NEOSILENT/EC

Low noise in-line duct extractor fans with long-life ball bearings and EC Technology motor

Low noise in-line duct extractor fans with long-life ball bearings, EC Technology motor, 50 mm insulation and external terminal box.

Fan:
- Sheet steel casing.
- Thermal and acoustic insulation with 50 mm rockwool.
- Internal perforated casing to facilitate noise absorption.
- External terminal box.
- Quick and easy to install.

Motor:
- High efficiency EC Technology motors that can be regulated internally or via 0-10 V signal.
- Motors with long life ball bearings.
- IPX4 protection.
- Single-phase 220-240 V 50/60 Hz.
- Working temperature: +1 ºC +40 ºC.

Finish:
- Anti-corrosive in gray polymeric coating.

Order code

NEOSILENT/EC — 100

NEOSILENT/EC: Low noise in-line duct extractor fans with long-life ball bearings and EC Technology motor

Nozzle diameter in mm

Technical characteristics

Model	Max. speed	Maximum admissible current (A)	Max. electric power	Maximum flow rate	Noise level [1] dB (A)	Approx. weight
	(r/min)	230 V	(W)	(m^3/h)	Irradiated	(Kg)
NEOSILENT/EC-100	3680	0.29	30	300	37	5
NEOSILENT/EC-125	3750	0.37	40	450	43	5
NEOSILENT/EC-150	3390	0.48	55	600	38	6
NEOSILENT/EC-160	3390	0.48	55	600	38	6
NEOSILENT/EC-200	3390	1.02	123	1040	43	9
NEOSILENT/EC-250	2870	1.38	169	1285	42	13
NEOSILENT/EC-315	2825	1.25	284	1970	46	20

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

SC | CJFILTER | COMPUERTAS ANTIRETORNO | MTP | RC | BE | SI-TEMP+HUMEDAD | SI-PRESIÓN | SI-HUMEDAD | SI-CO2 IND | SI-TEMP IND | SI-MF

Acoustic characteristics

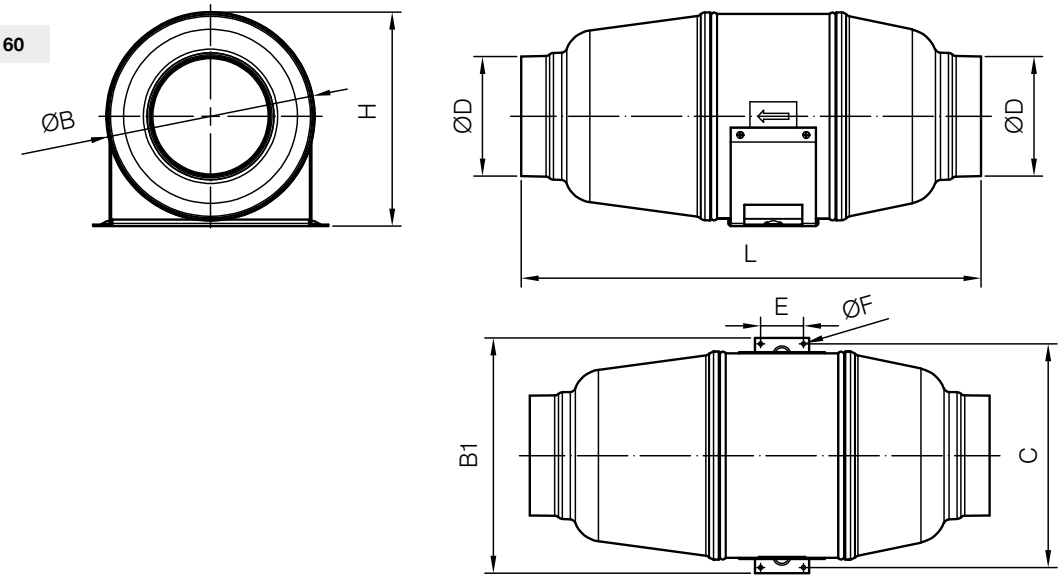
The values given are obtained under laboratory conditions according to ISO 3744.
Irradiated sound power spectrum Lw(A) in dB(A) per Hz frequency band

