CA/LINE

In-line circular duct extractor fans with 3 speed motor

Fan:
- Sheet steel casing.
- Backward curved impeller.
- External terminal box.
- Quick and easy to install.
- Support foot included.

Motor:
- 3-speed motors with long life ball bearings. IP44 protection.
- Single-phase 220-240 V 50/60 Hz.
- Working temperature: -25 ºC +60 ºC.

Finish:
- Galvanised steel sheet.

Order code

CA/LINE — 20

CA/LINE: In-line circular duct extractor fans with 3 speed motor

Nozzle diameter in cm

Technical characteristics

Model	Max. speed	Max. admissible current (A)	Max. electric power	Maximum flow rate	Sound pressure level[1] dB(A)	Approx. weight
	(r/min)	230V	(W)	(m^3/h)	Irradiated	(Kg)
CA/LINE-10	2700	0.20	50	260	41	4
CA/LINE-12	2530	0.24	60	350	43	4
CA/LINE-15	2760	0.23	60	460	43	4
CA/LINE-16	2750	0.26	60	485	43	4
CA/LINE-20	2740	0.72	160	970	49	6
CA/LINE-25	2740	0.72	160	1050	49	6
CA/LINE-31	2480	0.80	180	1370	48	7

1. The noise level values are pressures in dB(A) measured at a distance of 3 metres in a free field.

Erp. (Energy Related Products)

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

Accessories


SELECTOR 3V


BA/BI


RC


BE


COMPUERTAS ANTIRETORNO


SC


BE-AC


BI-AC


CJFILTER


SI-CO2+HUMEDAD


SI-PIR


SI-TEMP+HUMEDAD

Acoustic characteristics

The values given are obtained under laboratory conditions according to ISO 3744.

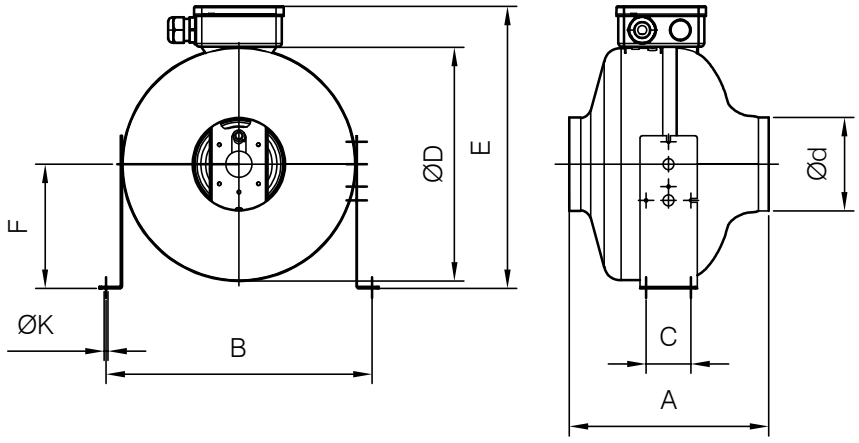
Sound power spectrum Lw(A) in dB(A) per Hz frequency band

Irradiated values at maximum speed and 2/3 maximum flow rate

	63	125	250	500	1000	2000	4000	8000
CA/LINE-10	44	43	49	49	57	53	55	40
CA/LINE-12	47	41	48	53	57	57	56	52
CA/LINE-15	44	45	51	56	59	57	46	41
CA/LINE-16	46	50	52	50	60	56	54	46

	63	125	250	500	1000	2000	4000	8000
CA/LINE-20	53	48	64	63	62	60	58	50
CA/LINE-25	44	49	51	60	62	66	58	46
CA/LINE-31	46	57	60	61	61	61	61	48

