

SVE/PLUS/EW/CPC

In-line duct fans, automatic operation, low noise level and constant pressure control

EC TECHNOLOGY WITH INTEGRATED VSD



EC CONTROL:
Automatic constant pressure regulation control

Fan:

- Acoustic casing covered with sound absorbing material.
- All models equipped with a backward curved impeller.
- Standardised inlet and outlet flanges allowing for easy installation in ducts.
- Fitted with a folding inspection hatch.
- Support feet integrated into the box which facilitates its assembly.
- Linear airflow direction.

Motor:

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

- High efficiency external EC Technology motors.

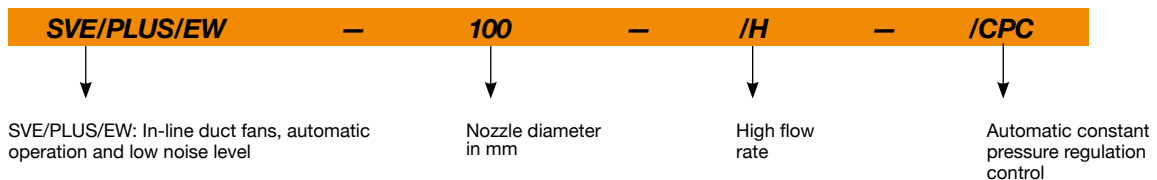
EC CONTROL: Supplied as an optional accessory. Control panel for ventilation systems with EC Technology motors with the electronics integrated in the motor itself. With the following characteristics:

- CPC: Constant pressure control.
- CFC: Constant flow control.
- DAY/NIGHT: Double pressure setpoint adjustment according to time of day.
- External sensor: compatible with temperature, humidity, air quality or CO sensor.
- Equipment preconfigured in constant pressure mode with 100 Pa set point.

Finish:

- Anti-corrosive in galvanized steel sheet.

Order code



Technical characteristics

Model	Speed (r/min)	Maximum admissible current (A)	Max. electric power	Maximum flow rate (m³/h)	Sound pressure level at 50% of max. speed* dB (A)	Approx. weight (Kg)	According ErP
		230V	(kW)				
SVE/PLUS/EW-100/H/CPC	3570	1.01	0.127	399	38	11	2018
SVE/PLUS/EW-125/H/CPC	3570	1.01	0.127	480	36	11	2018
SVE/PLUS/EW-150/H/CPC	3570	1.01	0.127	498	33	11	2018
SVE/PLUS/EW-160/H/CPC	3570	1.01	0.127	534	31	11	2018
SVE/PLUS/EW-200/H/CPC	3265	1.35	0.176	948	36	14	2018
SVE/PLUS/EW-250/H/CPC	2850	1.35	0.180	1187	38	14	2018
SVE/PLUS/EW-315/H/CPC	1920	1.35	0.175	1430	29	23	2018
SVE/PLUS/EW-350/H/CPC	1460	1.45	0.190	1983	35	32	2018
SVE/PLUS/EW-400/H/CPC	1550	2.00	0.460	2856	38	39	2018

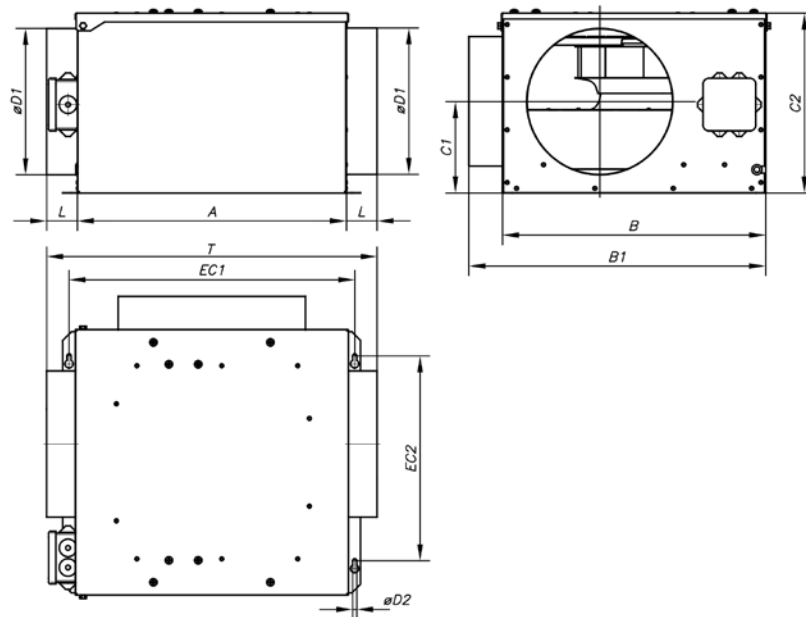
* Irradiated sound pressure level in dB(A) at a distance of 1.5 m and at maximum flow rate.

