CL/PLUS/EC

In-line extract fans for rectangular ducts with a 40 mm thick acoustic casing to reduce noise and EC Technology motor

Fan:
- Galvanized steel sheet casing.
- 40 mm acoustic insulation casing.
- Backward curved impeller.
- Linear airflow direction.
- Fitted with a folding inspection hatch for ease of maintenance.

Motor:
- High efficiency EC Technology motors, outer rotor adjustable via 0-10 V signal.
- Single-phase 200-240 V 50/60 Hz and three-phase 380-480 V 50/60 Hz.
- Maximum temperature of air to be carried: -25 ºC +60 ºC.

Finish:
- Anti-corrosive in galvanized steel sheet.

Order code

CL/PLUS/EC — 5030

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Connection dimensions

Technical characteristics

Model	Speed	Maximum admissible current (A)		Max. electric power	Maximum flow rate	Sound pressure level at 50% of max. speed*	Approx. weight	According ErP
	(r/min)	230V	400V	(W)	(m³/h)	dB (A)	(Kg)	
CL/PLUS/EC-3015	3570	1.01		127	591	31	12	2018
CL/PLUS/EC-4020	3265	1.35		176	958	36	17	2018
CL/PLUS/EC-5030	1920	1.35		175	1964	29	26	2018
CL/PLUS/EC-6030	2377	2		450	2080	35	35	2018
CL/PLUS/EC-6035	1550	2		460	3450	38	39	2018
CL/PLUS/EC-7040	2000		1.68	950	5650	39	51	2018
CL/PLUS/EC-8050	1250		2	1150	7315	36	66	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


MTP


INT


SI-CO2 IND


SI-TEMP IND


SI-TEMP+HUMEDAD


SI-HUMEDAD


SI-MF


SI-PRESIÓN

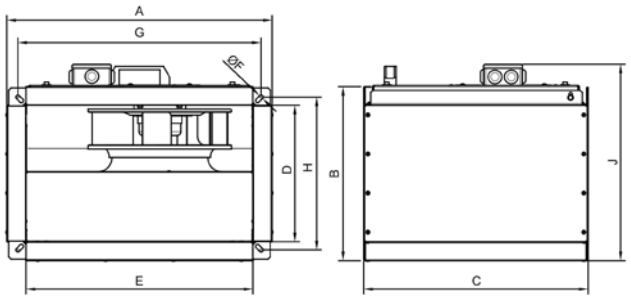
Acoustic characteristics

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
CL/PLUS/EC-3015	33	43	42	47	45	46	45	41
CL/PLUS/EC-4020	50	50	43	50	44	42	45	45
CL/PLUS/EC-5030	30	44	33	32	44	25	24	19
CL/PLUS/EC-6030	31	46	48	51	50	51	46	40

	63	125	250	500	1000	2000	4000	8000
CL/PLUS/EC-6035	37	52	41	42	34	29	27	27
CL/PLUS/EC-7040	32	38	50	56	53	53	48	48
CL/PLUS/EC-8050	30	42	45	50	50	50	47	41