	63	125	250	500	1000	2000	4000	8000
NEOSILENT/EC-100	39	45	51	55	43	42	32	23
NEOSILENT/EC-125	50	53	57	61	50	49	38	29
NEOSILENT/EC-150	48	48	20	57	45	43	36	30
NEOSILENT/EC-160	48	48	20	57	45	43	36	30

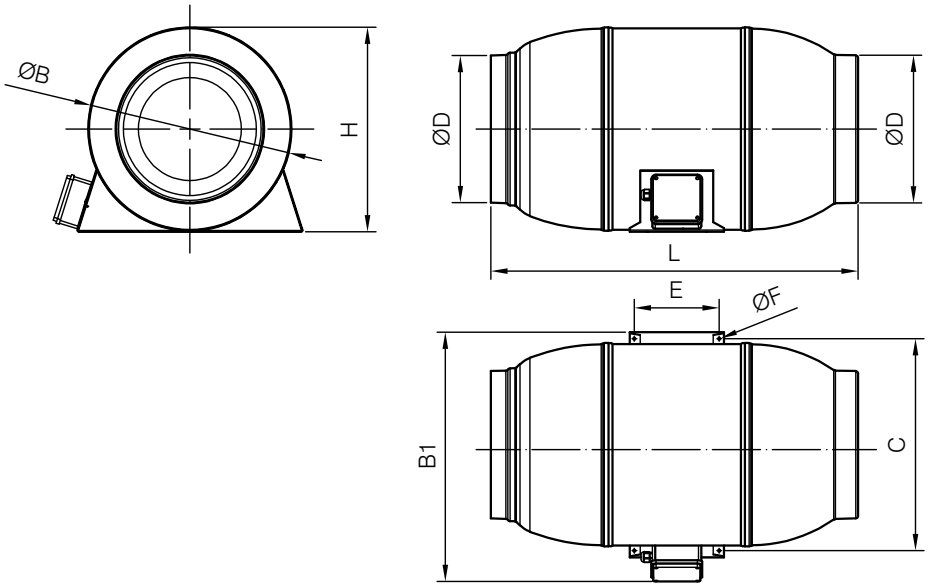
	63	125	250	500	1000	2000	4000	8000
NEOSILENT/EC-200	31	43	53	61	56	53	47	37
NEOSILENT/EC-250	40	45	52	60	57	51	43	31
NEOSILENT/EC-315	33	48	58	60	63	57	50	38

