	ø315	302	363	288	144
VE-T 3000-C2	03 386 200	780	767	647	ø315	ø315	302	363	213	156
VE-T 4000-C2	03 388 100	903	859	616	ø400	ø400	372	408	318	159
VE-T 5500-C2	03 390 200	903	891	702	ø500	ø500	372	408	344	172
VE-T 7500-C2	03 392 200	903	891	777	ø500	ø500	372	408	382	191

Please, note: Connection measurements are nipple measurements

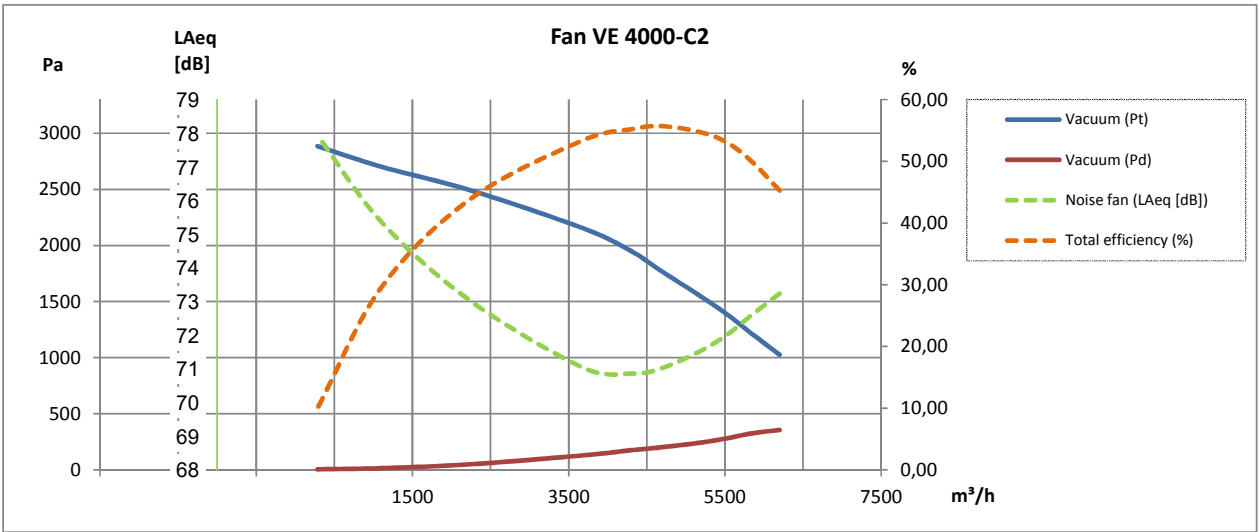
2-pole:



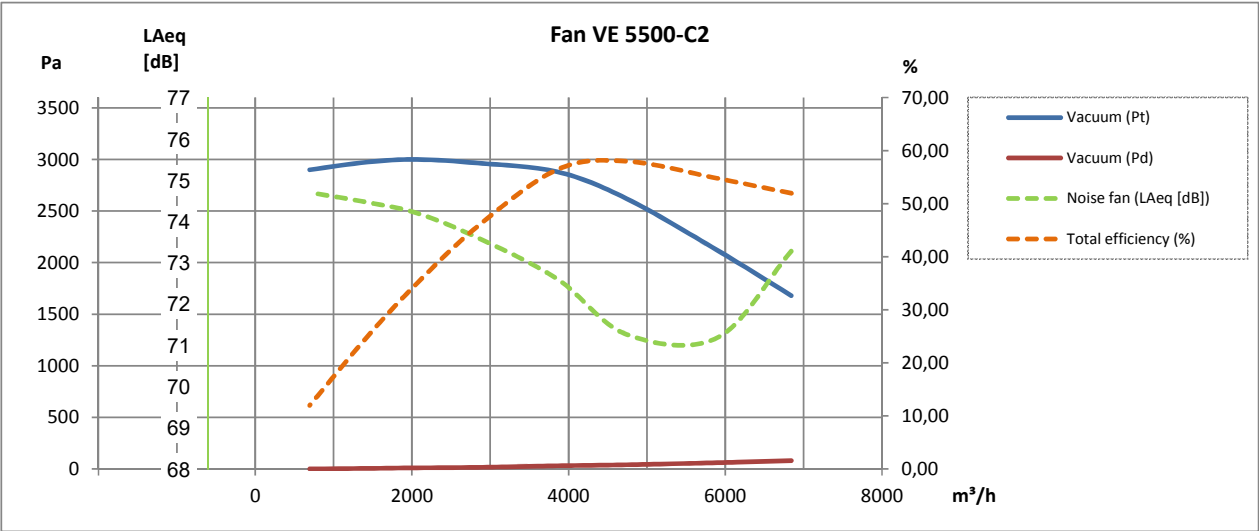
2-pole:



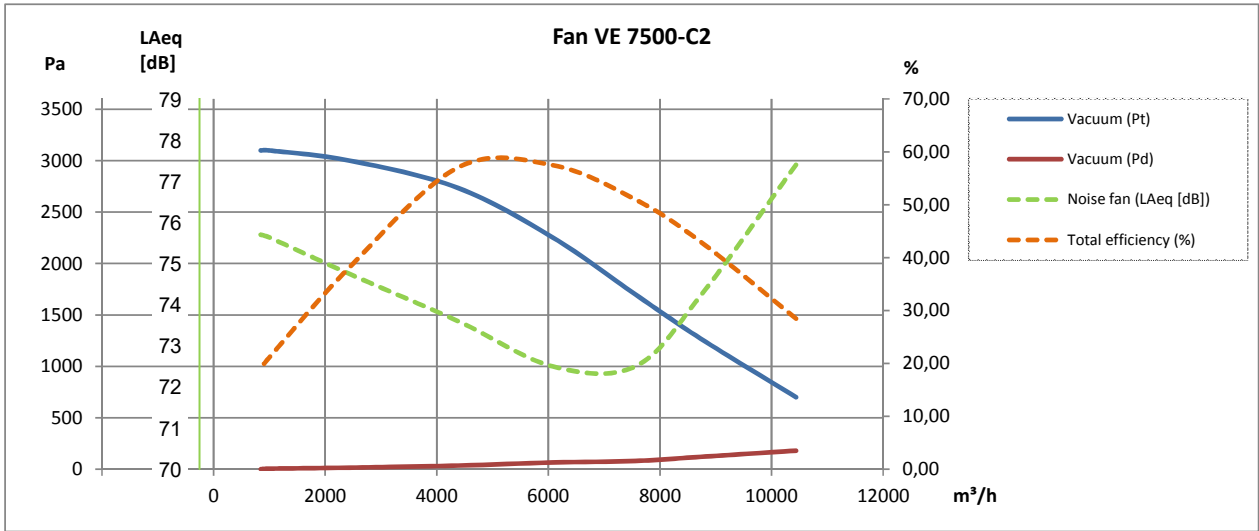
2-pole:



2-pole:



2-pole:



All versions of fan type VE-T-c is also available i a galvanized version spark protection in copper (Cu) on inlet!

Fan wheels:

Type	Hub [mm]	Fan type*	[Hz]	Order no.
VE 2200	ø24	C2	50	03 384 005
VE 3000	ø28	C2	50	03 386 005
VE 4000	ø28	C2	50	03 388 005
VE 5500	ø38	C2	50	03 390 005
VE 7500	ø38	C2	50	03 392 005

**Closed Transport*

**Please, note:**

Sound enclosures cannot be used in connection with the cooling disc due to cooling. Please, be further aware of the safety distance at installation.

**Further is available:**

- Pressure guard
- Mounting fittings
- Vibrations absorbers
- Safety grid
- FLEX flexible connections
- Motor starter Y-D
- Frequency converter

*Photo:
Danfoss Frequency converter type VLT*