



CJK/EC

- E.C. TECHNOLOGY MOTOR WITH INTEGRATED ELECTRONICS
- INTERCHANGEABLE PANELS FOR CIRCULAR DUCTS
- EASY TO MODIFY AIRFLOW DIRECTION
- 25 MM THICK ACOUSTIC HOUSING



IN-LINE VENTILATION UNITS
FOR CIRCULAR DUCTS

CJK/EC

The CJK/EC series of fans have been designed to **extract and supply air in areas where a high degree of soundproofing and versatility is required.**

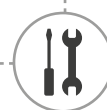


 *The units may be installed in the vertical position.*



EASY INSTALLATION AND MAINTENANCE

All panels are interchangeable, which provides this unit with exceptional versatility, allowing airflow in any direction. The panels can be easily removed to allow access for cleaning and maintenance.



LOW NOISE LEVEL

The 25 mm thick acoustic housing incorporates high-quality insulation materials designed to achieve low noise levels, making it the perfect fan for installation in areas that require low noise levels.



ENERGY SAVING

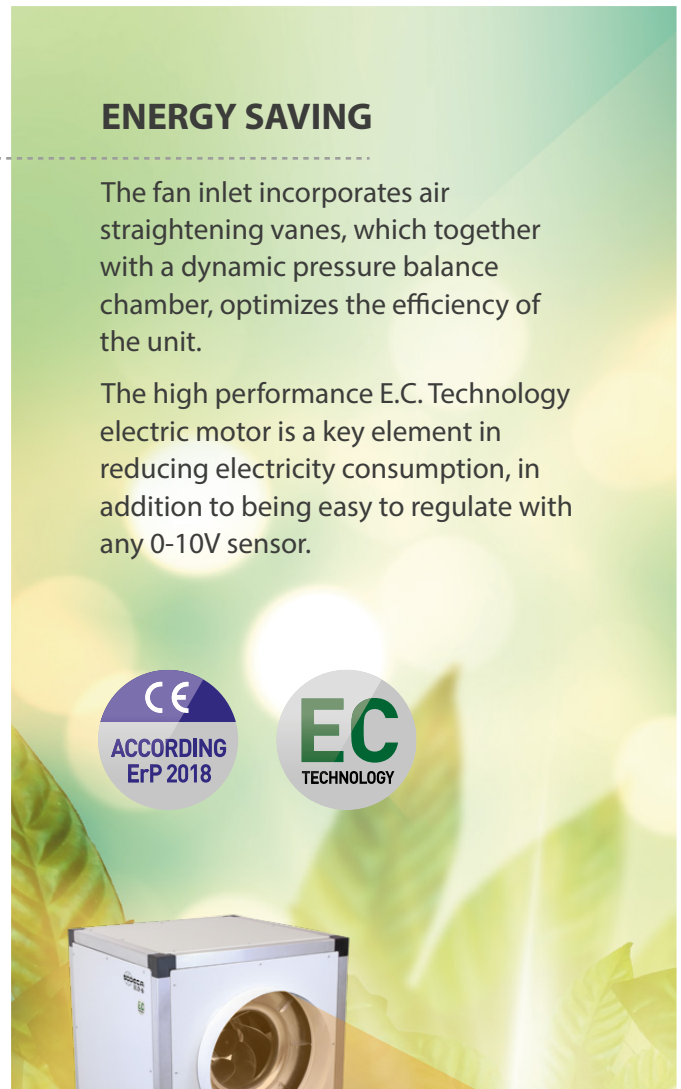
The fan inlet incorporates air straightening vanes, which together with a dynamic pressure balance chamber, optimizes the efficiency of the unit.

The high performance E.C. Technology electric motor is a key element in reducing electricity consumption, in addition to being easy to regulate with any 0-10V sensor.



DURABILITY

The panels of this unit are made of prefinished sheet and the structural frame is made of aluminium, which increases the service life of the fans and allows them to be installed outdoors in high corrosion areas. We recommend installing the unit under cover to prevent water from entering the unit.



Guides that prevent the air flow from swirling and increase efficiency.

CJK/EC



Ventilation units for circular ducts with a 25 mm thick acoustic housing for noise reduction, interchangeable panels and E.C. Technology motor.



