



# CL/PLUS/EC

- E.C. TECHNOLOGY MOTOR WITH BUILT-IN ELECTRONICS
- INSPECTION HATCH FOR EASY MAINTENANCE
- 40MM THICK ACOUSTIC CASING
- EASY TO INSTALL IN ANY POSITION



IN-LINE EXTRACT FANS  
FOR RECTANGULAR DUCTS



## CL/PLUS/EC

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The CL/PLUS/EC in-line fan line has been designed for installation in tight spaces and false ceilings.

The 40 mm thick acoustic casing, which reduces noise through the use of high-quality insulation materials designed for these applications, makes it the perfect fan for installation in applications that require low noise levels.

Save energy is an important consideration when selecting this fan. The high performance E.C. Technology electric motor is a key element in reducing electrical consumption, in addition to being easy to regulate with any 0-10V signal.

Specially designed for easy installation in rectangular ducts, it is easy to maintain thanks to its inspection hatch and backward curved impeller blades, which minimise the build-up of dust and dirt.



# CL/PLUS/EC



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



**Fan:**

- Galvanised sheet steel casing.
- 40mm thick acoustic casing.
- Impeller with backward curved blades.
- Linear airflow direction.
- Fitted with a folding inspection hatch for ease of maintenance.

- Single-phase 200-240V– 50/60Hz and three-phase 380-480V– 50/60Hz.
- Temperature of air through fan: -25°C to +60°C

**Finish:**

- Anti-corrosive finish on galvanised sheet steel.

**Motor:**

- High efficiency E.C. Technology motors with external rotor, regulated by 0-10V signal.

## Order code

**CL/PLUS/EC — 5030**

CL/PLUS/EC: In-line extract fans for rectangular ducts with acoustic insulation and E.C. Technology motor.

Connection dimensions

## Technical characteristics

Model	Speed (r/min)	Maximum admissible current (A)		Max. electric power (W)	Maximum flow rate (m³/h)	Sound pressure level at 50% of max. speed* dB(A)	Weight (kg)	According ErP
		230V	400V					
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



SPEED CONTROL



SENSORS



INT



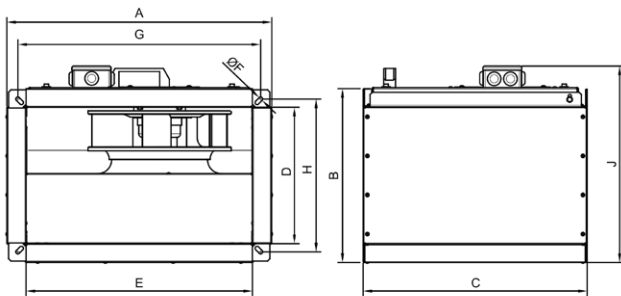
## Acoustic characteristics

Sound power spectrum Lw(A) in dB(A) per Hz frequency band.  
Irradiated values at maximum speed and medium flow rate.

