

# 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.

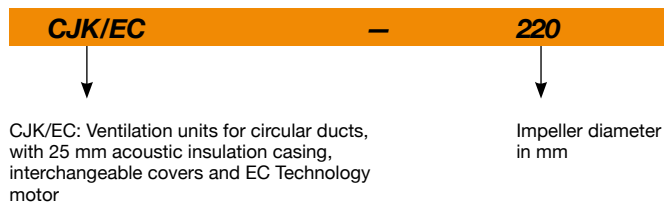
#### Motor:

- 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 <sup>3</sup> /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

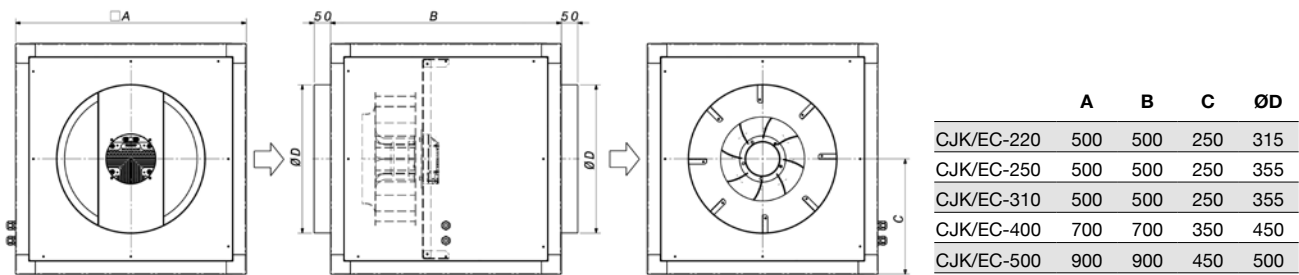


**Acoustic characteristics**

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**