Fan:

- Aluminium frame structure.
- Panels with a high quality, 25 mm thick acoustic housing made of prefinished sheet.
- Impeller with reaction blades.
- Standardised inlet and outlet flanges allowing for easy installation in ducts.
- Interchangeable panels to supply air on either side.
- Air inlet with diffusers that increase the efficiency of the fan.

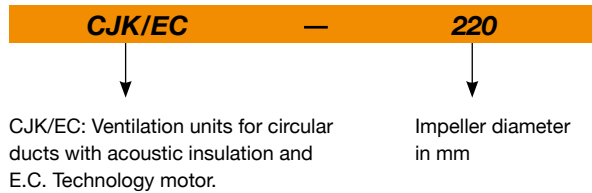
Motor:

- E.C. Technology motors High efficiency external rotor technology, regulated by 0-10V signal.
- Single-phase 200-240V– 50/60Hz and three-phase 380-480V– 50/60Hz.
- Temperature of air to be carried: -25°C +60°C.

Finish:

- Anti-corrosive pre-lacquered sheet steel and aluminium frames.

Order code



Technical characteristics

Model	Speed (r/min)	Maximum admissible current (A)		Max. electric power (W)	Maximum flow rate (m³/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.



Erp. (Energy Related Products)

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

Accessories

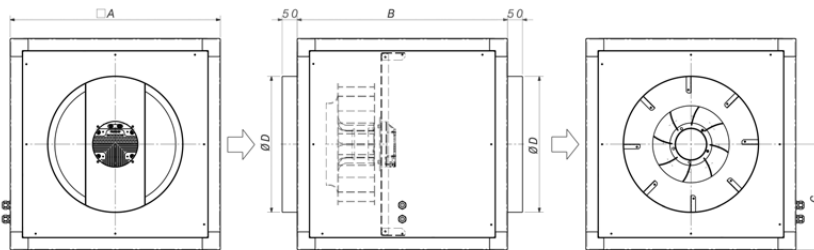


Acoustic characteristics

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

Model	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

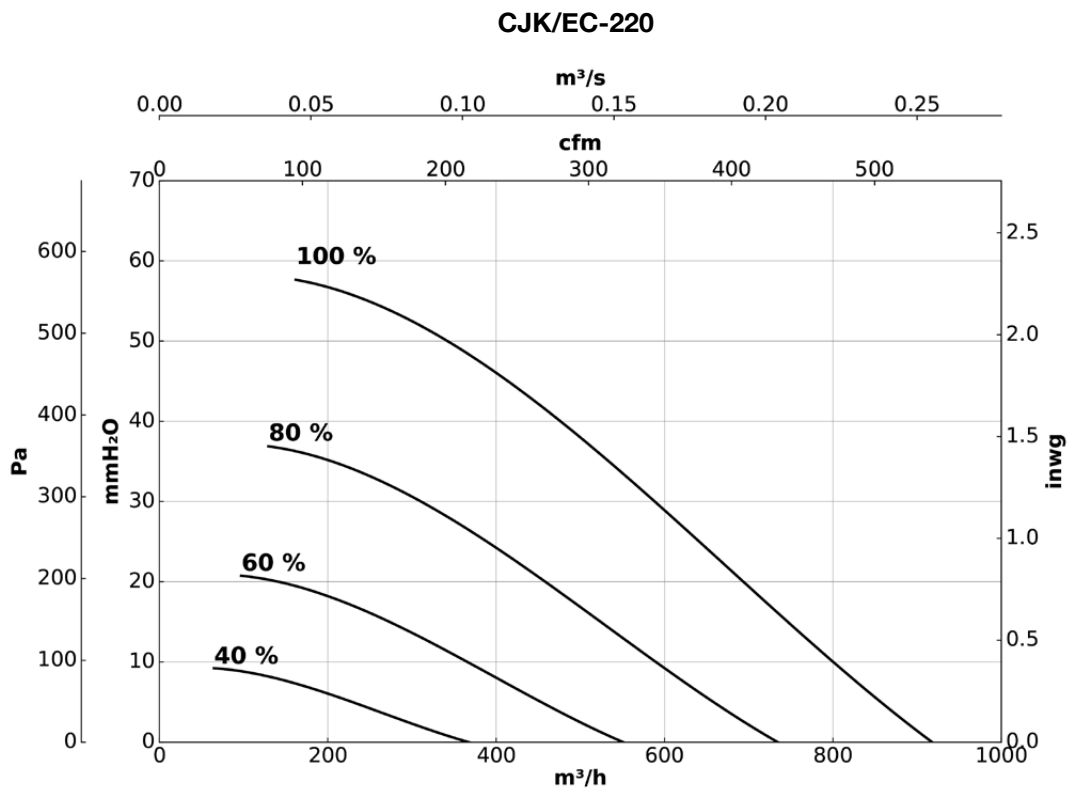


Model	A	B	C	ØD
CJK/EC-220	500	500	250	315
CJK/EC-250	500	500	250	355
CJK/EC-310	500	500	250	355
CJK/EC-400	700	700	350	450
CJK/EC-500	900	900	450	500

Characteristic curves

Q = Flow rate in m^3/h , m^3/s and cfm.

P_e = Static pressure in mmH_2O , Pa and inwg.