Model	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

Model	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

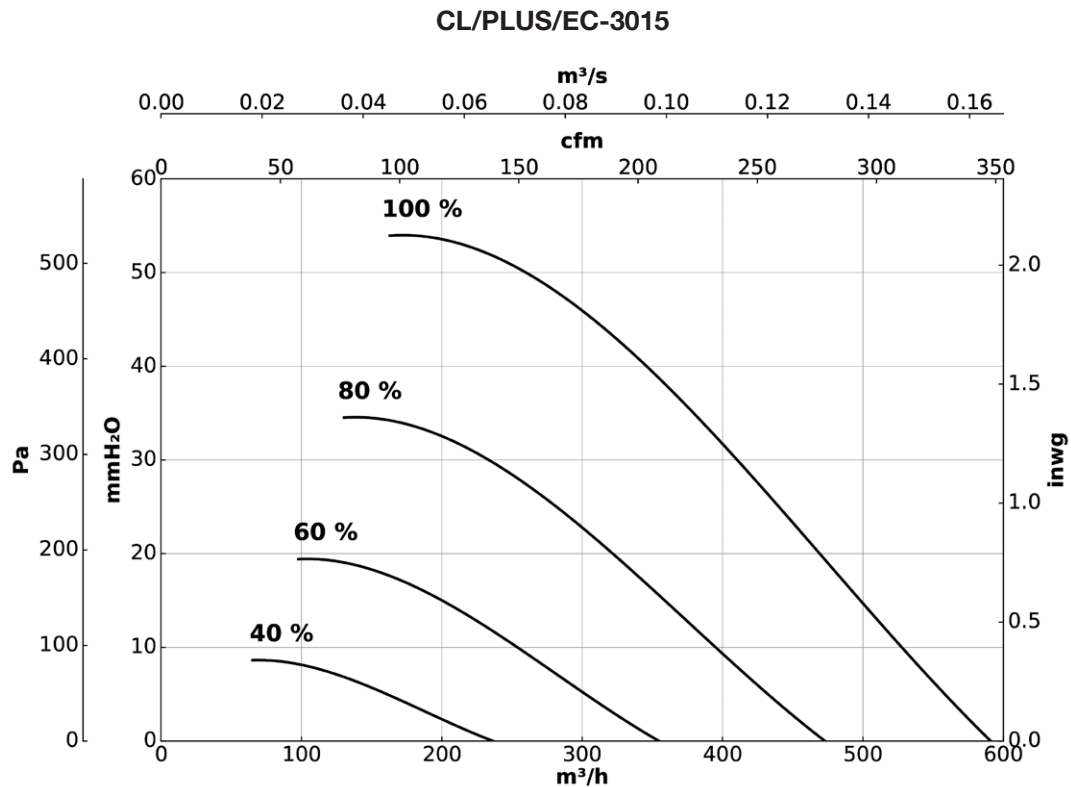


Model	A	B	C	D	E	ØF	G	H	J
CL/PLUS/EC-3015	385	235	335	150	300	Ø9	335	185	280
CL/PLUS/EC-4020	485	285	415	200	400	Ø9	435	235	330
CL/PLUS/EC-5030	495	385	495	300	500	Ø9	535	335	430
CL/PLUS/EC-6030	685	385	610	300	600	Ø9	635	335	430
CL/PLUS/EC-6035	685	435	610	350	600	Ø9	635	385	480
CL/PLUS/EC-7040	785	485	705	400	700	Ø9	735	435	540
CL/PLUS/EC-8050	885	585	825	500	800	Ø9	835	535	630

## Characteristic curves

Flow rate in m<sup>3</sup>/h, m<sup>3</sup>/s and cfm.

Static pressure in mm H<sub>2</sub>O, Pa and inwg.