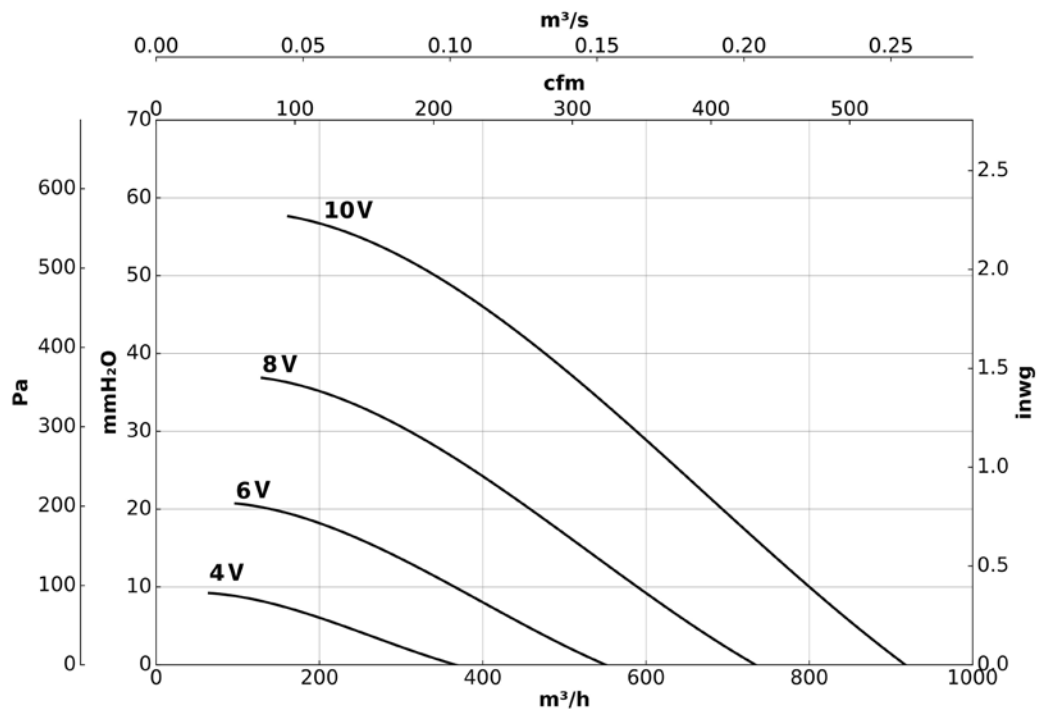


**Characteristic curves**

Q= Flow rate in m<sup>3</sup>/h, m<sup>3</sup>/s and cfm

Pe= Static pressure in mm H<sub>2</sub>O, Pa and inwg

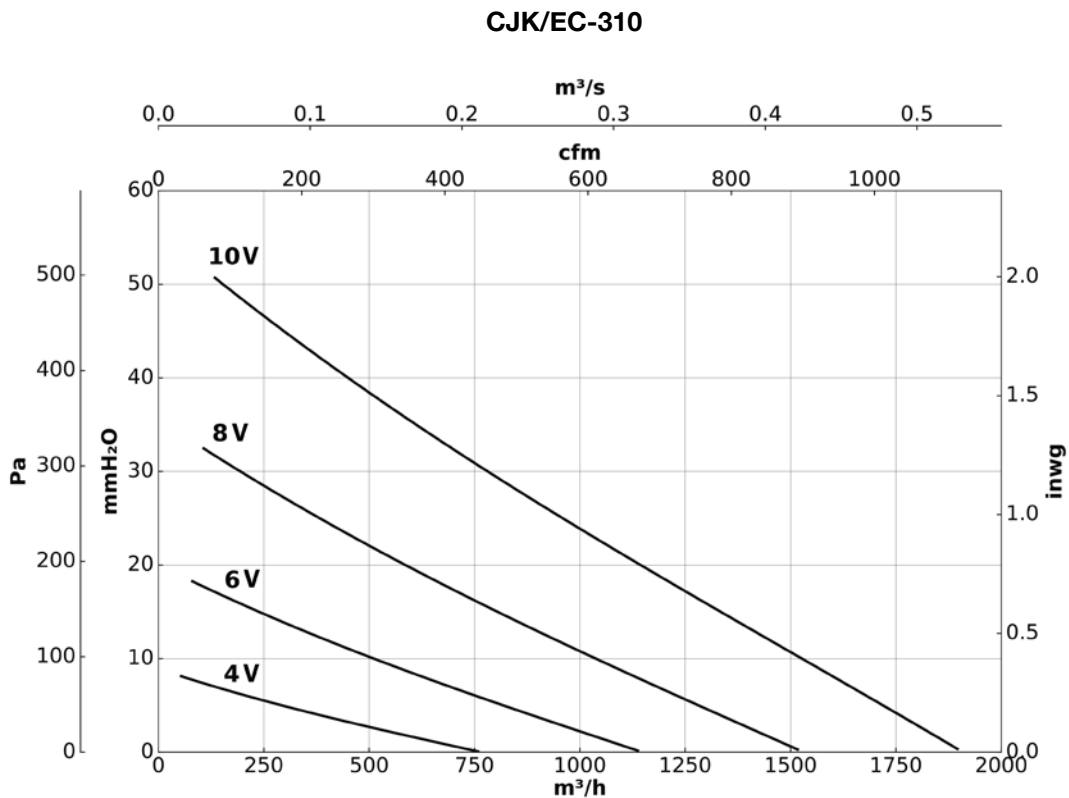
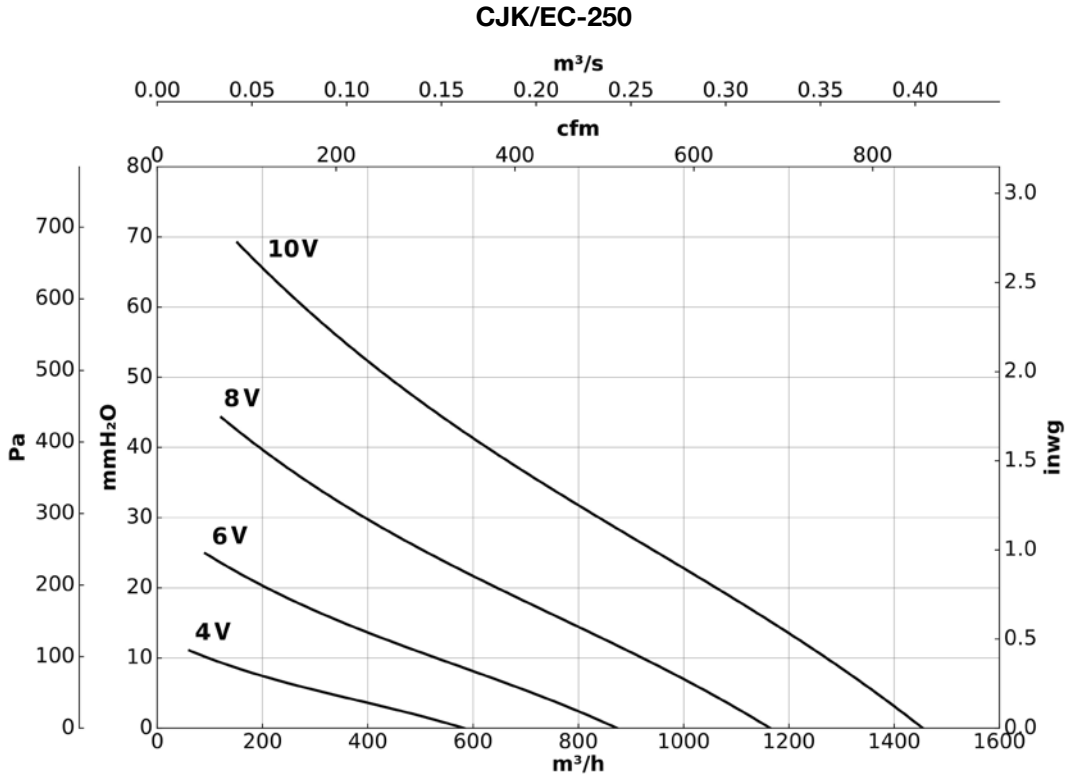
**CJK/EC-220**



