

CJK/EC

Ventilation units for circular ducts, with 25 mm acoustic insulation casing, interchangeable covers and EC Technology motor



Fan:

- Aluminium profile structure.
- Covers with a high quality, 25 mm thick acoustic casing made of prefinished sheet.
- Backward curved impeller.
- Standardised inlet and outlet flanges allowing for easy installation in ducts.
- Interchangeable covers to supply air on either side.
- Air inlet nozzle with diffusers that increase the efficiency of the fan.

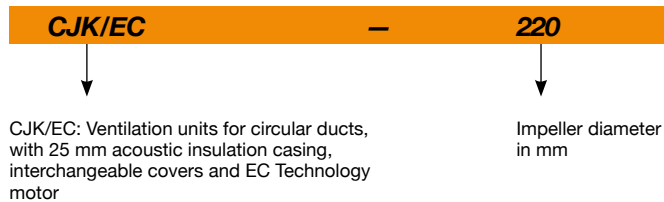
Motor:

- High efficiency external rotor EC Technology motors, adjustable via 0-10 V signal.
- Single-phase 200-240 V 50/60 Hz and three-phase 380-480 V 50/60 Hz.
- Working temperature: -25 °C +60 °C.

Finish:

- Anti-corrosive in pre-lacquered steel sheet and aluminum profiles.

Order code



Technical characteristics

Model	Speed (r/min)	Maximum admissible current (A)		Max. electric power (W)	Maximum flow rate (m ³ /h)	Sound pressure level at 50% of max. speed* dB (A)	Approx. weight (Kg)	According ErP
		230V	400V					
CJK/EC-220	3265	1.35		176	966	36	28	2018
CJK/EC-250	2850	1.35		180	1455	38	29	2018
CJK/EC-310	1920	1.35		175	1920	29	30	2018
CJK/EC-400	1550	2.00		460	3642	38	61	2018
CJK/EC-500	1250		2.00	1150	6577	36	106	2018

* Irradiated sound pressure level in dB(A) at a distance of 1.5 m and at maximum flow rate.

Accessories





Erp. (Energy Related Products)

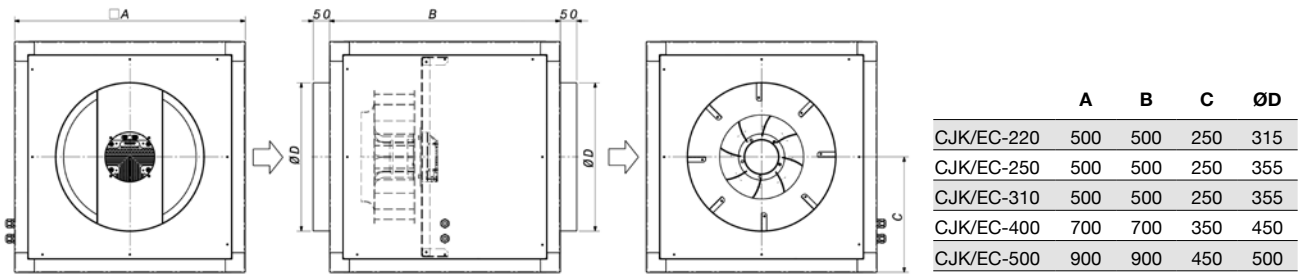
Information on Directive 2009/125/EC can be downloaded from the SODECA website or the QuickFan selector programme.

Acoustic characteristics

Sound power spectrum Lw(A) in dB(A) per Hz frequency band
Irradiated values at maximum speed and medium flow rate.

	63	125	250	500	1000	2000	4000	8000
CJK/EC-220	50	50	43	50	44	42	45	45
CJK/EC-250	46	44	43	45	55	35	34	30
CJK/EC-310	30	44	33	32	44	25	24	19
CJK/EC-400	37	52	41	42	34	29	27	27
CJK/EC-500	30	42	45	50	50	50	47	41