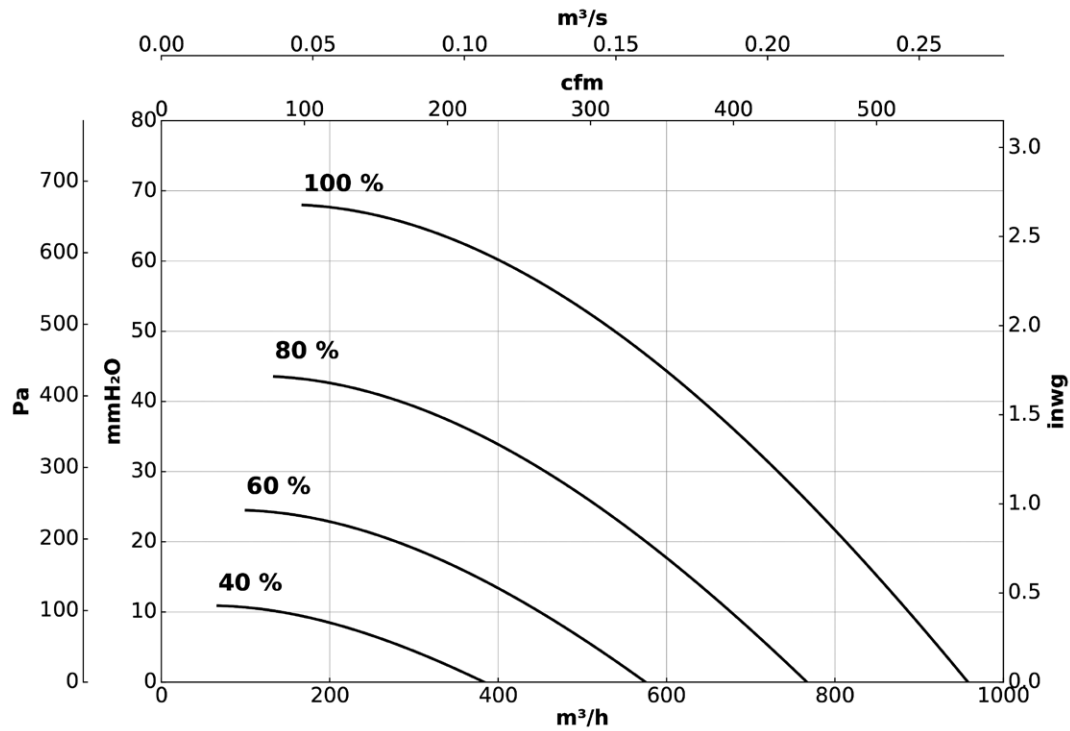


### Characteristic curves

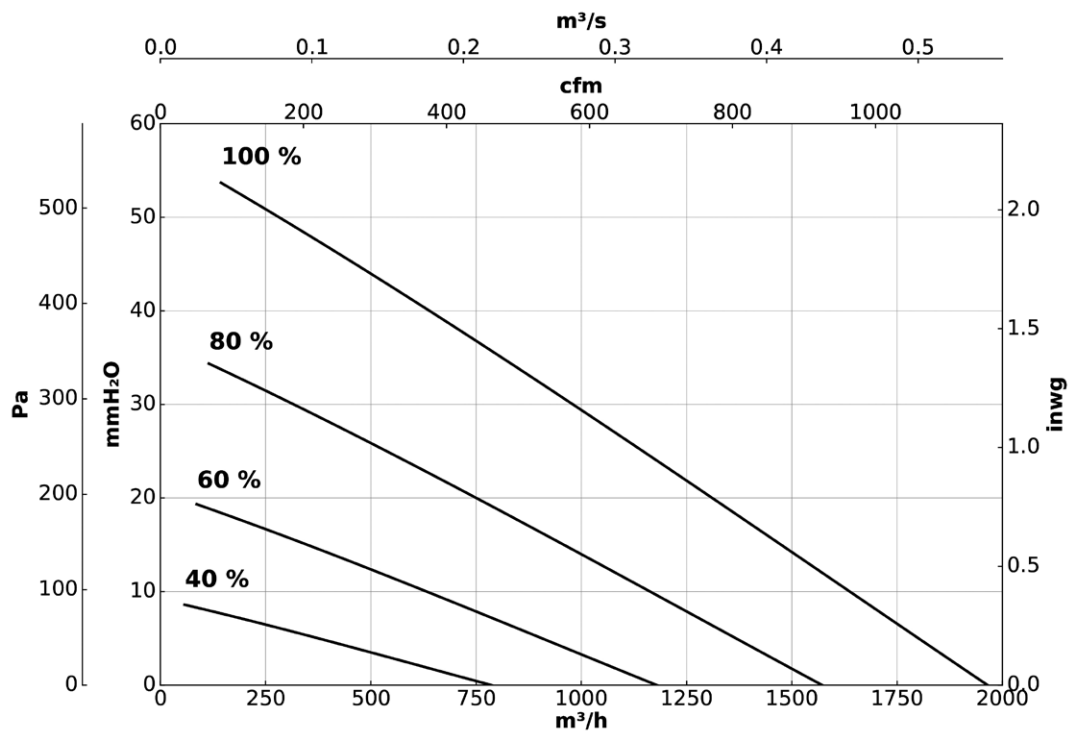
Flow rate in m<sup>3</sup>/h, m<sup>3</sup>/s and cfm.

