



# CA/LINE-20

Code: 1129396



## In-line circular duct extractor fans with 3 speed motors

### Fan:

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

### Motor:

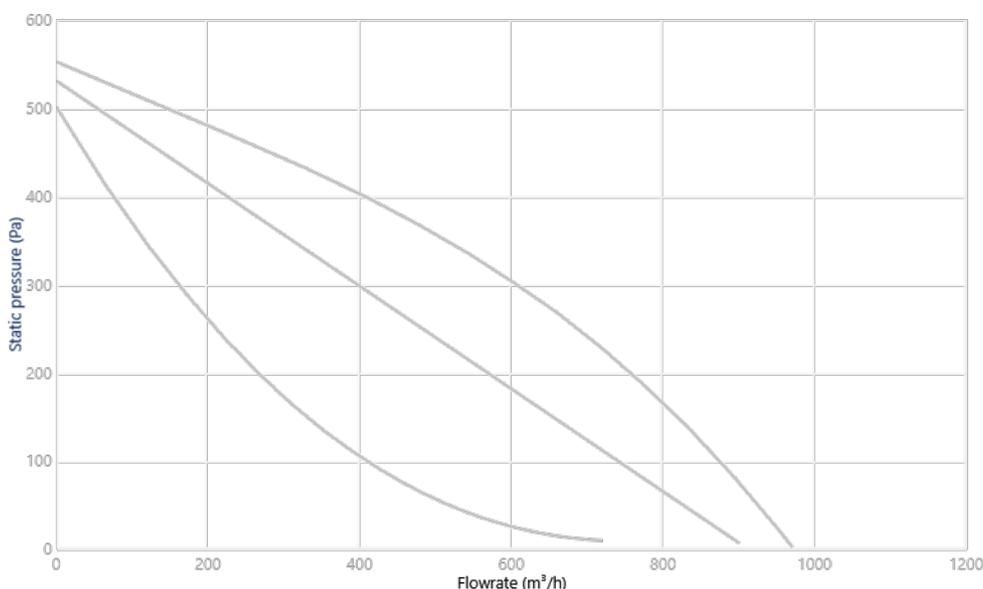
- 3-speed motors with long life ball bearings. IP44 protection.
- Single-phase 220-240 V 50/60 Hz.
- Working temperature: -25 °C +60 °C.

### Finish:

- Galvanised steel sheet.



## CHARACTERISTIC CURVE AND ACOUSTICS AT 1.2KG/M<sup>3</sup>



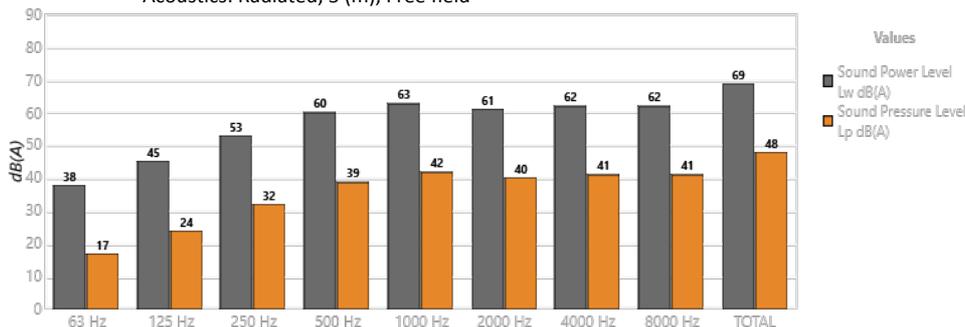
### Design Point

Q (m³/h)	
Ps (Pa)	

### Service Point (SP)

Q (m³/h)	-
Ps (Pa)	-
Pd (Pa)	-
Pt (Pa)	-

Acoustics: Radiated, 3 (m), Free field



Band	Lw dB(A)	Lp dB(A)
63 Hz	38	17
125 Hz	45	24
250 Hz	53	32
500 Hz	60	39
1000 Hz	63	42
2000 Hz	61	40
4000 Hz	62	41
8000 Hz	62	41
TOTAL	69	48

## TECHNICAL CHARACTERISTICS

Airflow maximum (m³/h)	970
Speed (rpm)	2740
Maximum static pressure (Pa)	552
Maximum total pressure (Pa)	552



ERP

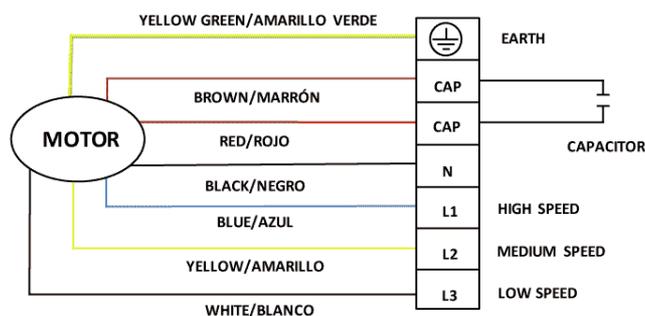
Brand	SODECA, S.L.U.
Model	CA/LINE-20
Specific energy consumption (SEC) average climate (kWh/(m <sup>2</sup> .yr))	-24.0
Specific energy consumption (SEC) cold climate (kWh/(m <sup>2</sup> .yr))	-51.0
Specific energy consumption (SEC) warm climate (kWh/(m <sup>2</sup> .yr))	-8.5
SEC class	C
Typology	RVU / UVU
Drive type	Multi-speed
HRS type	None
Maximum flow rate (m <sup>3</sup> /h)	857
Electric power input of the fan drive at maximum flow rate (W)	158
Sound power level (LWA) (dBA)	69
Reference flow rate (m <sup>3</sup> /s)	0.167
Reference pressure difference (Pa)	295
SPI (W/m <sup>3</sup> /h)	0.260
Control factor	0.65

Control typology	Local demand control
Declared max. internal leakage rate (%)	2.0%
Max. external leakage rate (%)	0.8%
Position and description of visual filter warning	Not applicable
Instructions to install regulated grilles	See manual
Website	www.sodeca.com
Annual electricity consumption (AEC) average climate (kWh/yr)	200
Annual electricity consumption (AEC) warm climate (kWh/yr)	200
Annual electricity consumption (AEC) cold climate (kWh/yr)	200
Annual heating saved (AHS) average climate (kWh/yr)	2800
Annual heating saved (AHS) warm climate (kWh/yr)	1300
Annual heating saved (AHS) cold climate (kWh/yr)	5500
ErP compliance	2018

MOTOR DATA

Max. Electrical Power (kW)	0.16
Hz/phases	50/1
Motor (rpm)	2740
Max. current (A) 220-240 V	0.61
Motor protection	IP44

Data can change, please check motor plate



DIMENSIONS

A	B	ød	øD	E	F	øK	C
242	373	199	333	402	190	5	100

Dimensions without explicitly defined units are shown in millimeters (mm). Dimensions depending on the motor are approximate

Approx. weight (kg)	5.7
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