### Characteristic curves

Q= Flow rate in m<sup>3</sup>/h, m<sup>3</sup>/s and cfm

Pe= Static pressure in mm H<sub>2</sub>O, Pa and inwg

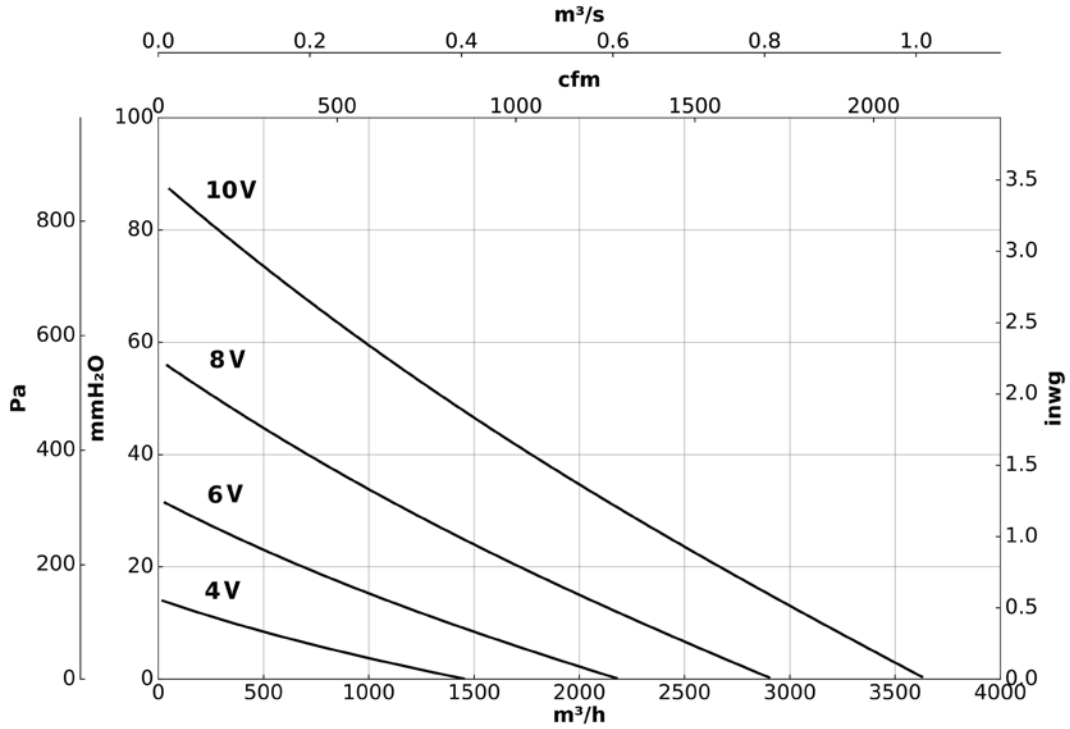


### Characteristic curves

Q= Flow rate in m<sup>3</sup>/h, m<sup>3</sup>/s and cfm

Pe= Static pressure in mm H<sub>2</sub>O, Pa and inwg

#### CJK/EC-400



#### CJK/EC-500

