

RD/LINE/EC

In-line circular duct fans with EC Technology motor for radon gas mitigation



In-line circular duct fans with EC Technology motor, for the mitigation of radon gas in ventilation solutions for containment spaces and/or ground depressurization.

Fan:

- High pressure performance available.
- Designed to ensure watertightness.
- Hermetic sealing. Losses less than 0.25% at 250 Pa.
- External terminal box.
- Support foot included.
- Quick and easy to install.

Motor:

- EC Technology motors with long-life ball bearings adjustable via 0-10 V. IPX5 protection.
- Single-phase 220-240 V 50/60 Hz.
- Working temperature: +1 °C +40 °C.

Finish:

- Made of high quality ABS plastic material.

Order code

RD/LINE/EC	—	100
↓		↓
RD/LINE/EC: In-line circular duct fans with EC Technology motor for radon gas mitigation		Nozzle diameter in cm 100 200

Technical characteristics

Model	Speed (r/min)	Maximum admissible current (A) 230V	Max. electric power (W)	Maximum flow rate (m³/h)	Sound pressure level¹ dB(A) Irradiated	Approx. weight (Kg)
RD/LINE/EC-100	3400	0.62	82	340	40	2
RD/LINE/EC-200	2700	0.64	84	880	46	3

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.

Acoustic characteristics

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

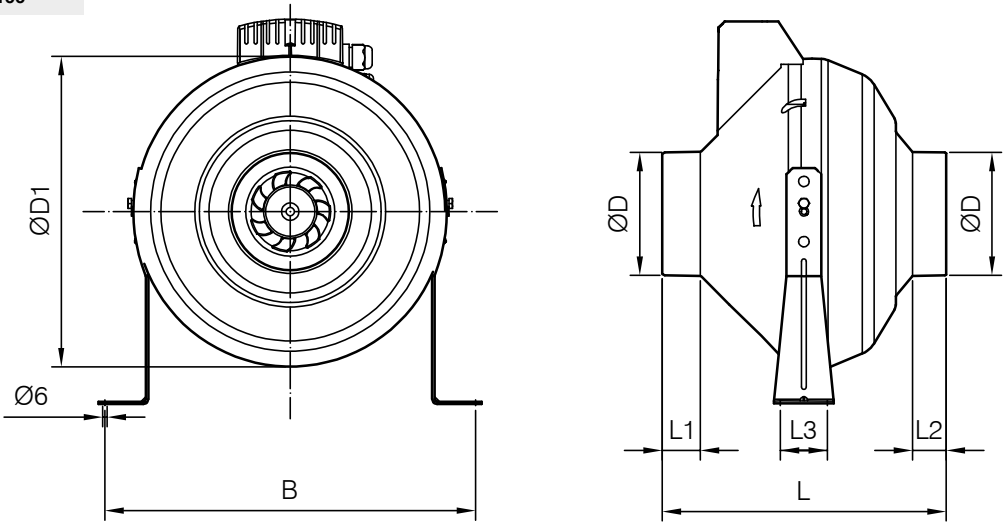
Sound power spectrum Lw(A) in dB(A) per Hz frequency band

Irradiated values at maximum flow rate

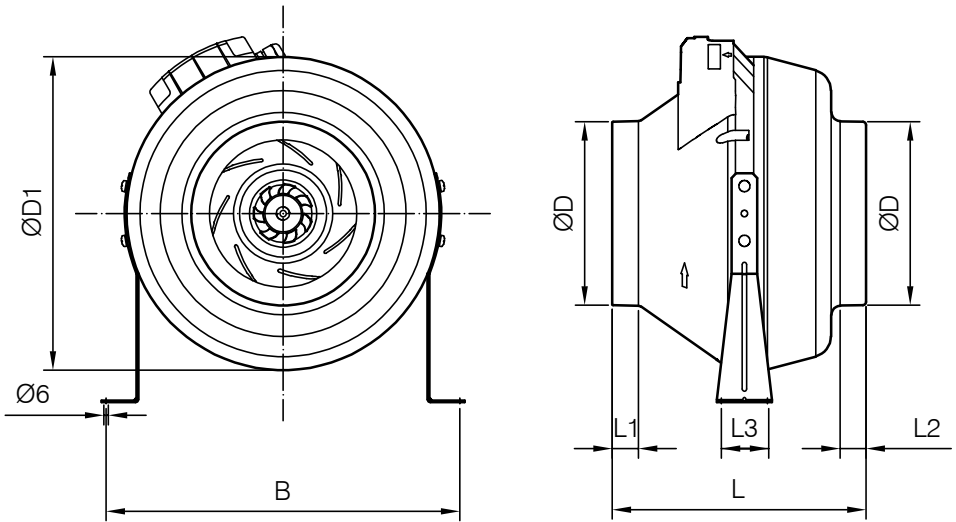
	63	125	250	500	1000	2000	4000	8000
RD/LINE/EC-100	29	44	52	56	55	54	44	31
RD/LINE/EC-200	27	49	60	62	61	60	52	39

Dimensions mm

RD/LINE/EC-100



RD/LINE/EC-200



	ØD	ØD1	B	L	L1	L2	L3
RD/LINE/EC-100	100	250	270	230	30	27	30
RD/LINE/EC-200	200	340	354	276	30	30	40

Accessories



INT



MTP



BA/BI



RC



BE



COMPUERTAS
ANTIRETORNO



SC



BE-AC



CJFILTER

Characteristic curves

Q= Flow rate in m³/h, m³/s and cfm

Pe= Static pressure in mm H₂O, Pa and inwg

