

KIT SV/FILTER-CO2

CO₂ reduction kit with filtration



F7 + F9

CO₂ reduction kit with filtration consisting of an intelligent surface control and a series of filtration units for circular ducts.

Fan:

- Acoustic casing covered with sound absorbing material.
- Standardised inlet and outlet flanges with watertight joints.
- F7 + F9 filters. Other combinations on request.
- Easy access inspection and cleaning cover with manual fasteners.
- Centrifugal fan with a backward curved impeller.
- Integrated support into the box which facilitates its assembly.
- Linear airflow direction.
- 3 pressure taps for individual control of the two filtration stages.
- Installation in any position.
- With guide slot for 48 mm prefilter.
- More efficient filter anti-by-pass adjustment.

Control:

- Proportional regulation according to setpoint and CO₂ measurement.
- Time programming.
- Wall-mounted.
- Integrated CO₂ sensor.
- Power supply 230 V 50/60 Hz.
- Version W: with WiFi connectivity.

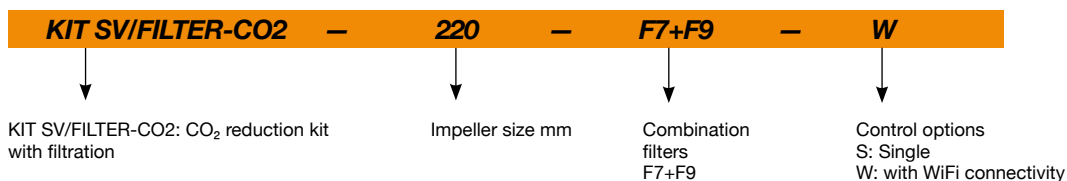
Motor:

- High efficiency external rotor EC Technology motors, adjustable via 0-10 V signal.
- Single-phase 220-240 V 50/60 Hz, IP54 protection.
- Maximum temperature of air to be carried: -25 °C +60 °C.

Finish:

- Anti-corrosive in galvanized steel sheet.

Order code



Technical characteristics

Model	Speed	Maximum admissible current (A)	Maximum power	Maximum flow rate (m ³ /h)	Sound pressure level at 50% of max speed.*	Approx. weight (Kg)	According ErP
	(r/min)	230V	(kW)	F7+F9	dB (A)		
KIT SV/FILTER-CO2-150	3540	0.97	0.12	527	38	14	2018
KIT SV/FILTER-CO2-200	3265	1.35	0.18	734	45	17	2018
KIT SV/FILTER-CO2-250	2850	1.35	0.18	850	49	19	2018
KIT SV/FILTER-CO2-315	2320	2.00	0.45	1806	52	34	2018
KIT SV/FILTER-CO2-350	1460	1.45	0.19	1382	42	39	2018
KIT SV/FILTER-CO2-400	1700	4.70	0.75	3024	52	66	2018

* Irradiated sound pressure level in dB(A) at a distance of 1 m.



Erp. (Energy Related Products)

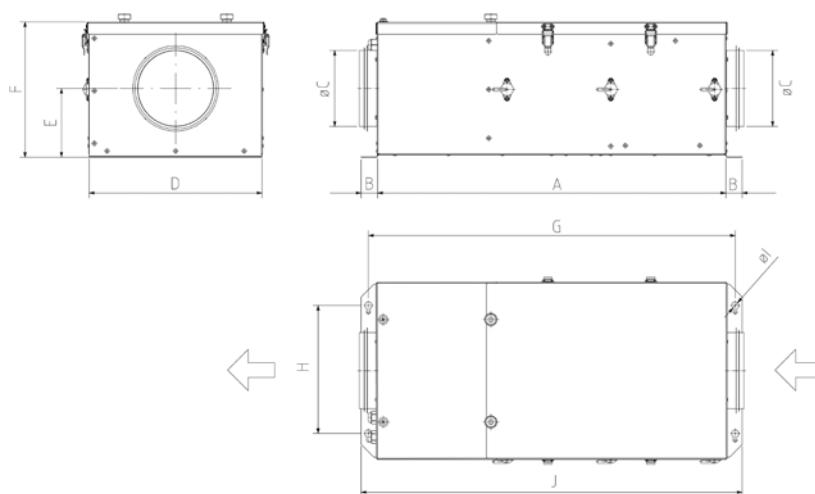
Information on Directive 2009/125/EC can be downloaded from the SODECA website or the QuickFan selector programme.