Static pressure in mm H<sub>2</sub>O, Pa and inwg.

#### CL/PLUS/EC-4020



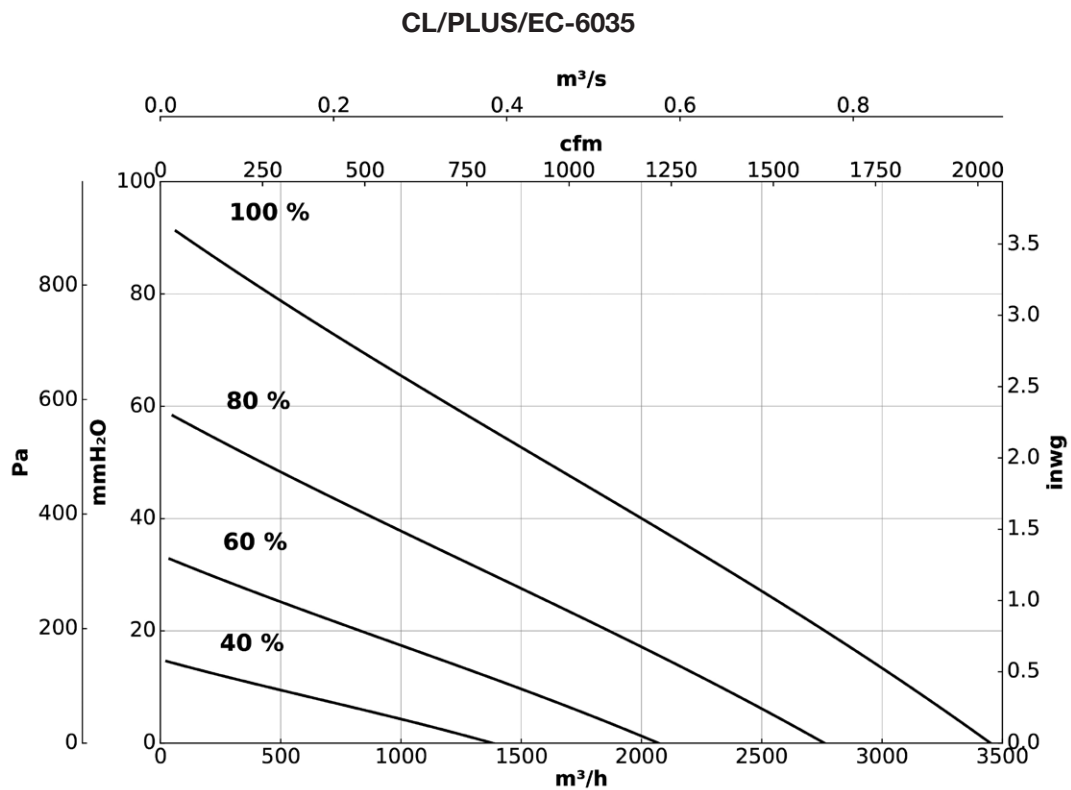
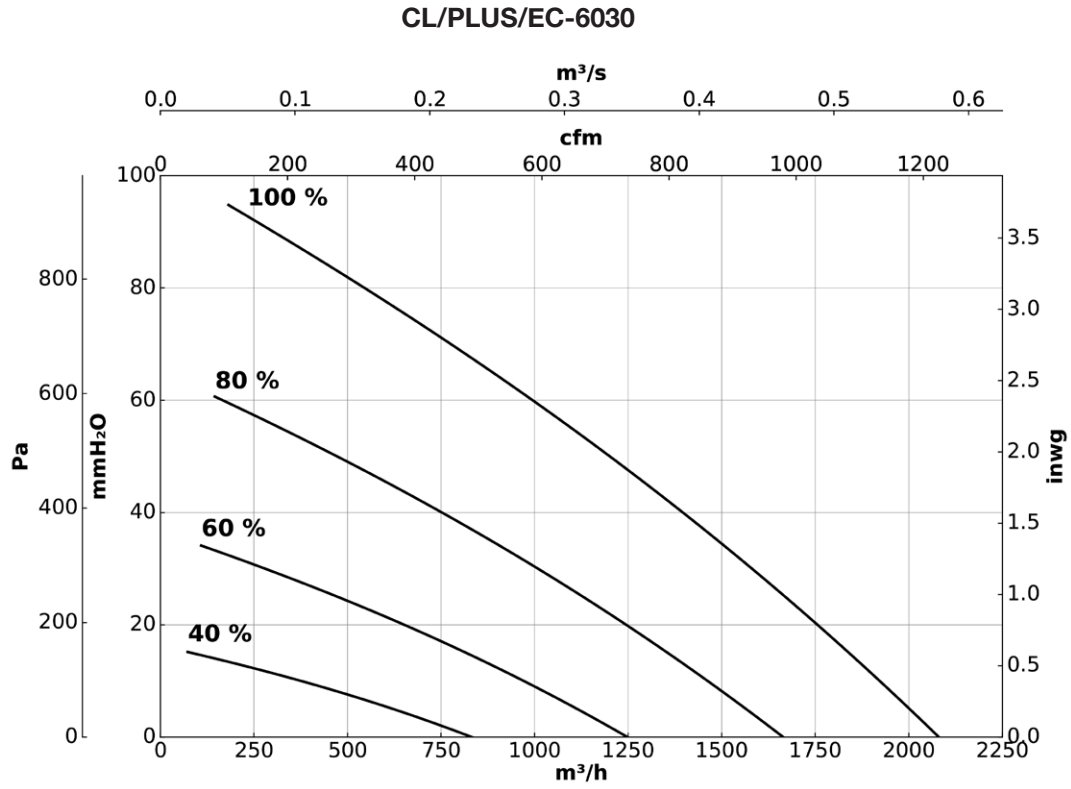
#### CL/PLUS/EC-5030



