

SVE/PLUS/EW/CPC



E.C. TECHNOLOGY WITH BUILT-IN VSD



Low-noise, in-line duct extractor fans for automatic operation mounted inside a 40 mm phonoabsorbent acoustic insulated casing, with constant pressure control.

**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.

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.

CPC control:

- Equipment preconfigured in constant pressure mode with 100 Pa setpoint.
- Possibility of adjustment to other pressures.
- Possibility of working with a constant flow rate.
- Plug&Play system for easy installation.
- Programming range from 0 to 2500 Pa.
- On-off switch with built-in safety locking system.
- 230 V AC single-phase and 380 V AC three-phase power versions.
- IP55 protection.

Finish:

- Anti-corrosive finish on galvanised sheet steel.

Order code

SVE/PLUS/EW	—	100	/H	/CPC
SVE/PLUS/EW: In-line duct extractor fans with 40 mm insulation, fitted with E.C. Technology motors		Nozzle diameter in mm	High flow rate	Automatic constant pressure regulation control

Technical characteristics

	Speed (rpm)	Maximum admissible current (A) 230 V	Max. electric power (kW)	Maximum flow rate (m³/h)	Sound pressure level at 50% of max. speed* dB(A)	Approx. weight (kg)	According to ErP
SVE/PLUS/EW-100/H/CPC	3200	0.75	0.083	450	38	11	2018
SVE/PLUS/EW-125/H/CPC	3200	0.75	0.083	500	36	11	2018
SVE/PLUS/EW-150/H/CPC	3200	0.75	0.083	545	33	11	2018
SVE/PLUS/EW-160/H/CPC	3200	0.75	0.083	585	31	11	2018
SVE/PLUS/EW-200/H/CPC	3230	1.40	0.168	895	36	14	2018
SVE/PLUS/EW-250/H/CPC	2510	1.40	0.170	1140	38	14	2018
SVE/PLUS/EW-315/H/CPC	1525	1.20	0.150	1800	29	23	2018
SVE/PLUS/EW-350/H/CPC	1250	1.40	0.168	2475	35	32	2018
SVE/PLUS/EW-400/H/CPC	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.

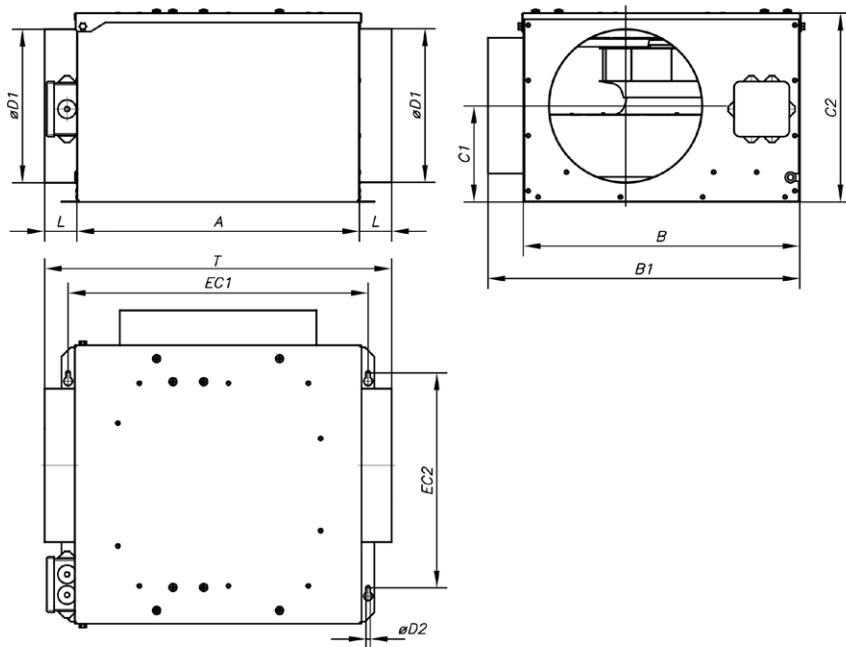
Acoustic characteristics

Sound power spectrum Lw(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
SVE/PLUS/EW-100/H/CPC	38	43	45	47	49	53	47	43
SVE/PLUS/EW-125/H/CPC	37	43	45	48	50	53	48	44
SVE/PLUS/EW-150/H/CPC	32	42	41	51	44	44	44	40
SVE/PLUS/EW-160/H/CPC	33	43	42	47	45	46	45	41
SVE/PLUS/EW-200/H/CPC	50	50	43	50	44	42	45	45
SVE/PLUS/EW-250/H/CPC	46	44	43	45	55	35	34	30
SVE/PLUS/EW-315/H/CPC	30	44	33	32	44	25	24	19
SVE/PLUS/EW-350/H/CPC	37	50	40	42	36	29	26	14
SVE/PLUS/EW-400/H/CPC	37	52	41	42	34	29	27	27