Acoustic characteristics

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

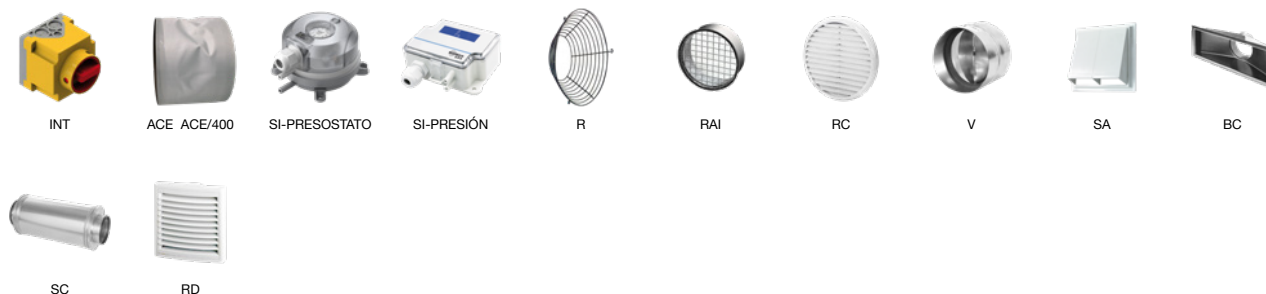
	63	125	250	500	1000	2000	4000	8000
KIT SV/FILTER-CO2-150	56	52	56	54	48	43	39	33
KIT SV/FILTER-CO2-200	63	59	63	61	55	50	46	40
KIT SV/FILTER-CO2-250	67	63	67	65	59	54	50	44
KIT SV/FILTER-CO2-315	69	66	70	67	61	57	53	47
KIT SV/FILTER-CO2-350	59	56	60	58	53	50	47	41
KIT SV/FILTER-CO2-400	70	66	70	68	62	57	53	47

Dimensions mm



	A	B	ØC	D	E	F	G	H	ØI	J
KIT SV/FILTER-CO2-150	680	34.5	150	340	134.5	262.5	715	250	14	750
KIT SV/FILTER-CO2-200	700	38.5	200	395	152	300	735	290	14	780
KIT SV/FILTER-CO2-250	750	48.5	250	420	162	323	785	335	14	850
KIT SV/FILTER-CO2-315	830	58	310	520	202	404	865	435	14	950
KIT SV/FILTER-CO2-350	920	56	350	610	223.5	446	955	525	14	1030
KIT SV/FILTER-CO2-400	1000	60.5	400	670	251.5	505.5	1030	575	14	1120