Dimensions mm

NEOSILENT/EC-100…160



NEOSILENT/EC-200…315

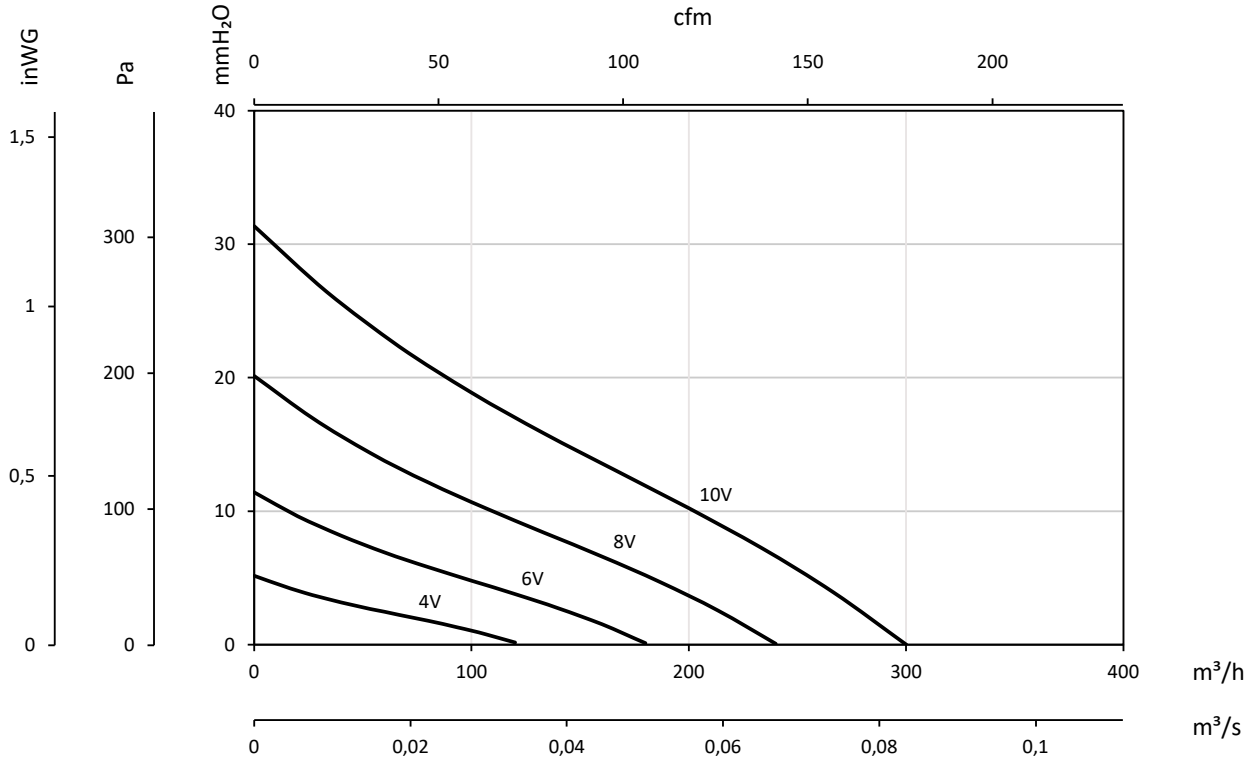


	ØB	B1	C	ØD	E	H	L	ØF
NEOSILENT/EC-100	215	243	231	98	42	218	505	4,8
NEOSILENT/EC-125	215	243	231	123	42	218	474	4,8
NEOSILENT/EC-150	247	312	262	147	44	250	580	4,8
NEOSILENT/EC-160	247	312	262	157	44	250	580	4,8
NEOSILENT/EC-200	293	392	310	198	115	295	558	9,1
NEOSILENT/EC-250	358	451	370	248	130	361	664	9,1
NEOSILENT/EC-315	432	527	450	313	180	435	782	9,1