Dimensions mm

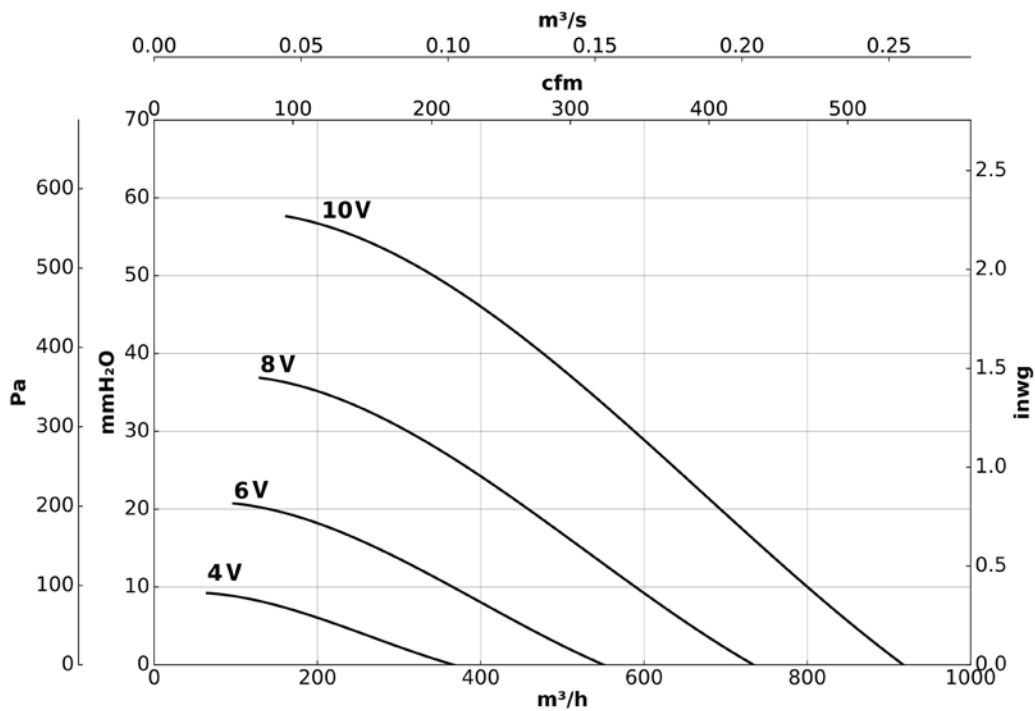


Characteristic curves

Q= Flow rate in m³/h, m³/s and cfm

Pe= Static pressure in mm H₂O, Pa and inwg

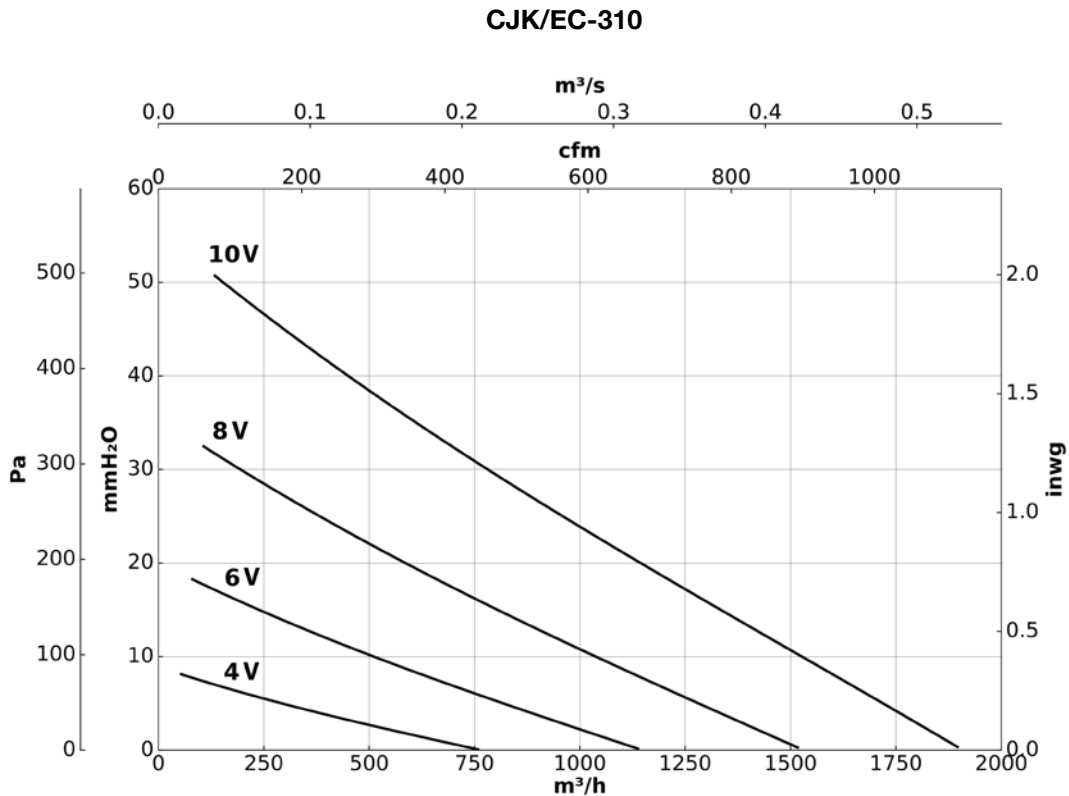
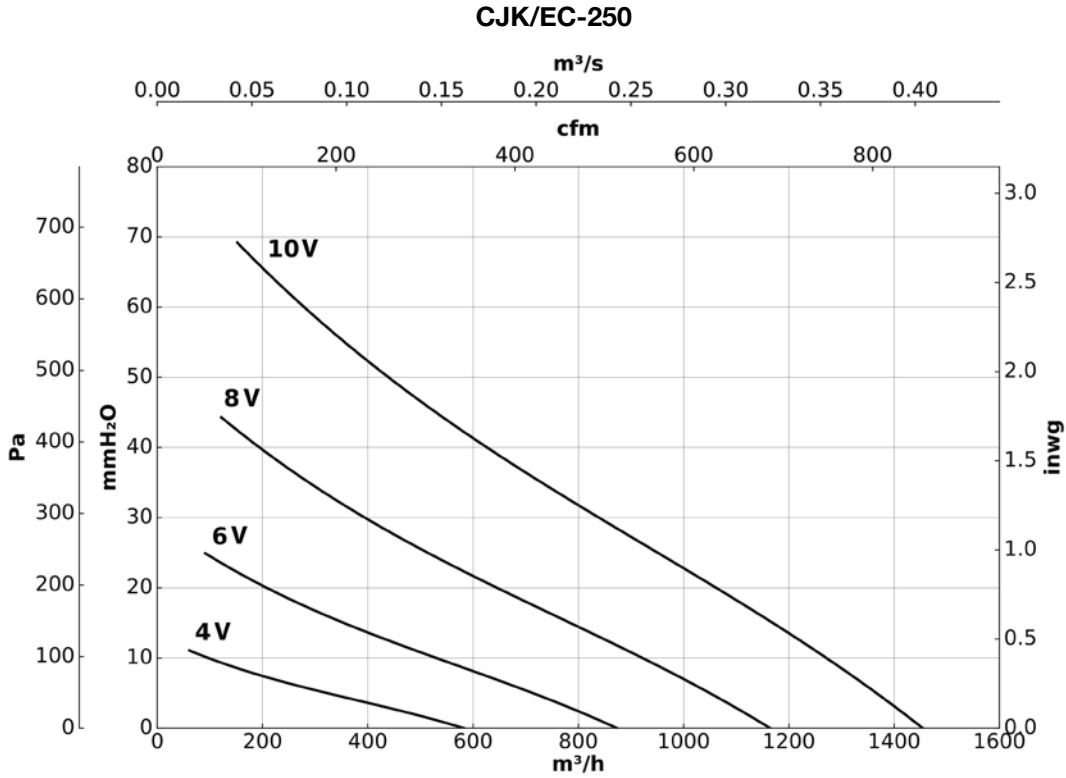
CJK/EC-220