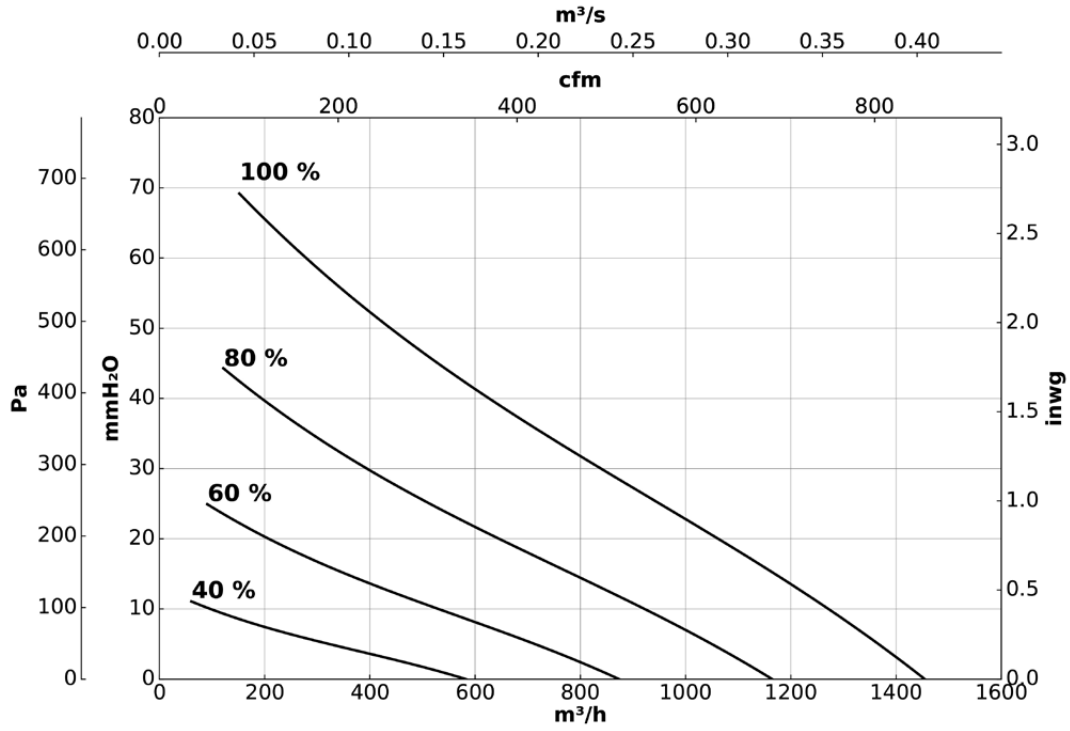


Characteristic curves

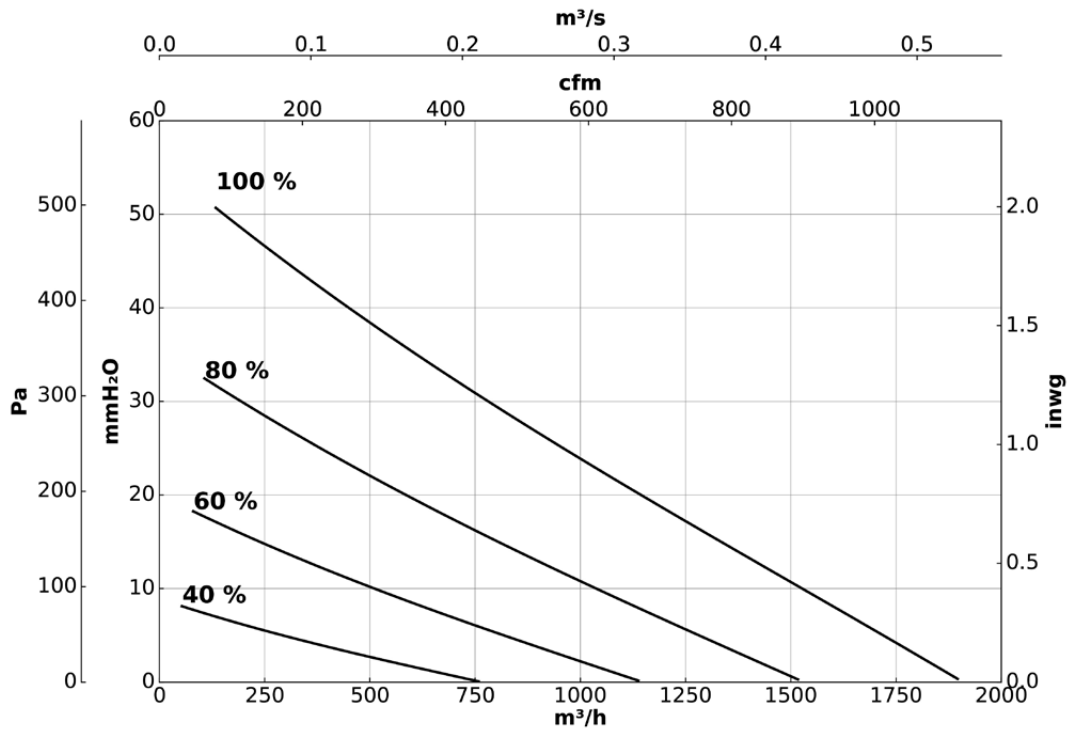
Q = Flow rate in m³/h, m³/s and cfm.

Pe = Static pressure in mmH₂O, Pa and inwg.

