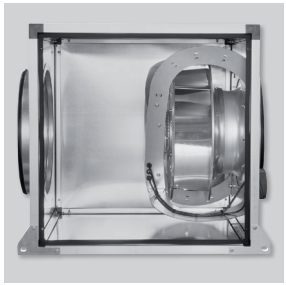
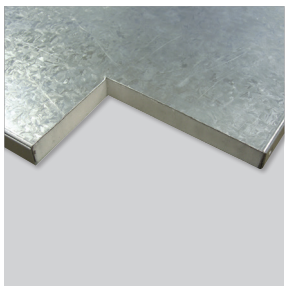
New ventilation units with improvements in tightness, robustness, ease of installation, and reparability. Ventilation units with low noise levels, made with aluminum profiles and sandwich-type panels, featuring 25 mm thick, non-flammable (M0) acoustic insulation made of fiberglass, backward-curved centrifugal impellers dynamically balanced.
Brushless EC direct current motor, high efficiency, low consumption, ball bearings, built-in thermal protection, and capable of operating at temperatures from -20ºC to +40ºC:
- Single phase version 230V±10% 50/60Hz, IP44.
- Three phase version 400V±10% 50/60Hz, IP54.

Speed fully adjustable via potentiometer located in the terminal box or via external control like the REB-ECOWATT. Analog input to control the fan with an external 0-10V signal.



Backward curved centrifugal impellers
To prevent accumulation of dirtiness. Dynamically balanced.

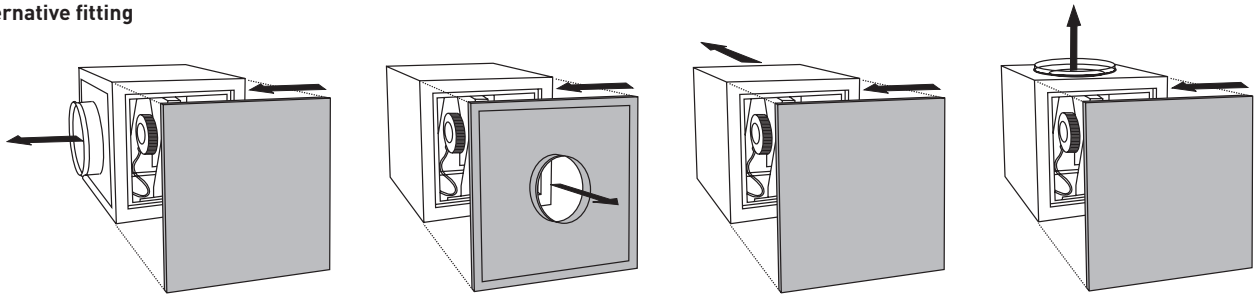


Low noise level
Internally lined with 25mm thickness of fireproof acoustic fiberglass insulation (M0) reducing the noise level significantly.

Robustness
Quality finished aluminium profiles and plastic corners providing a great robustness.

IP55 external terminal box
To facilitate electric.

Alternative fitting



TECHNICAL CHARACTERISTICS

Before installation check that the product electrical characteristics listed on the data plate label (voltage, power, frequency, etc.) match those of the intended electrical supply.