Dimensions mm

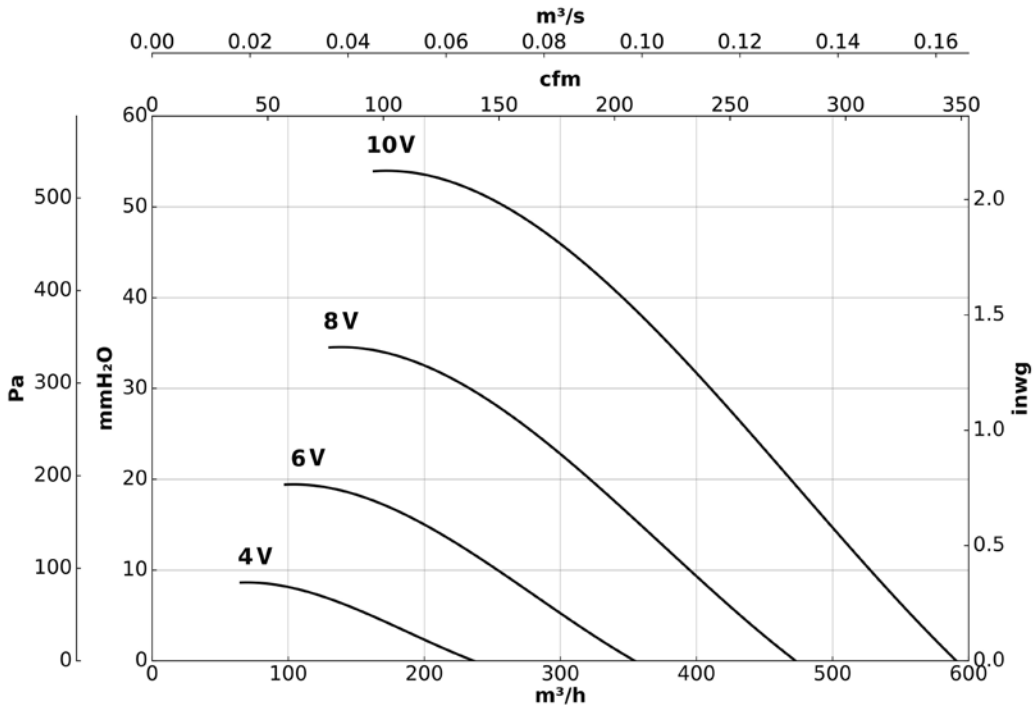


	A	B	C	D	E	øF	G	H	J
CL/PLUS/EC-3015	385	235	335	150	300	ø9	320	170	280
CL/PLUS/EC-4020	485	285	415	200	400	ø9	420	220	330
CL/PLUS/EC-5030	495	385	495	300	500	ø9	520	320	430
CL/PLUS/EC-6030	685	385	610	300	600	ø9	620	320	430
CL/PLUS/EC-6035	685	435	610	350	600	ø9	620	370	480
CL/PLUS/EC-7040	785	485	705	400	700	ø9	720	420	540
CL/PLUS/EC-8050	885	585	825	500	800	ø9	820	520	630