Accessories

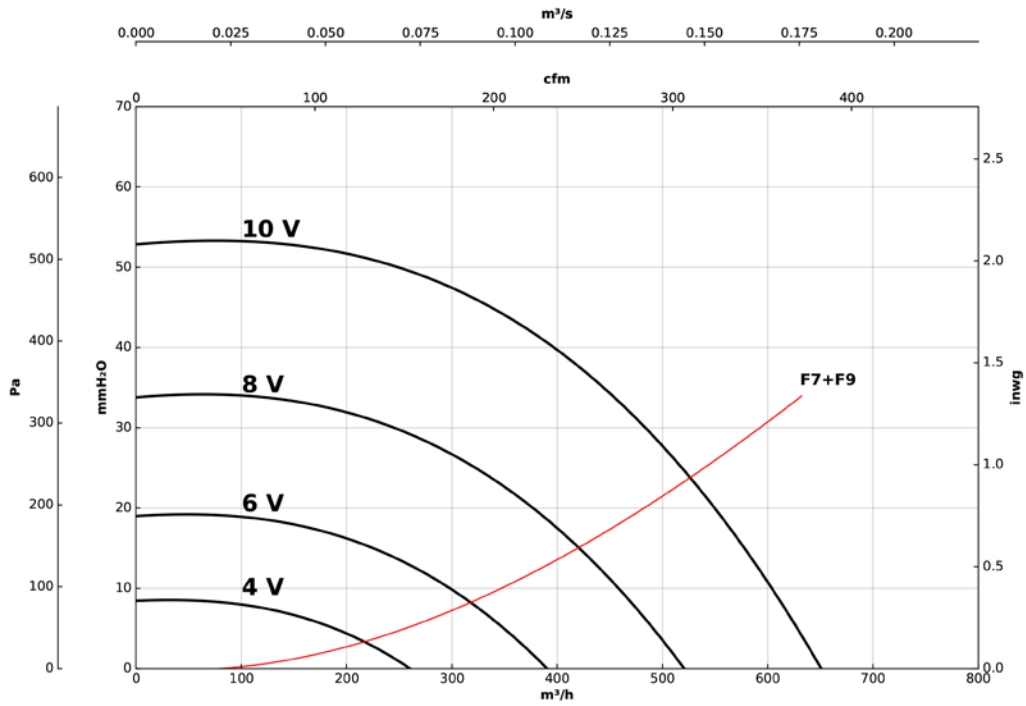


Characteristic curves

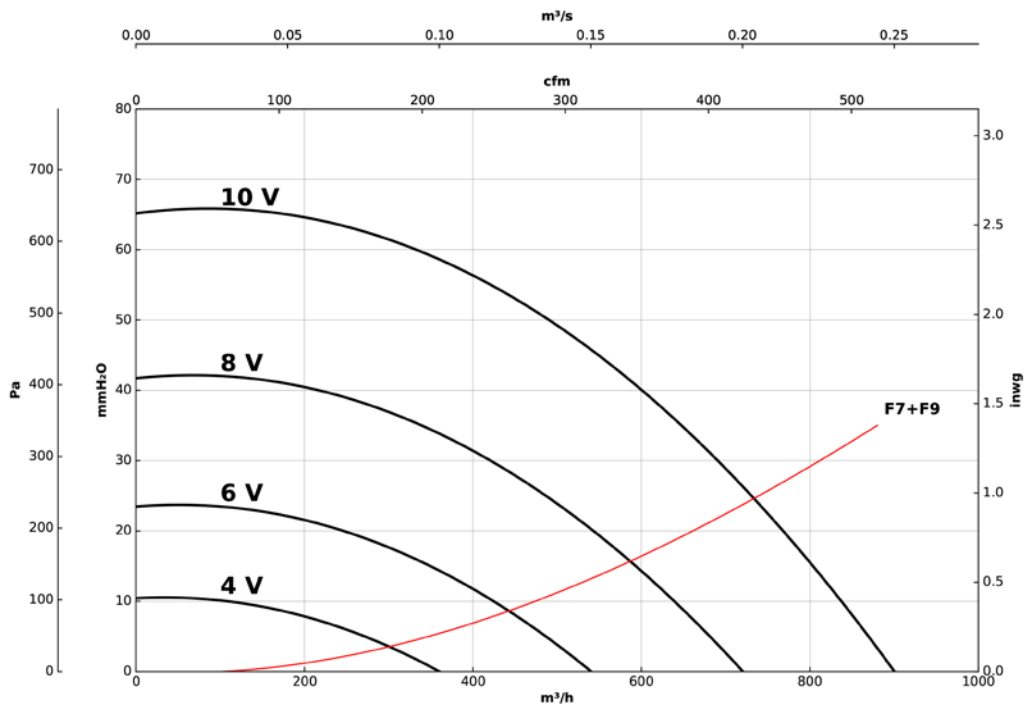
Q= Flow rate in m³/h, m³/s and cfm

Pe= Static pressure in mm H₂O, Pa and inwg

KIT SV/FILTER-CO2-150