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



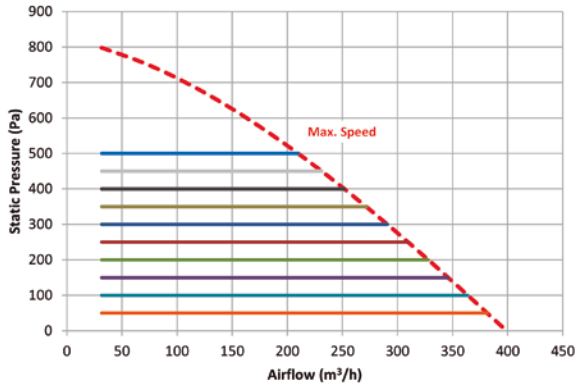
	A	B	C1	C2	øD1	L	øD2	EC1	EC2	T	B1
SVE/PLUS/EW-100/H/CPC	380	380	174.5	255	100	37.5	7	405	305	455	470
SVE/PLUS/EW-125/H/CPC	380	380	164.5	255	125	37.5	7	405	305	455	470
SVE/PLUS/EW-150/H/CPC	380	380	160	255	150	37.5	7	405	305	455	470
SVE/PLUS/EW-160/H/CPC	380	380	155	255	160	37.5	7	405	305	455	470
SVE/PLUS/EW-200/H/CPC	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

Characteristic curves

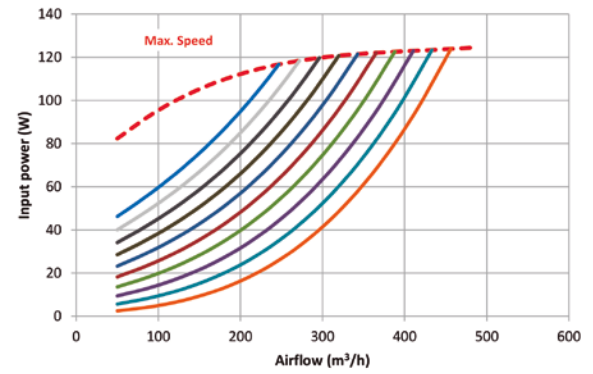
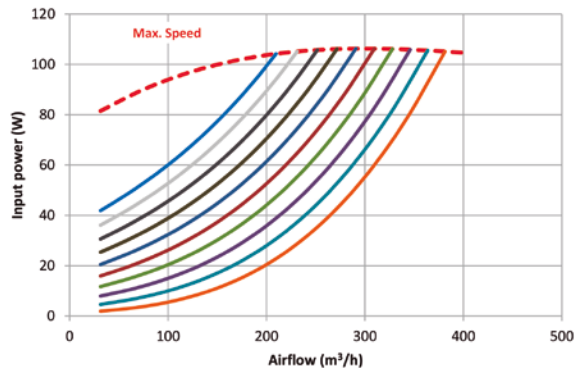
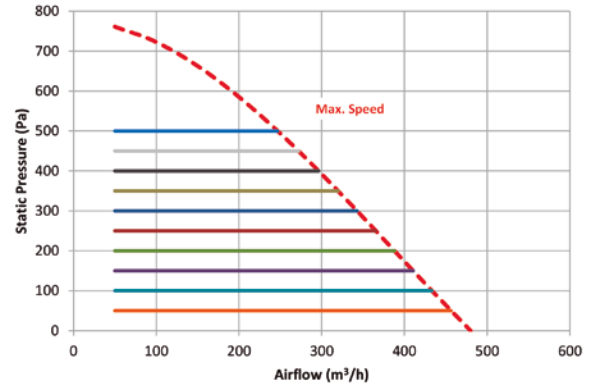
Q= Flow rate in m³/h, m³/s and cfm