Characteristic curves

Q= Flow rate in m³/h, m³/s and cfm Pe= Static pressure in mm H_2O, Pa and inwg

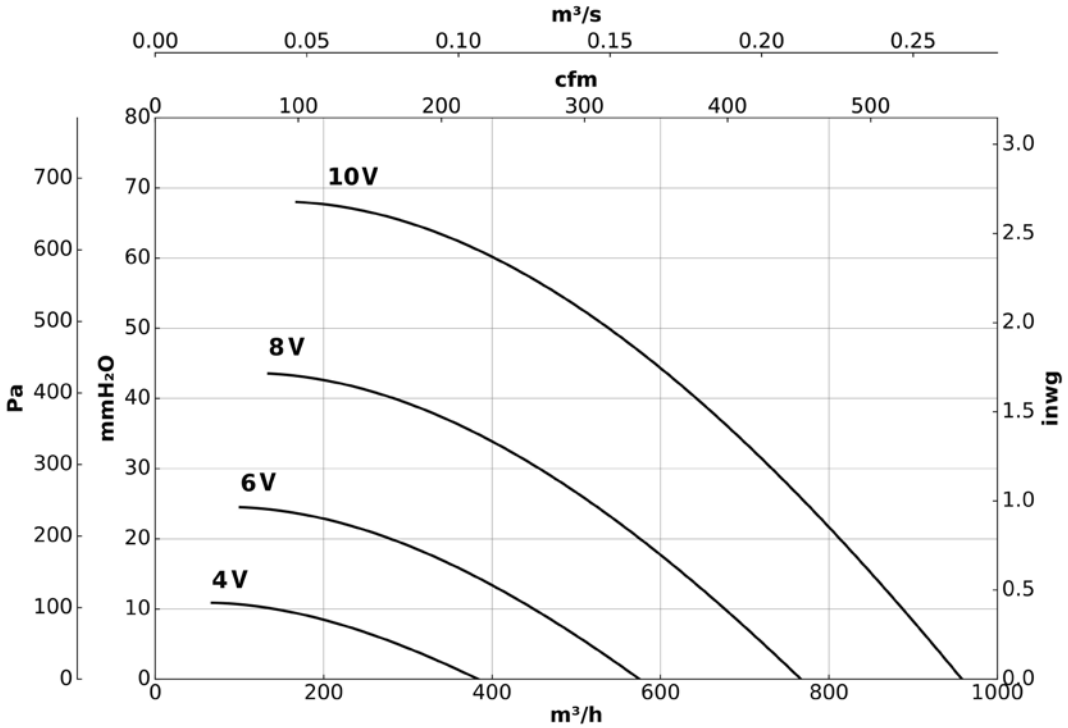
CL/PLUS/EC-3015



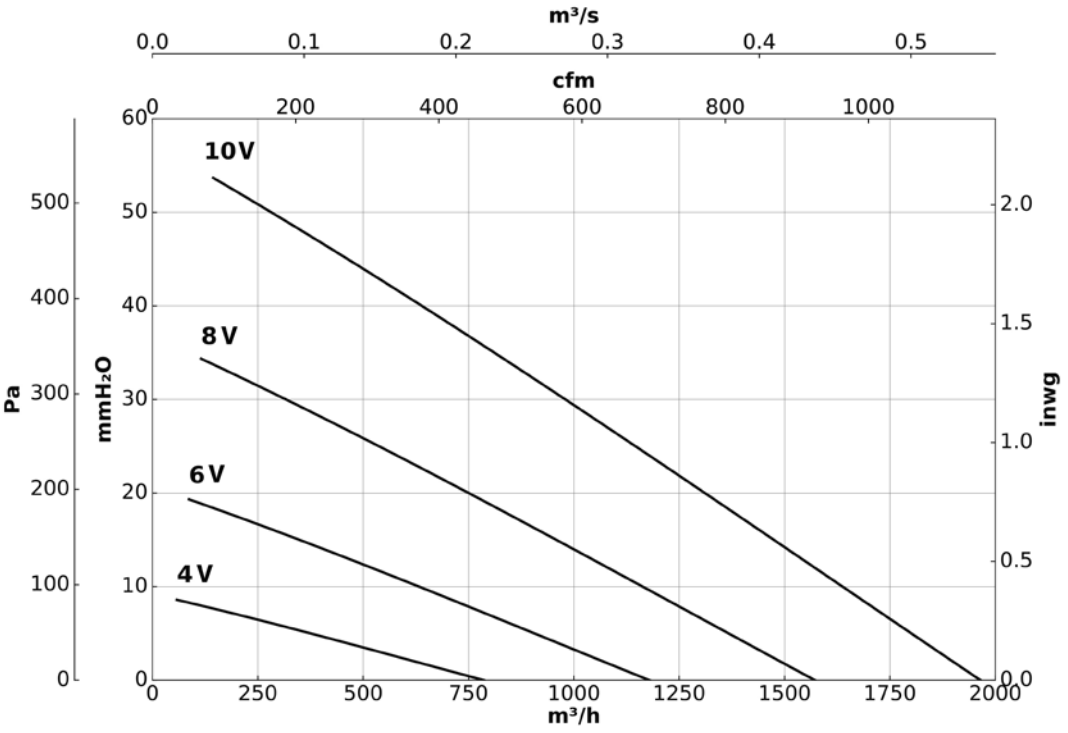
Characteristic curves