KIT SV/FILTER-CO2-200

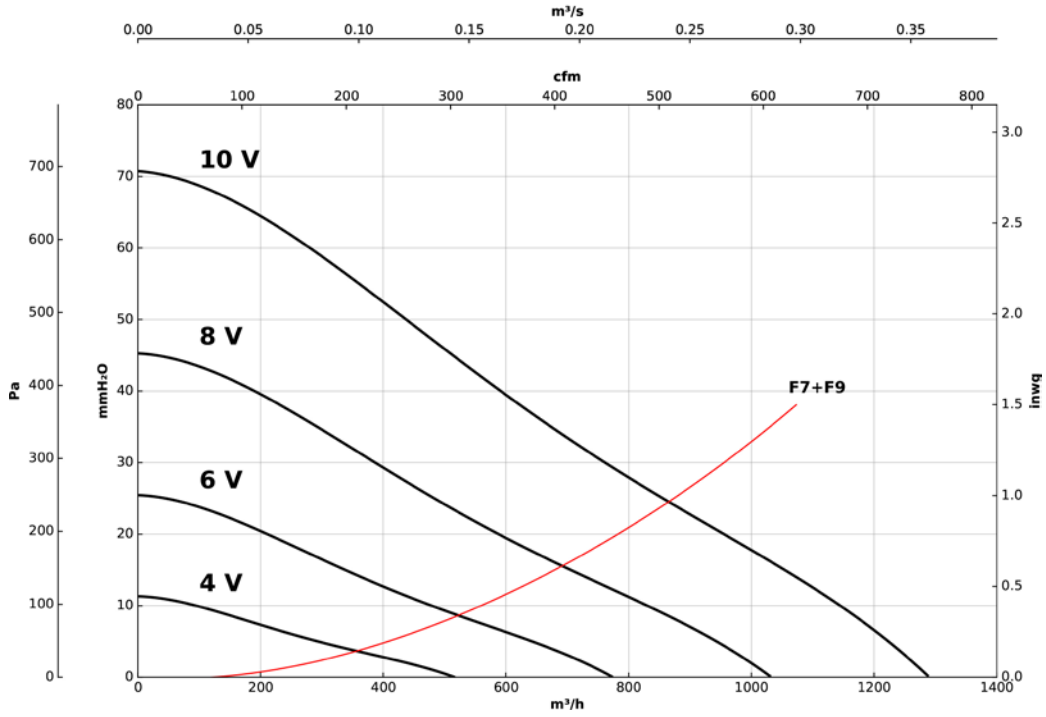


Characteristic curves

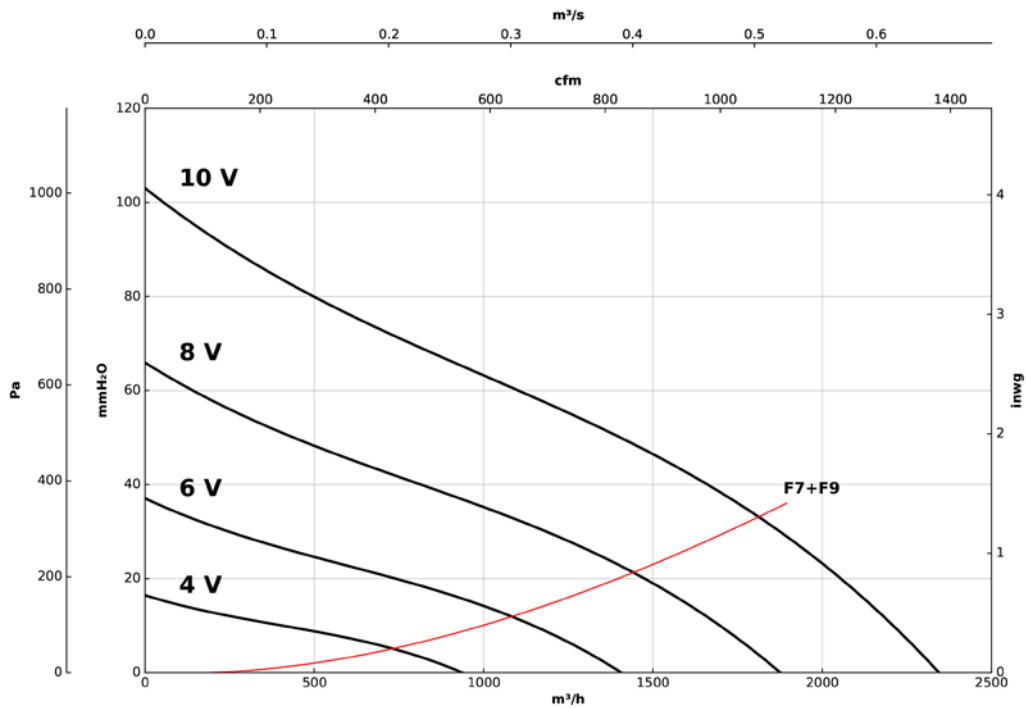
Q= Flow rate in m³/h, m³/s and cfm

Pe= Static pressure in mm H₂O, Pa and inwg

KIT SV/FILTER-CO2-250