Pe= Static pressure in mm H₂O, Pa and inwg

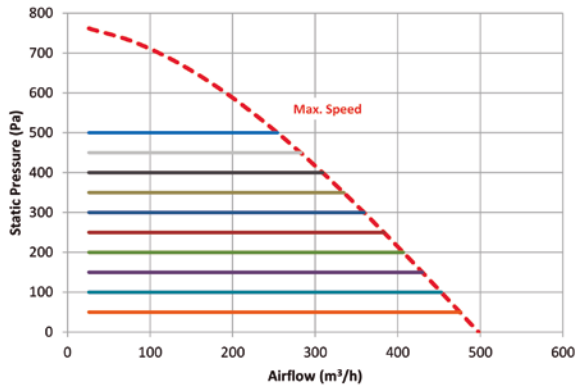
SVE/PLUS/EW-100/H/CPC



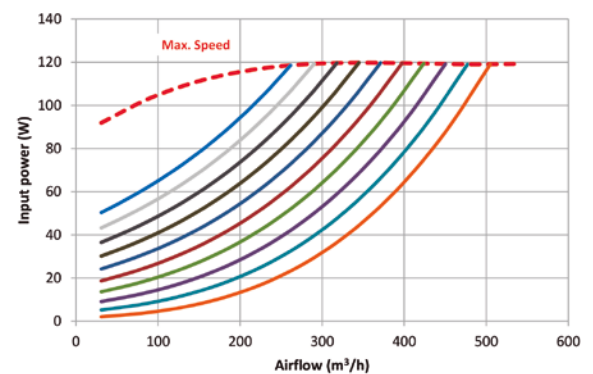
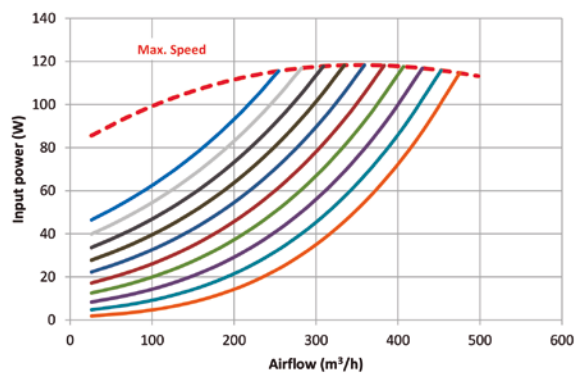
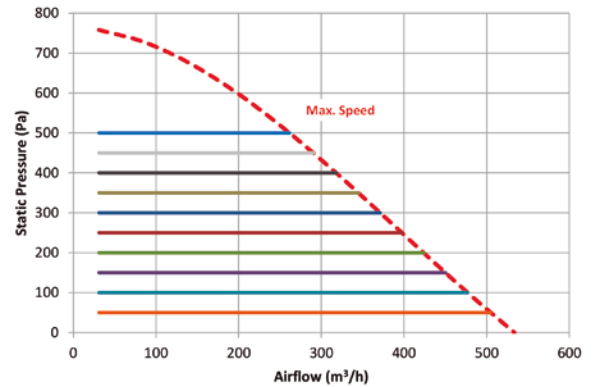
SVE/PLUS/EW-125/H/CPC