Dimensions mm

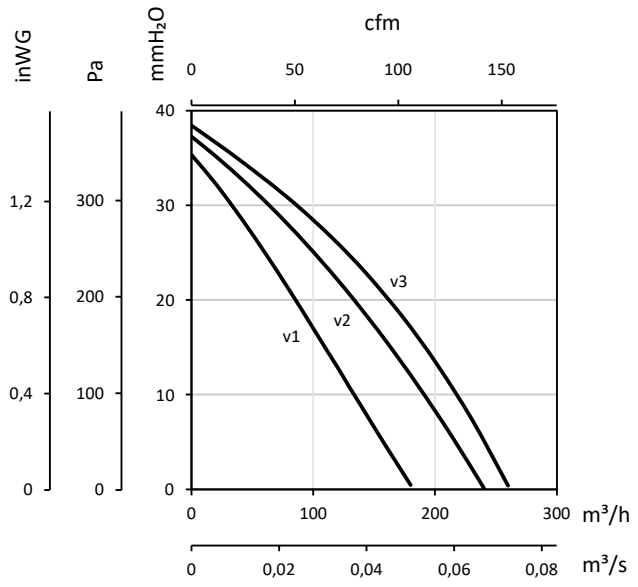


	A	B	C	ød	øD	E	F	ØK
CA/LINE-10	209	279	47	98	245	296	130	4
CA/LINE-12	209	279	47	123	245	298	130	4
CA/LINE-15	200	312	47	148	278	328	144	4
CA/LINE-16	196	312	47	158	278	350	167	4
CA/LINE-20	242	373	100	199	333	402	190	5
CA/LINE-25	216	373	100	250	333	402	190	5
CA/LINE-31	279	442	100	313	402	474	227	5