Dimensions mm



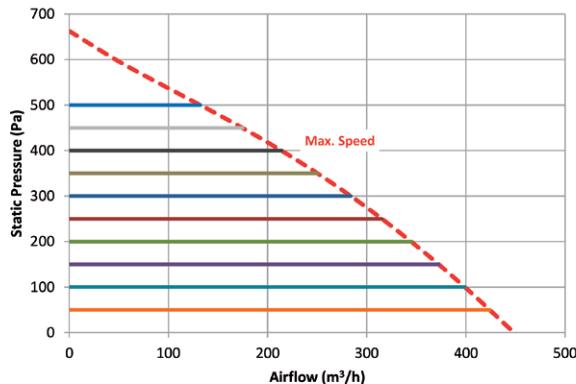
	A	B	C1	C2	øD1	L	øD2	EC1	EC2	T	B1
SVE/PLUS/EW-100/H/CPC	380	380	174.5	255	100	37.5	7	405	305	455	470
SVE/PLUS/EW-125/H/CPC	380	380	164.5	255	125	37.5	7	405	305	455	470
SVE/PLUS/EW-150/H/CPC	380	380	160	255	150	37.5	7	405	305	455	470
SVE/PLUS/EW-160/H/CPC	380	380	155	255	160	37.5	7	405	305	455	470
SVE/PLUS/EW-200/H/CPC	460	450	140	265	200	37.5	7	485	380	535	540
SVE/PLUS/EW-250/H/CPC	460	450	165	310	250	52.5	7	485	380	565	540
SVE/PLUS/EW-315/H/CPC	565	540	210	390	315	57.5	9	595	440	680	630
SVE/PLUS/EW-350/H/CPC	650	600	265	465	350	57.5	9	680	525	765	690
SVE/PLUS/EW-400/H/CPC	650	680	280	500	400	80	9	680	600	810	770

CENTRIFUGAL FANS AND IN-LINE DUCT EXTRACTOR FANS

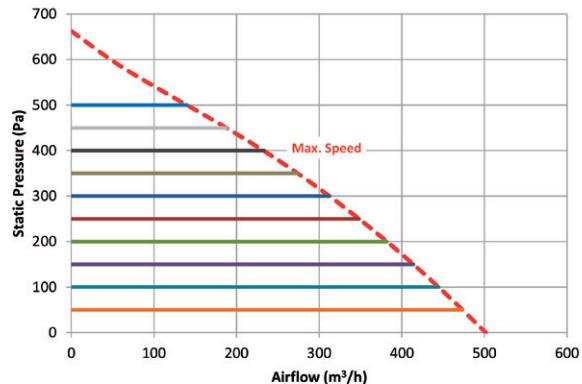
Characteristic curves

Constant pressure curves, with free inlet.