SVE/PLUS/EW-150/H/CPC



SVE/PLUS/EW-160/H/CPC

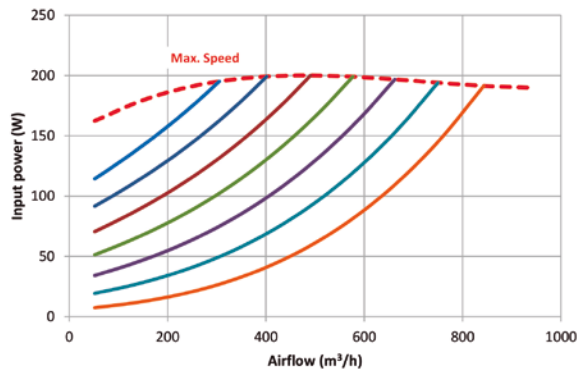
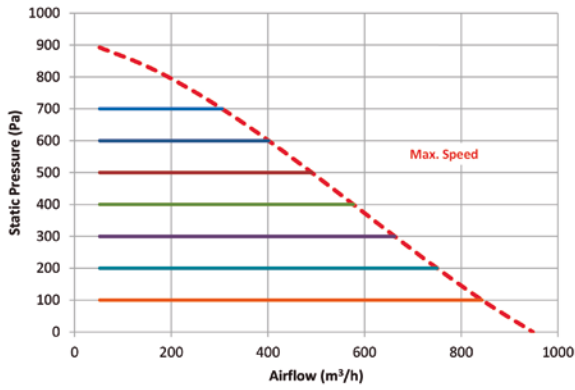


Characteristic curves

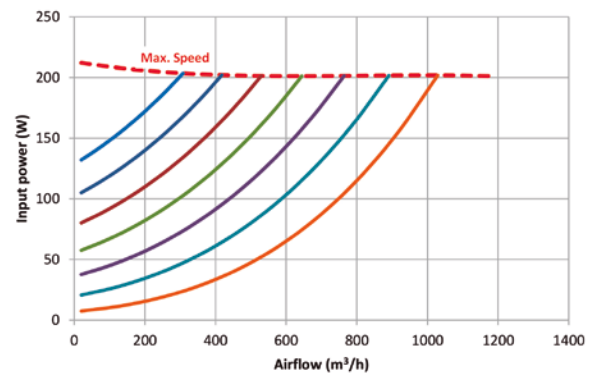
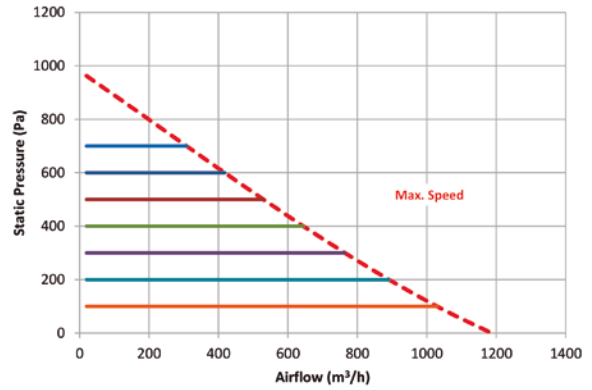
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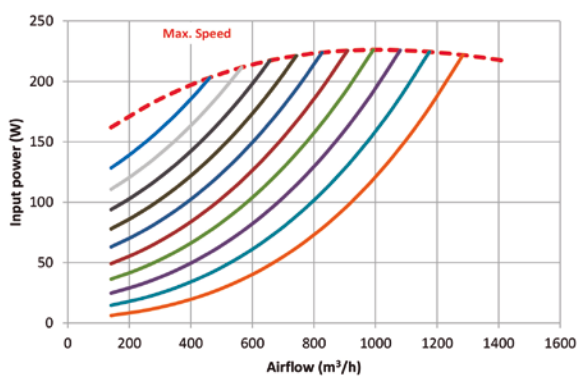
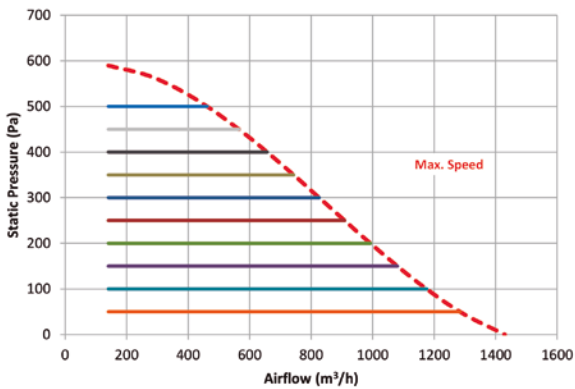
SVE/PLUS/EW-200/H/CPC