Q= Flow rate in m³/h, m³/s and cfm Pe= Static pressure in mm H_2O, Pa and inwg

CL/PLUS/EC-4020



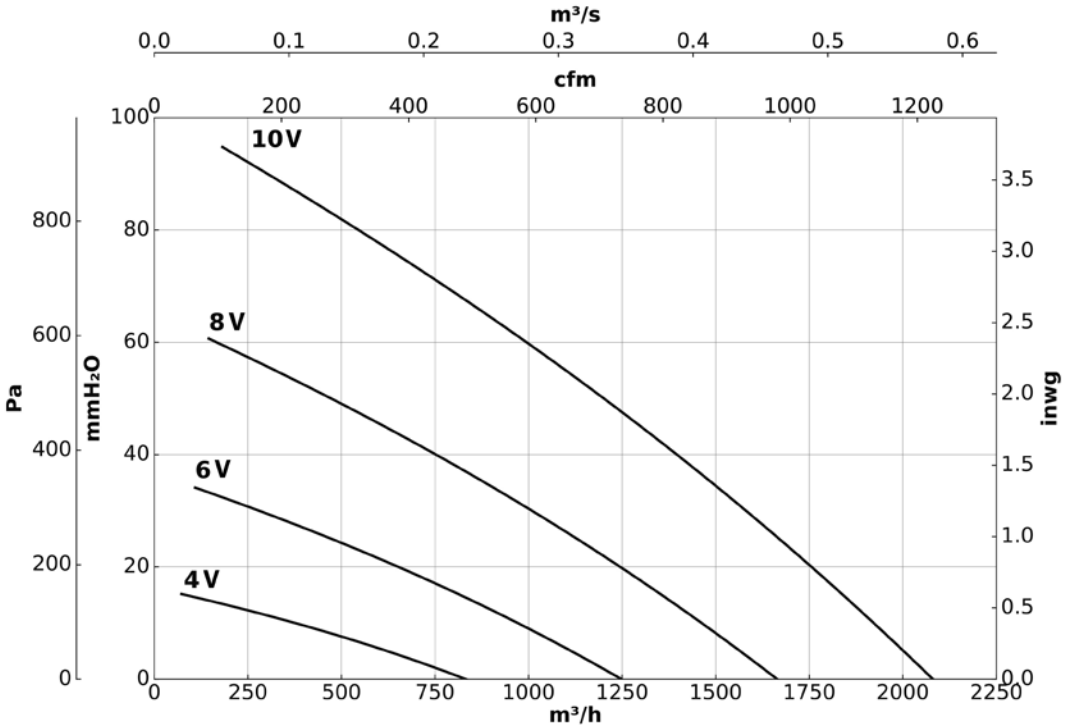
CL/PLUS/EC-5030



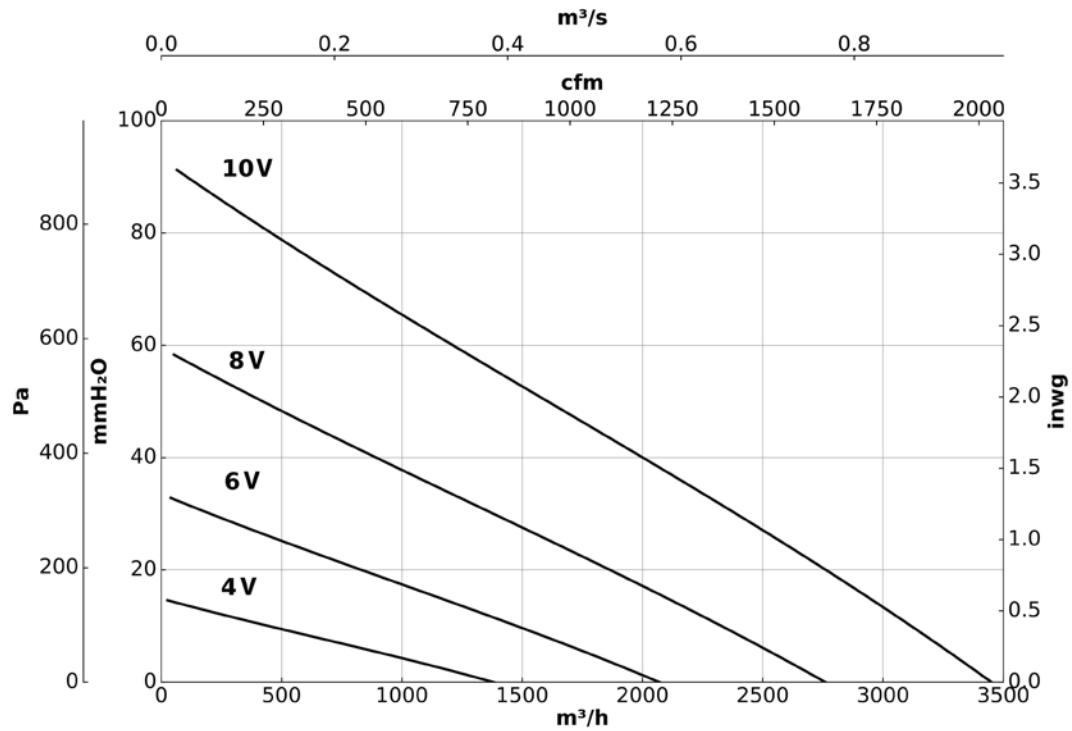
Characteristic curves

Q= Flow rate in m³/h, m³/s and cfm Pe= Static pressure in mm H_2O, Pa and inwg