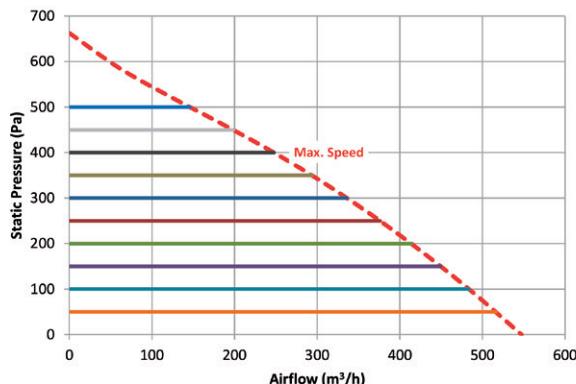
SVE/PLUS/EW-100/H/CPC



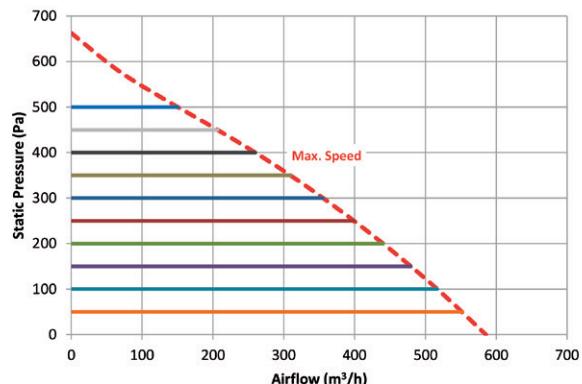
SVE/PLUS/EW-125/H/CPC



SVE/PLUS/EW-150/H/CPC



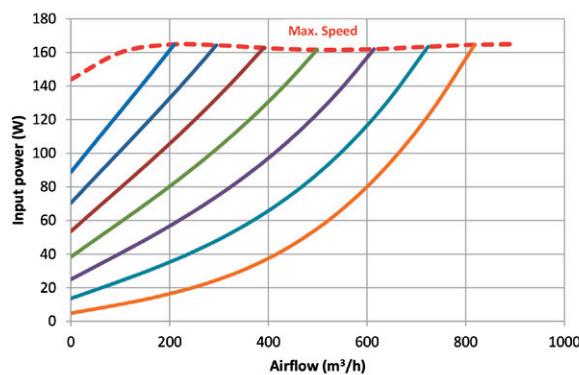
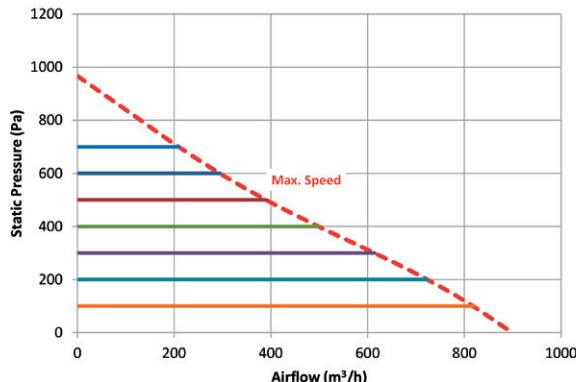
SVE/PLUS/EW-160/H/CPC



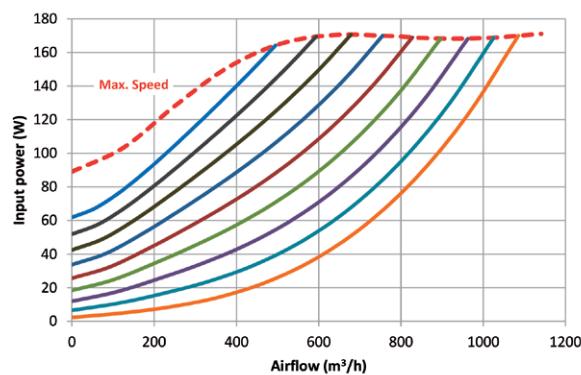
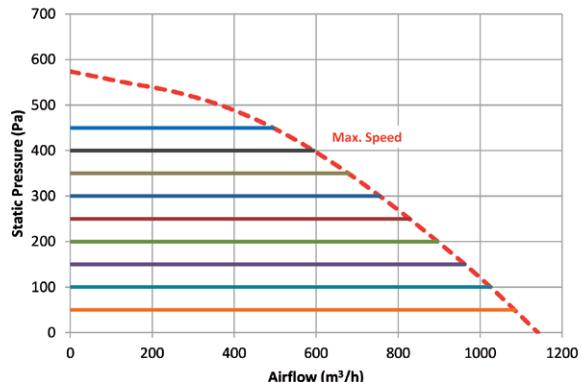
Characteristic curves

Constant pressure curves, with free inlet.