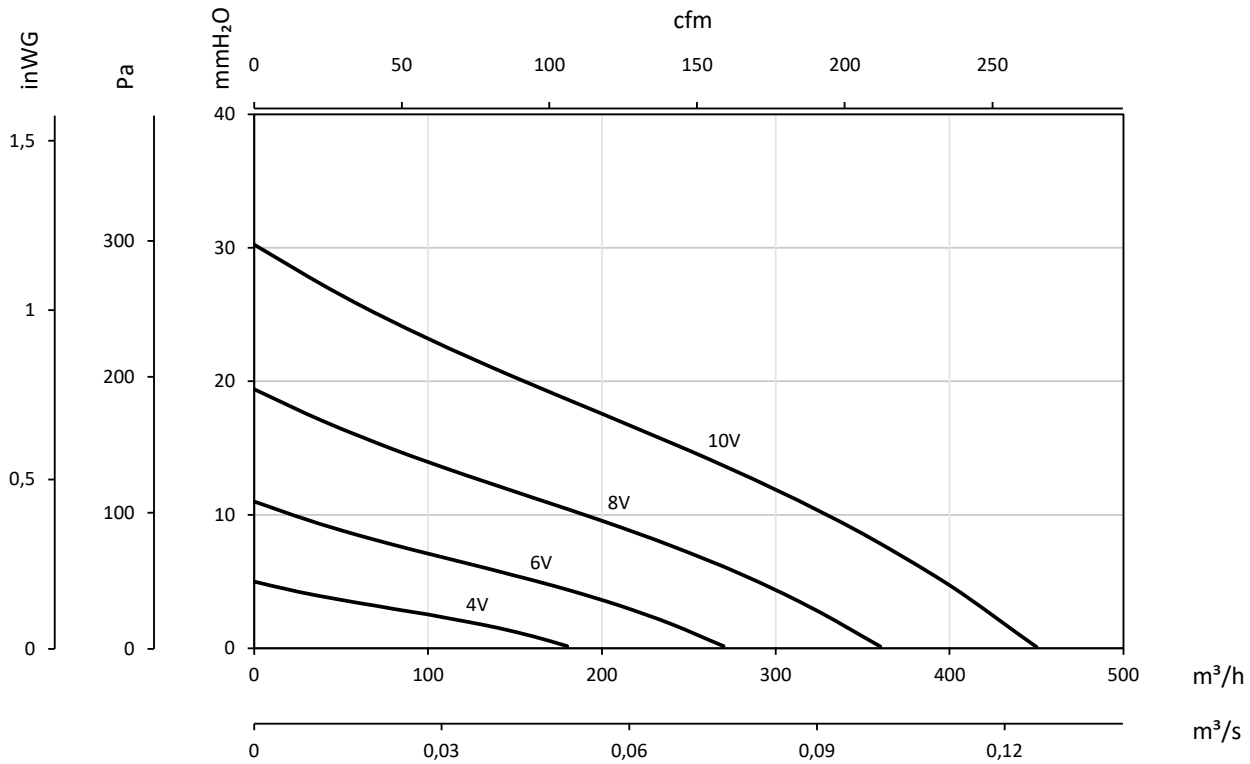
Characteristic curves

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

NEOSILENT/EC-100



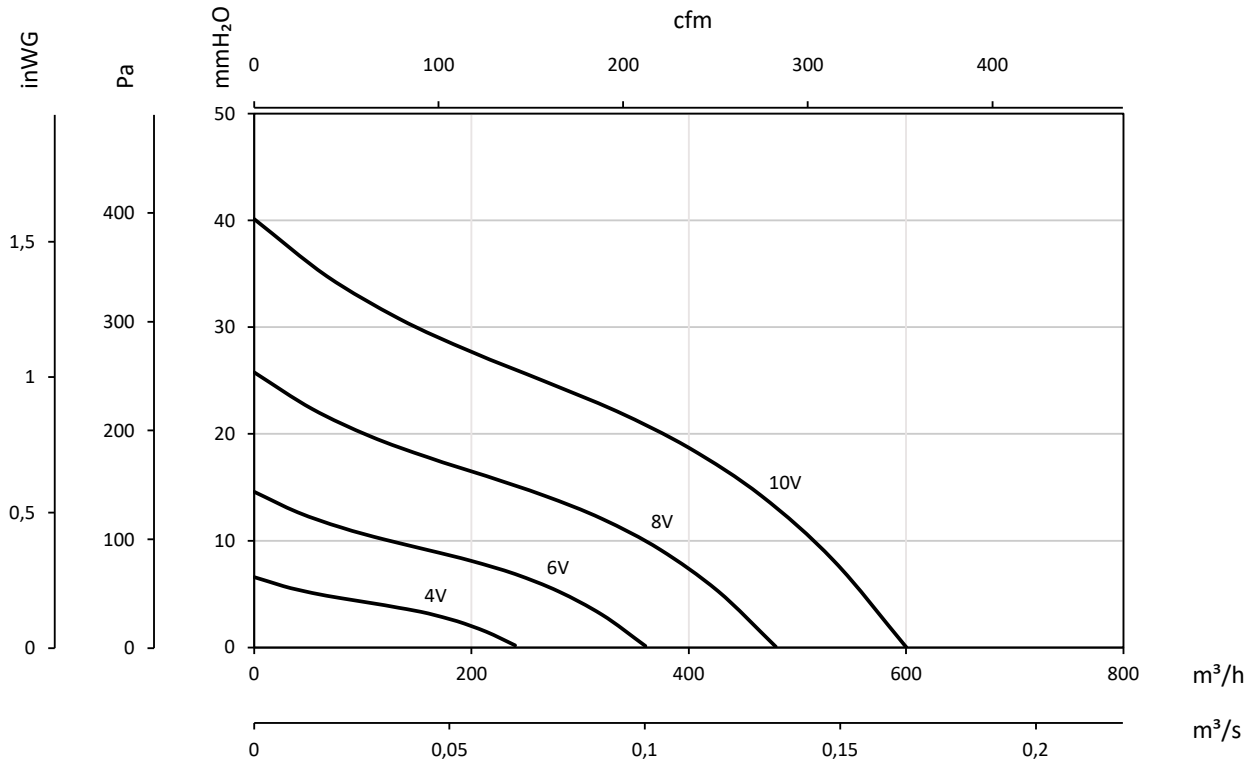