CL/PLUS/EC-6030



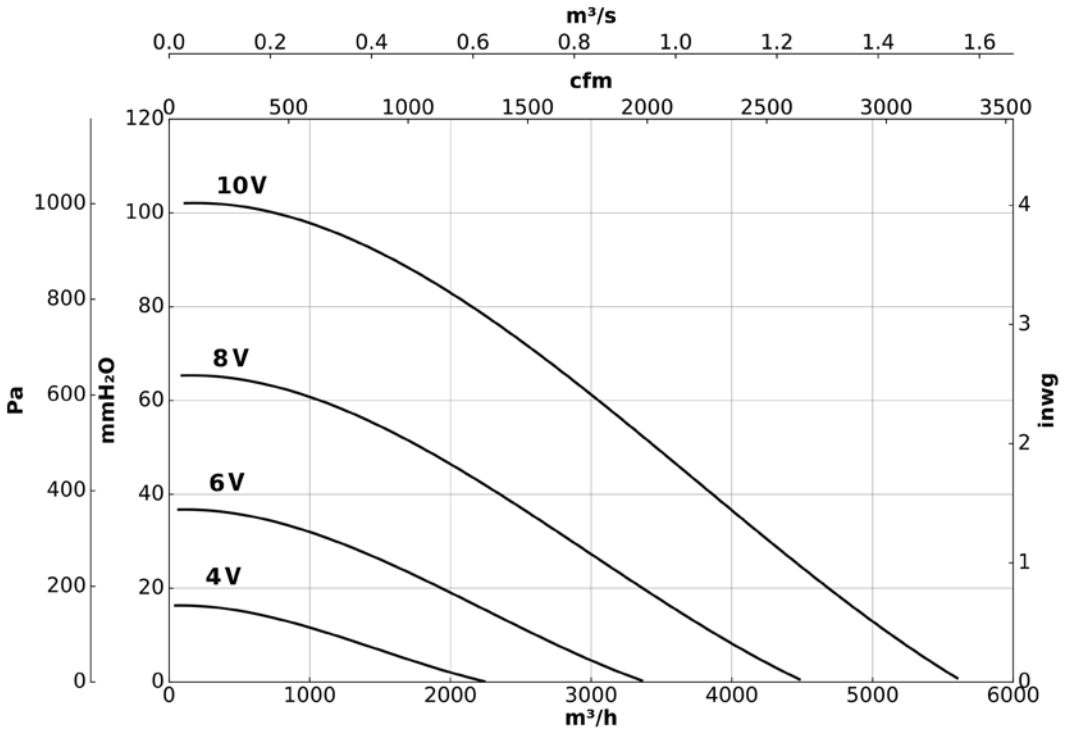
CL/PLUS/EC-6035



Characteristic curves

Q= Flow rate in m³/h, m³/s and cfm Pe= Static pressure in mm H_2O, Pa and inwg

CL/PLUS/EC-7040



CL/PLUS/EC-8050