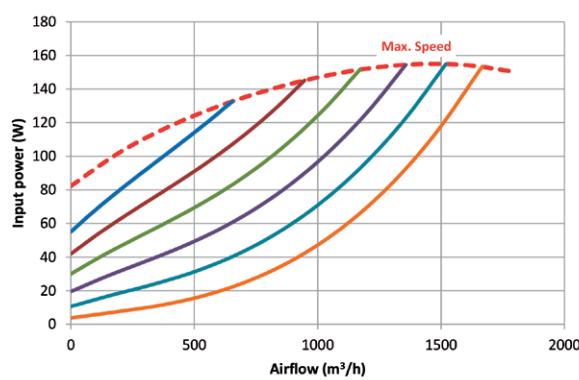
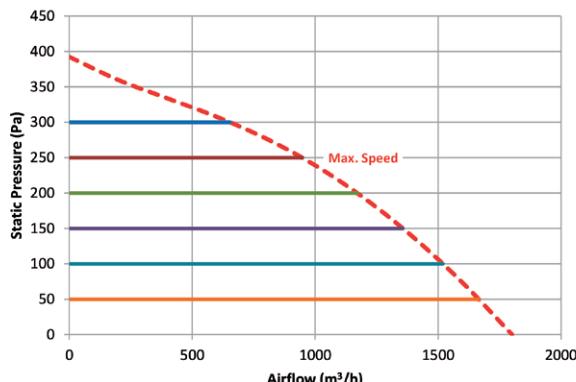
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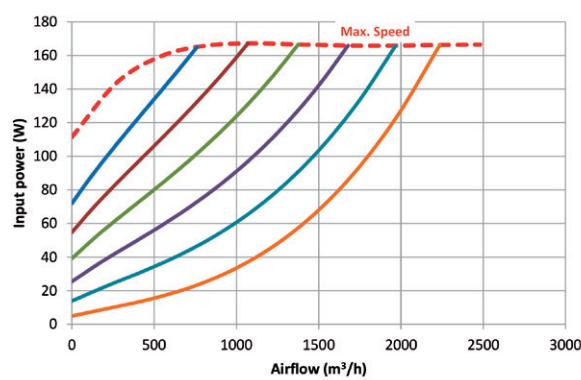
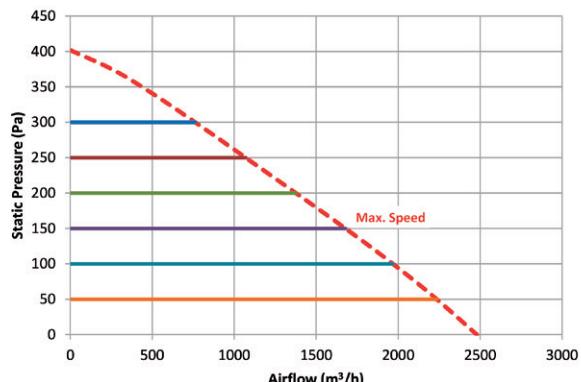
SVE/PLUS/EW-250/H/CPC



SVE/PLUS/EW-315/H/CPC



SVE/PLUS/EW-350/H/CPC

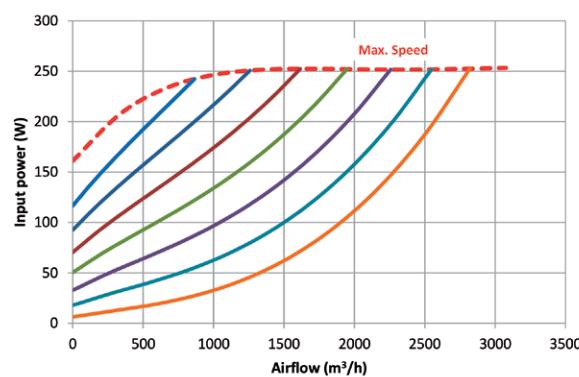
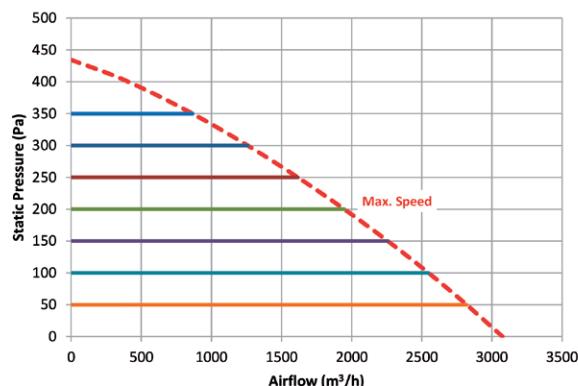


CENTRIFUGAL FANS AND IN-LINE DUCT EXTRACTOR FANS

Characteristic curves

Constant pressure curves, with free inlet.

SVE/PLUS/EW-400/H/CPC



Accessories

See accessories section.