NEOSILENT/EC-125



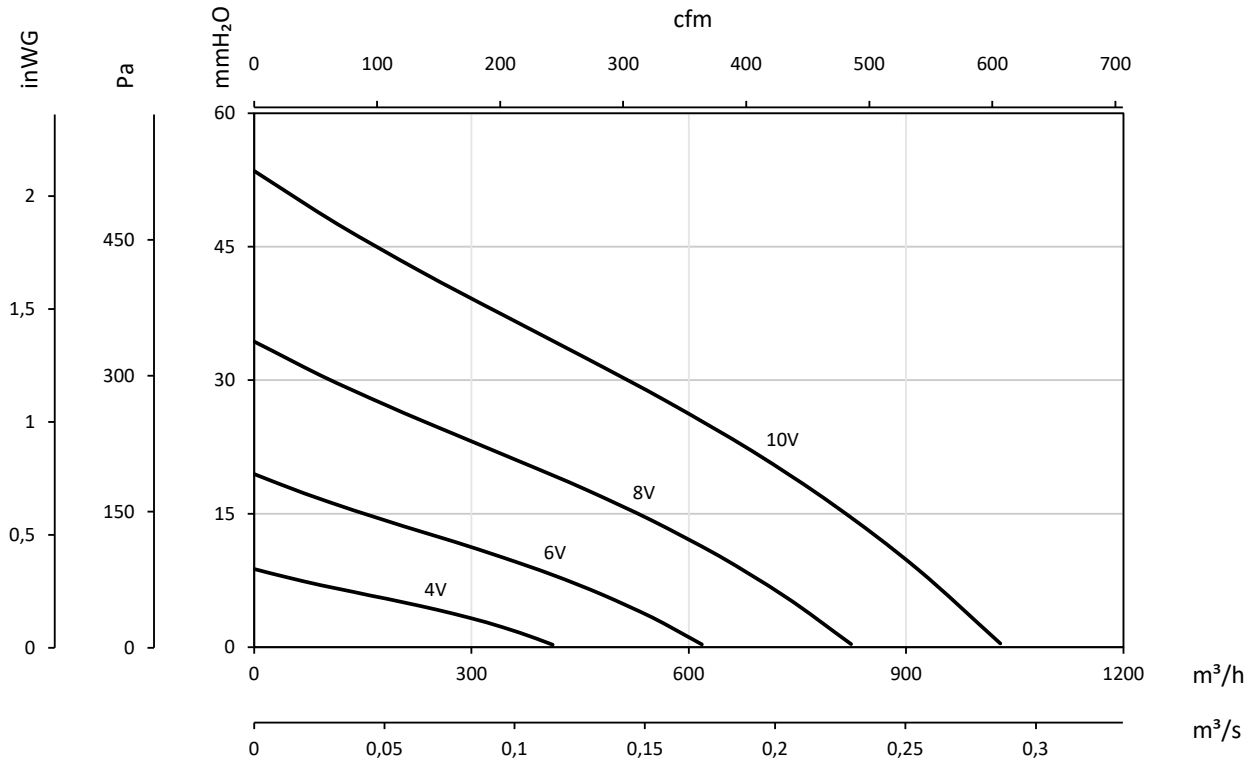
Characteristic curves

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

NEOSILENT/EC-150
NEOSILENT/EC-160