### Characteristic curves

Flow rate in m<sup>3</sup>/h, m<sup>3</sup>/s and cfm.

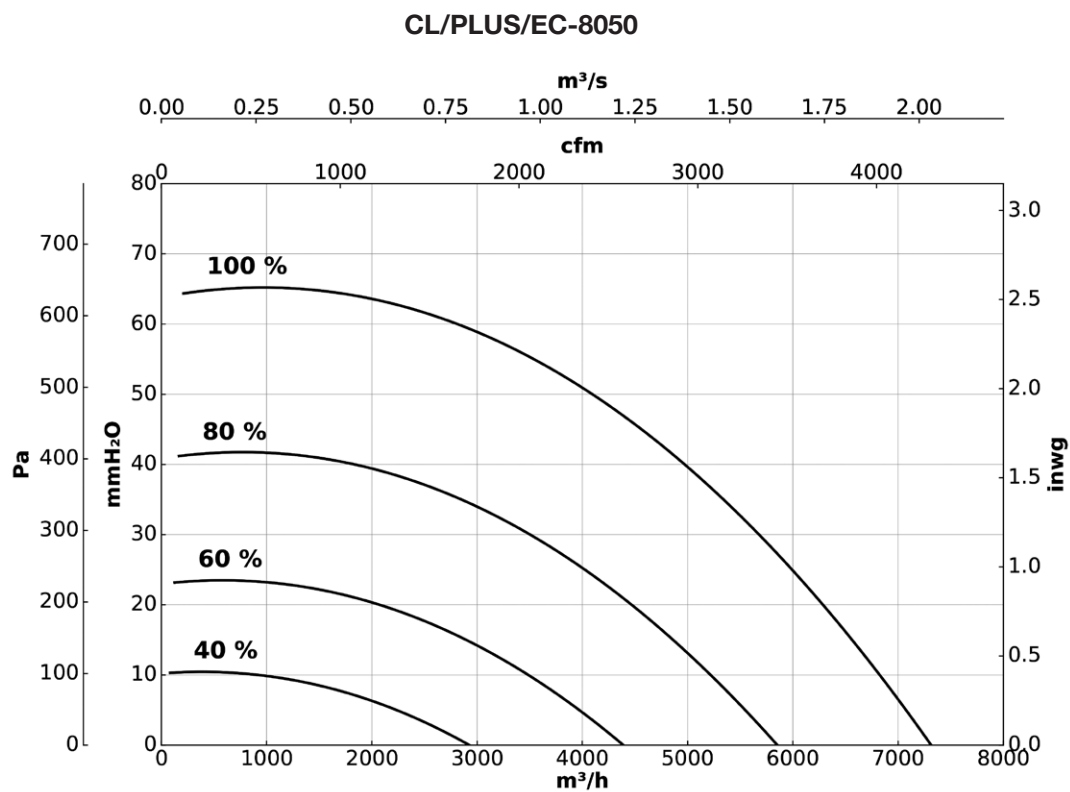
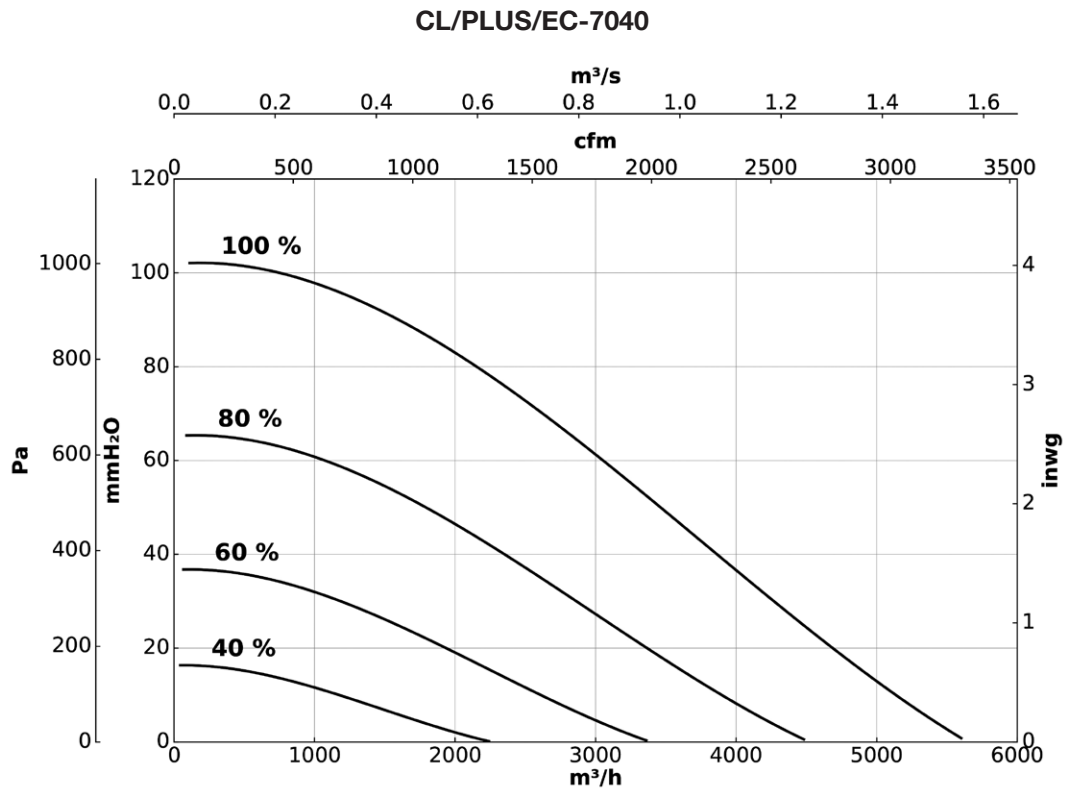
Static pressure in mm H<sub>2</sub>O, Pa and inwg.



### Characteristic curves

Flow rate in m<sup>3</sup>/h, m<sup>3</sup>/s and cfm.

Static pressure in mm H<sub>2</sub>O, Pa and inwg.