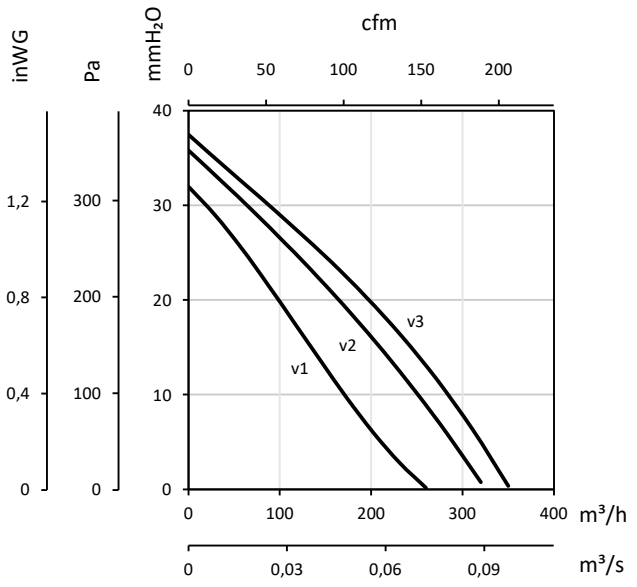
Characteristic curves

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

CA/LINE-10



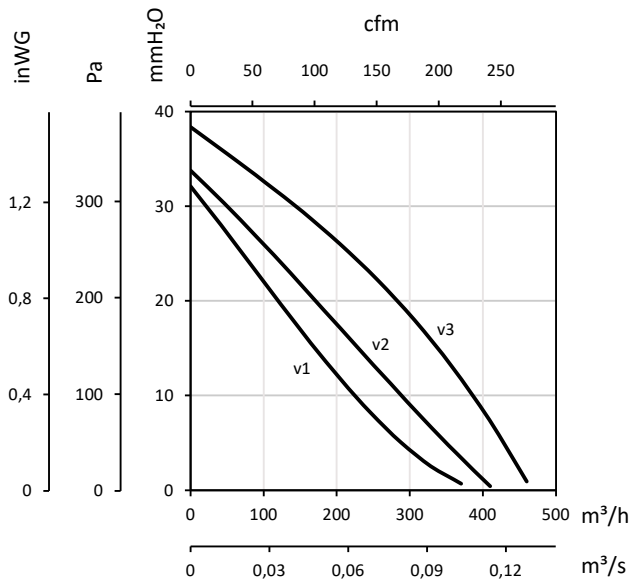
CA/LINE-12



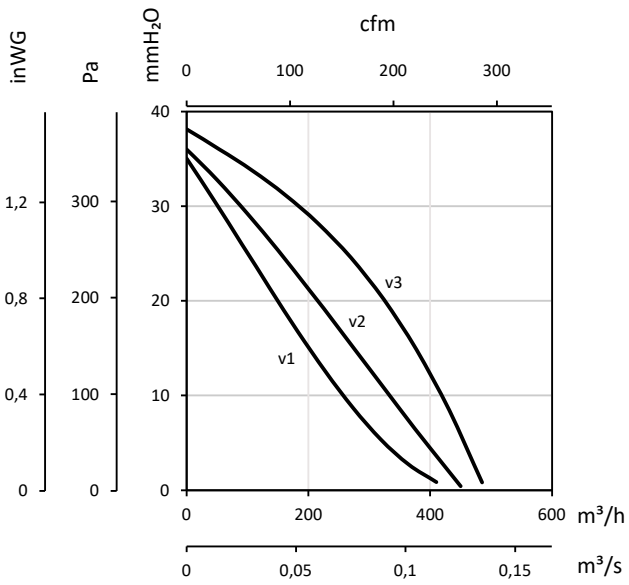
Characteristic curves

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

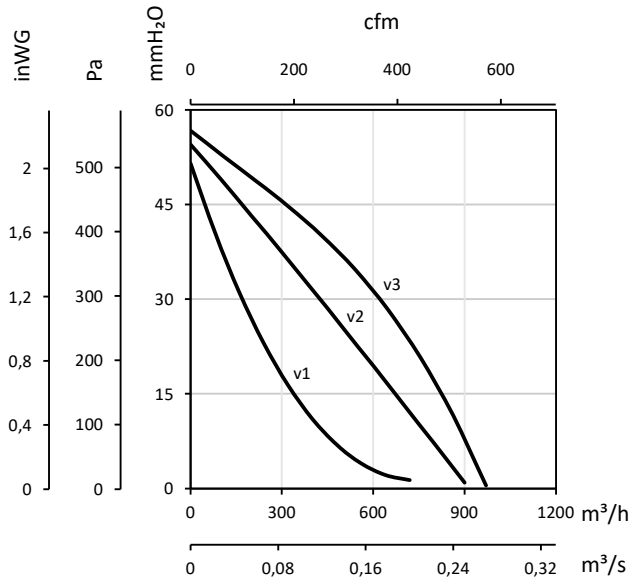
CA/LINE-15



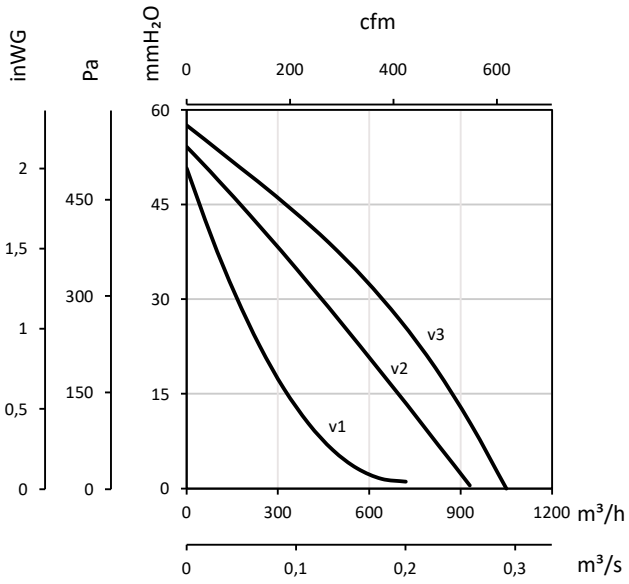
CA/LINE-16



CA/LINE-20



CA/LINE-25



CA/LINE-31