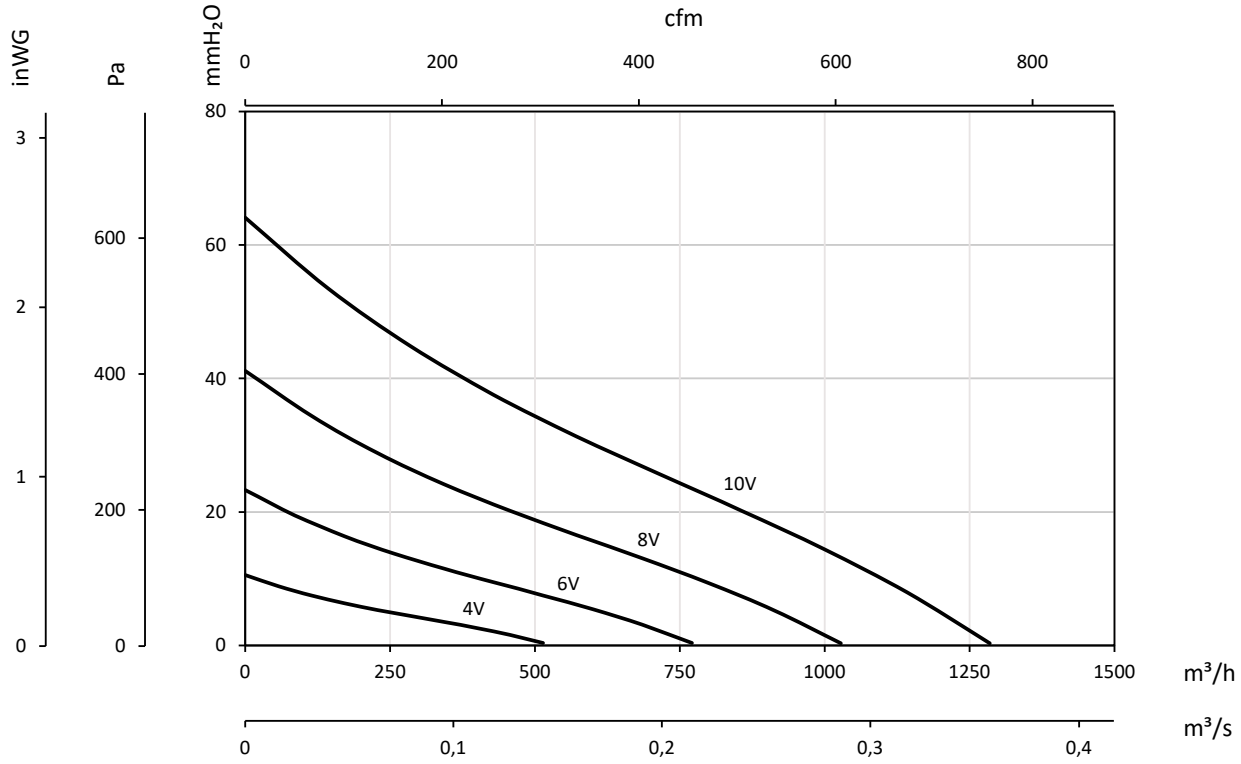
NEOSILENT/EC-200



Characteristic curves

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

NEOSILENT/EC-250



NEOSILENT/EC-315