**HEADQUARTERS****Sodeca, S.L.U.**

Pol. Ind. La Barricona  
Carrer del Metall, 2  
E-17500 Ripoll  
Girona, SPAIN  
Tel. +34 93 852 91 11  
Fax +34 93 852 90 42  
General sales: comercial@sodeca.com  
Export sales: ventilation@sodeca.com

**PRODUCTION PLANT****Sodeca, S.L.U.**

Ctra. de Berga, km 0,7  
E-08580 Sant Quirze de Besora  
Barcelona, SPAIN  
Tel. +34 93 852 91 11  
Fax +34 93 852 90 42  
General sales: comercial@sodeca.com  
Export sales: ventilation@sodeca.com

**EUROPE****FINLAND****Sodeca Finland, Oy**

HUITTINEN  
Sales and Warehouse  
Mr. Kai Yli-Sipilä  
Metsälinnankatu 26  
FI-32700 Huittinen  
Tel. + 358 400 320 125  
orders.finland@sodeca.com

HELSINKI  
Smoke Control Solutions  
Mr. Antti Kontkanen  
Vilppulantie 9C  
FI-00700 Helsinki  
Tel. +358 400 237 434  
akontkanen@sodeca.com

HYVINKÄÄ  
Industrial Applications  
Mr. Jaakko Tomperi  
Niinistökatu 12  
FI-05800 Hyvinkää  
Tel. +358 451 651 333  
jtomperi@sodeca.com

**ITALIA****Marelli Ventilazione, S.R.L.**

Sr. Christian Tosetti  
Viale del Lavoro, 28  
37036 San Martino B.A.  
(VR), ITALY  
Tel. +39 045 87 80 140  
Fax +39 045 99 22 24  
info@marelliventilazione.com

**PORTUGAL****Sodeca Portugal, Unip. Lda.**

PORTO  
Rua Veloso Salgado 1120/1138  
4450-801 Leça de Palmeira  
Tel. +351 229 991 100  
geral@sodeca.pt

LISBOA  
Pq. Emp. da Granja Pav. 29  
2625-607 Vialonga  
Tel. +351 219 748 491  
geral@sodeca.pt

ALGARVE  
Rua da Alegria S/N  
8200-557 Cortesões  
Tel. +351 289 092 586  
geral@sodeca.pt

**UNITED KINGDOM****Sodeca Fans UK, Ltd.**

Mr. Mark Newcombe  
Tamworth Enterprise Centre  
Philip Dix House, Corporation  
Street, Tamworth, B79 7DN  
UNITED KINGDOM  
Tel. +44 (0) 1827 216 109  
sales@sodeca.co.uk

**AMERICA****CHILE****Sodeca Ventiladores, SpA.**

Sra. Sofia Ormazábal  
Santa Bernardita 12.005  
(Esquina con Puerta Sur)  
Bodegas 24 a 26,  
San Bernardo, Santiago, CHILE  
Tel. +56 22 840 5582  
ventas.chile@sodeca.com

**COLOMBIA****Sodeca Latam, S.A.S.**

Sra. Luisa Stella Prieto  
Calle 7 No. 13 A-44  
Manzana 4 Lote 1, Montana  
Mosquera, Cundinamarca  
Bogotá, COLOMBIA  
Tel. +57 1 756 4213  
ventascolombia@sodeca.co

**PERU****Sodeca Perú, S.A.C.**

Sr. Jose Luis Jiménez  
C/ Mariscal Jose Luis de  
Orbegoso 331. Urb. El pino.  
15022, San Luis. Lima, PERÚ  
Tel. +51 1 326 24 24  
Cel. +51 994671594  
comercial@sodeca.pe

**RUSSIA****Sodeca, L.L.C.**

Mr. Stanislav Alifanov  
Severnoye Shosse, 10 room 201  
Business Park Plaza Ramstars  
140105 Ramenskoye,  
Moscow region, RUSSIA  
Tel. +7 495 955 90 50  
alifanov@sodeca.com



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