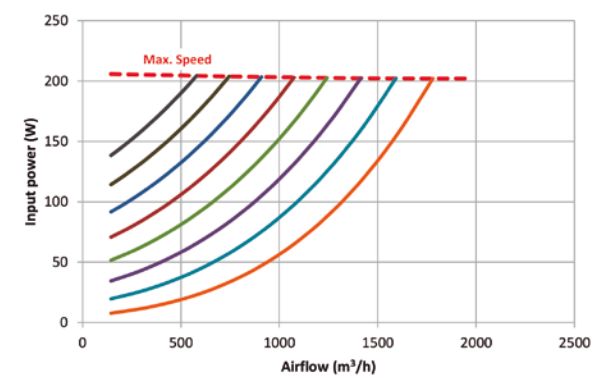
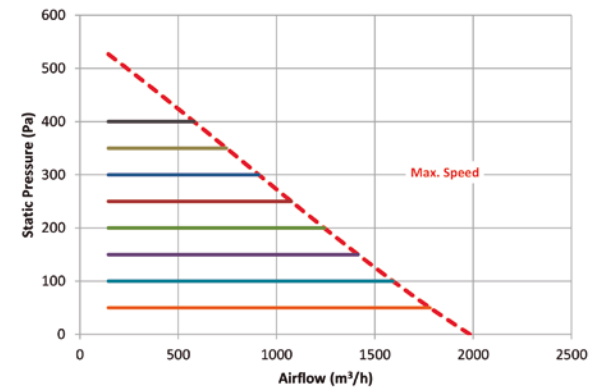
SVE/PLUS/EW-250/H/CPC



SVE/PLUS/EW-315/H/CPC



SVE/PLUS/EW-350/H/CPC

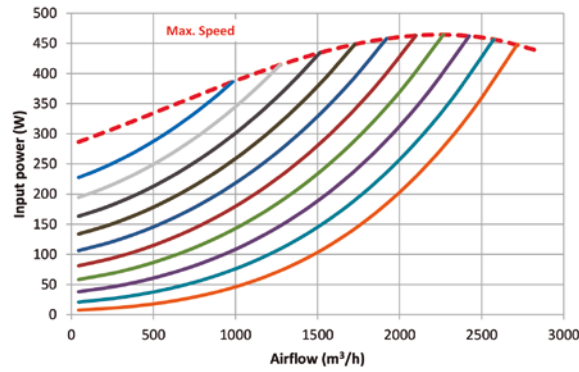
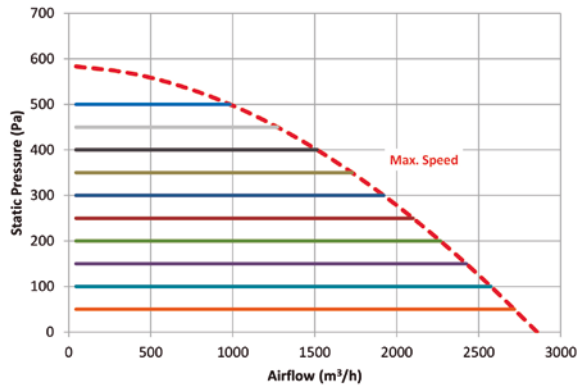


Characteristic curves

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SVE/PLUS/EW-400/H/CPC



Accessories