Characteristic curves

Q= Flow rate in m³/h, m³/s and cfm

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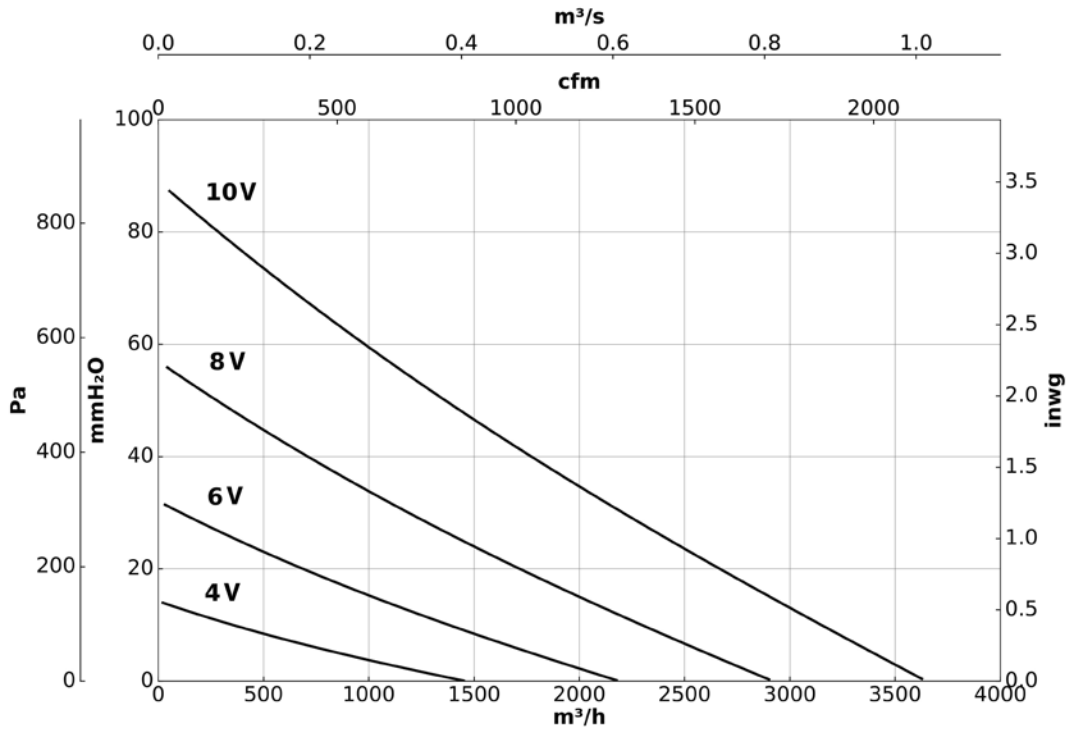


Characteristic curves

Q= Flow rate in m³/h, m³/s and cfm

Pe= Static pressure in mm H₂O, Pa and inwg

CJK/EC-400



CJK/EC-500