CJK/EC-250



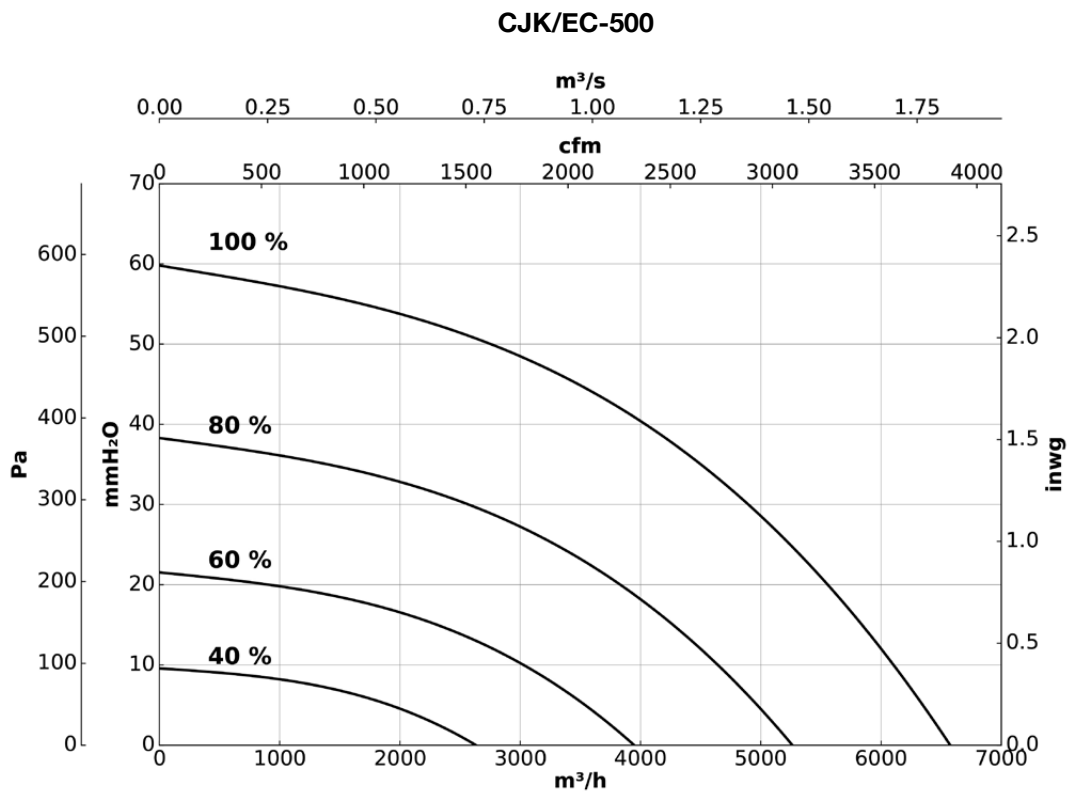
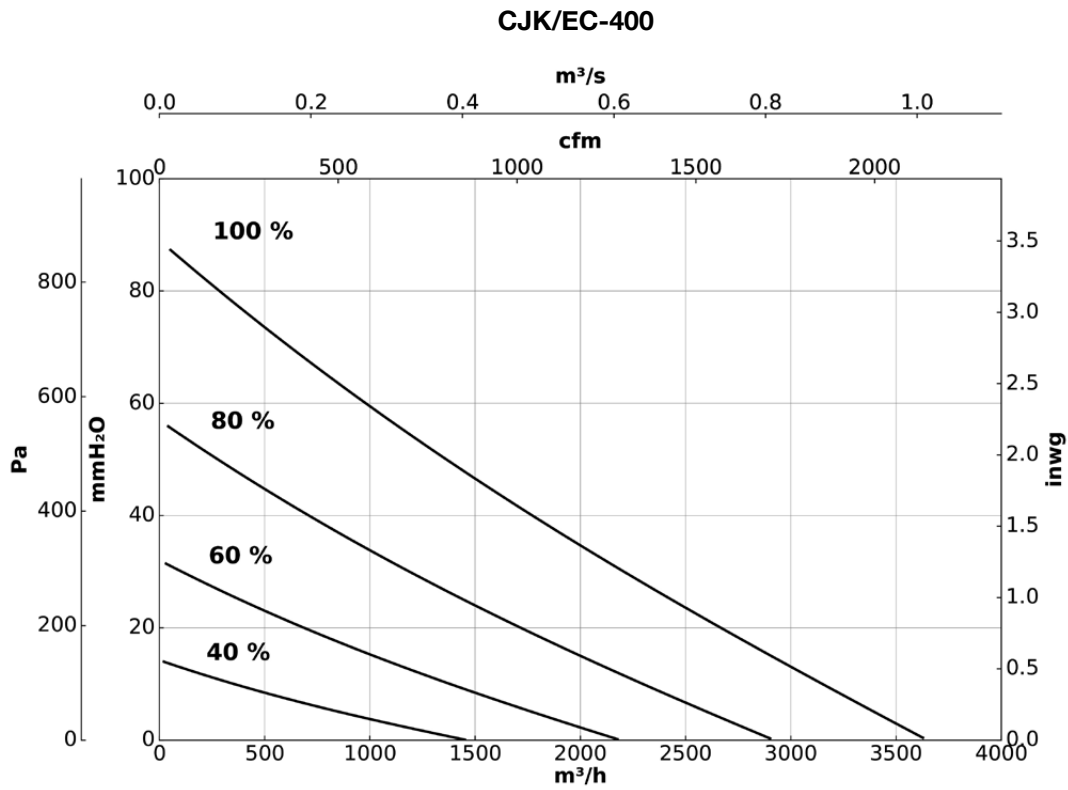
CJK/EC-310



Characteristic curves

Q = Flow rate in m³/h, m³/s and cfm.

Pe = Static pressure in mmH₂O, Pa and inwg.



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