

SVE/PLUS/EW



E.C. TECHNOLOGY
WITH BUILT-IN VSD



In-line, low noise duct extractor fans mounted inside a 40 mm phonoabsorbent acoustic casing.



Fan:

- Acoustic casing coated with phonoabsorbent material.
- All models fitted with a reaction impeller.
- Standardised inlet and impulsion flanges allowing for easy installation in ducts.
- Fitted with a folding inspection cover.
- Support feet built into the box, for easy installation.
- Linear airflow direction.
- Speed controlled by a built-in 10 k Ω MTP010 power meter or an external 0-10 V signal.

Motor:

- Single-phase 200-240 V 50/60 Hz, IP54 protection. Except model SVE/PLUS/EW-400/H, 200-277 V 50/60 Hz, IP55 protection.

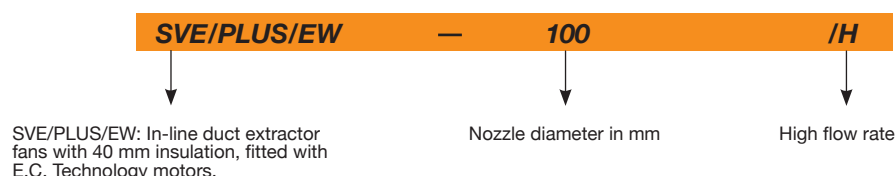
- Maximum temperature of air to be carried: -25 °C +60 °C. Except model SVE/PLUS/EW-200/H, -25 °C +45 °C.
- External E.C. Technology rotor motors with high efficiency and built-in variable speed drive controlled by 0-10 V signal.

Finish:

- Anti-corrosive finish on galvanised sheet steel.



Order code



Technical characteristics

	Speed (rpm)	Maximum admissible current 230 V (A)	Max. electric power (kW)	Maximum flow rate (m ³ /h)	Sound pressure level at 50% of max. speed* dB(A)	Approx. weight (kg)	According to ErP
SVE/PLUS/EW-100/H	3200	0.75	0.083	450	38	11	2018
SVE/PLUS/EW-125/H	3200	0.75	0.083	500	36	11	2018
SVE/PLUS/EW-150/H	3200	0.75	0.083	545	33	11	2018
SVE/PLUS/EW-160/H	3200	0.75	0.083	585	31	11	2018
SVE/PLUS/EW-200/H	3230	1.40	0.168	895	36	14	2018
SVE/PLUS/EW-250/H	2510	1.40	0.170	1140	38	14	2018
SVE/PLUS/EW-315/H	1525	1.20	0.150	1800	29	23	2018
SVE/PLUS/EW-350/H	1250	1.40	0.168	2475	35	32	2018
SVE/PLUS/EW-400/H	1170	1.10	0.250	3080	38	39	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.

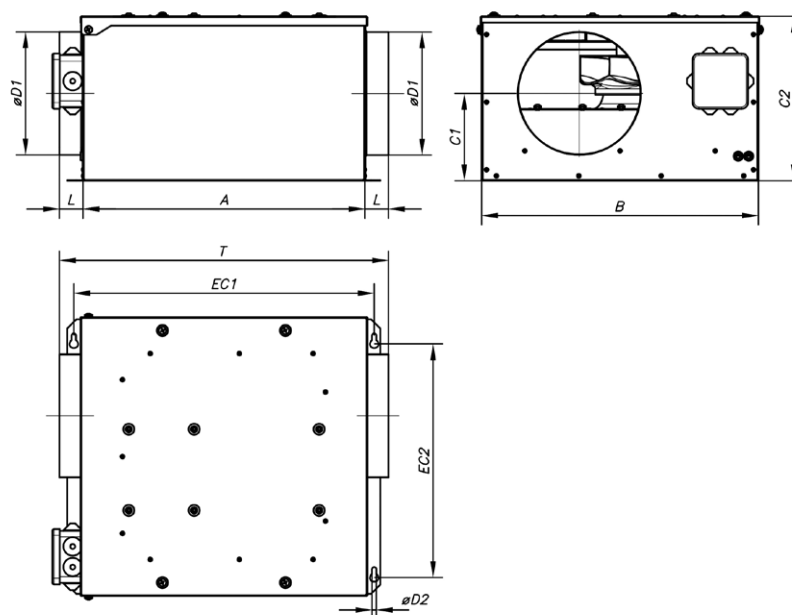
Acoustic characteristics

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		63	125	250	500	1000	2000	4000	8000
SVE/PLUS/EW-100/H	38	43	45	47	49	53	47	43	SVE/PLUS/EW-250/H	46	44	43	45	55	35	34	30
SVE/PLUS/EW-125/H	37	43	45	48	50	53	48	44	SVE/PLUS/EW-315/H	30	44	33	32	44	25	24	19
SVE/PLUS/EW-150/H	32	42	41	51	44	44	44	40	SVE/PLUS/EW-350/H	37	50	40	42	36	29	26	14
SVE/PLUS/EW-160/H	33	43	42	47	45	46	45	41	SVE/PLUS/EW-400/H	37	52	41	42	34	29	27	27
SVE/PLUS/EW-200/H	50	50	43	50	44	42	45	45									

Dimensions mm



	A	B	C1	C2	øD1	L	øD2	EC1	EC2	T
SVE/PLUS/EW-100/H	380	380	174.5	255	100	37.5	7	405	305	455
SVE/PLUS/EW-125/H	380	380	164.5	255	125	37.5	7	405	305	455
SVE/PLUS/EW-150/H	380	380	160	255	150	37.5	7	405	305	455
SVE/PLUS/EW-160/H	380	380	155	255	160	37.5	7	405	305	455
SVE/PLUS/EW-200/H	460	450	140	265	200	37.5	7	485	380	535
SVE/PLUS/EW-250/H	460	450	165	310	250	52.5	7	485	380	565
SVE/PLUS/EW-315/H	565	540	210	390	315	57.5	9	595	440	680
SVE/PLUS/EW-350/H	650	600	265	465	350	57.5	9	680	525	765
SVE/PLUS/EW-400/H	650	680	280	500	400	80	9	680	600	810

Accessories



Characteristic curves