KIT SV/FILTER-CO2-315

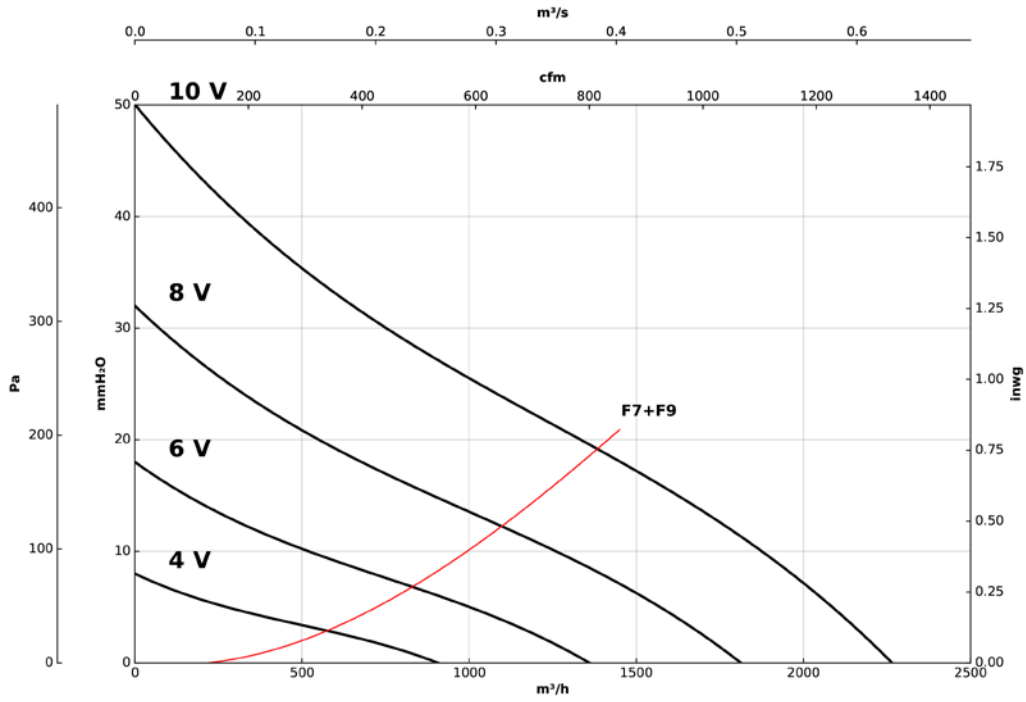


Characteristic curves

Q= Flow rate in m³/h, m³/s and cfm

Pe= Static pressure in mm H₂O, Pa and inwg

KIT SV/FILTER-CO2-350



KIT SV/FILTER-CO2-400