SINGLE PHASE 230V±10% 50/60Hz

Model	Control voltage	Speed (r.p.m.)	Maximum absorbed power (W)	Maximum absorbed current (A)	Maximum airflow (m^3/h)	Sound pressure level (dB(A)) to 1,5 m*			Weight (kg)
						Outlet	Inlet	Radiated	
CVAB-250 ECOWATT 2-2640	10	2640	200	1,4	1.286	59	62	46	24
	8	2280	131	0,9	1.112	56	59	42	
	6	1760	65	0,5	791	50	54	37	
	4	1270	29	0,2	618	43	47	30	
CVAB-250 ECOWATT 3-1900	10	1890	215	0,9	1.878	57	57	40	25
	8	1670	150	0,7	1.647	54	54	37	
	6	1330	82	0,4	1.227	50	49	32	
	4	1010	41	0,3	987	44	43	26	
CVAB-315 ECOWATT 3-1900	10	1890	216	0,9	2.064	59	58	43	27
	8	1650	145	0,7	1.792	56	55	40	
	6	1340	82	0,4	1.356	51	51	36	
	4	1020	42	0,3	1.102	46	45	30	
CVAB-315 ECOWATT 4-2450	10	2450	830	3,4	3.698	70	66	47	31
	8	2130	556	2,3	3.218	63	67	44	
	6	1660	278	1,2	2.314	62	58	38	
	4	1200	123	0,6	1.813	55	51	31	
CVAB-355 ECOWATT 3-1900	10	1900	424	1,8	3.230	63	62	45	37
	8	1640	276	1,2	2.783	60	59	42	
	6	1330	153	0,7	2.082	55	55	37	
	4	1000	71	0,4	1.709	48	49	31	
CVAB-400 ECOWATT 3-1720	10	1660	483	2,0	4.322	60	62	51	38
	8	1480	376	1,6	3.576	58	60	49	
	6	1220	211	0,9	2.775	54	56	45	
	4	930	97	0,5	2.240	48	50	39	
CVAB-450 ECOWATT 6-1450	10	1440	1014	4,3	6.448	67	65	50	58
	8	1280	718	3,0	5.659	65	62	47	
	6	1060	413	1,7	4.362	60	58	43	
	4	840	215	0,9	3.679	55	53	38	
CVAB-500 ECOWATT 6-1210	10	1150	883	3,7	7.135	65	62	45	72
	8	1000	577	2,4	6.212	61	58	42	
	6	850	365	1,6	4.911	58	54	38	
	4	710	217	0,9	4.376	54	50	34	

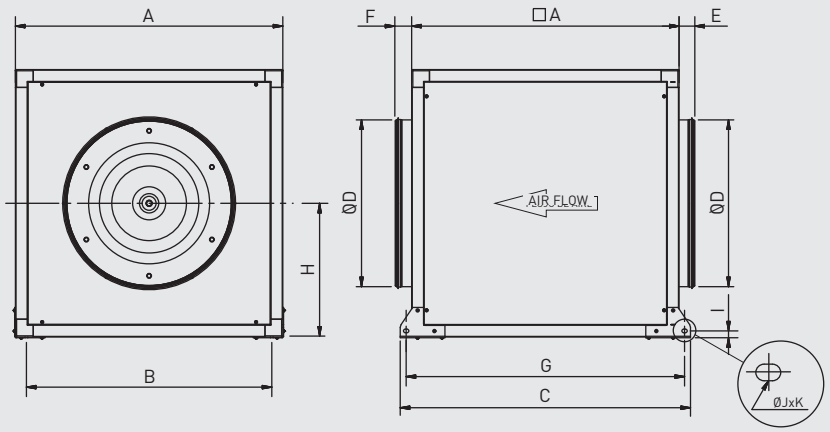
* Middle point of the curve.

THREE PHASE 400V±10% 50/60Hz

Model	Control voltage	Speed (r.p.m.)	Maximum absorbed power (W)	Maximum absorbed current (A)	Maximum airflow (m^3/h)	Sound pressure level (dB(A)) to 1,5 m*			Weight (kg)
						Outlet	Inlet	Radiated	
CVAT-500 ECOWATT 6-1375	10	1370	1278	2,2	7.842	66	67	53	73
	8	1220	917	1,7	6.926	63	64	51	
	6	1010	532	1,0	5.312	59	60	47	
	4	810	283	0,6	4.518	54	55	42	
CVAT-560-ECOWATT 7-1380	10	1380	2778	4,2	12.809	75	71	61	129
	8	1160	1635	2,6	10.405	72	67	57	
	6	920	830	1,6	7.491	67	62	52	
	4	690	391	0,9	6.172	60	56	45	
CVAT-630-ECOWATT 7-1385	10	1385	2836	4,2	13.165	75	71	61	129
	8	1150	1650	2,6	10.794	72	67	57	
	6	910	849	1,6	7.852	67	62	52	
	4	690	394	0,9	6.346	60	56	45	

* Middle point of the curve.

DIMENSIONS (mm)

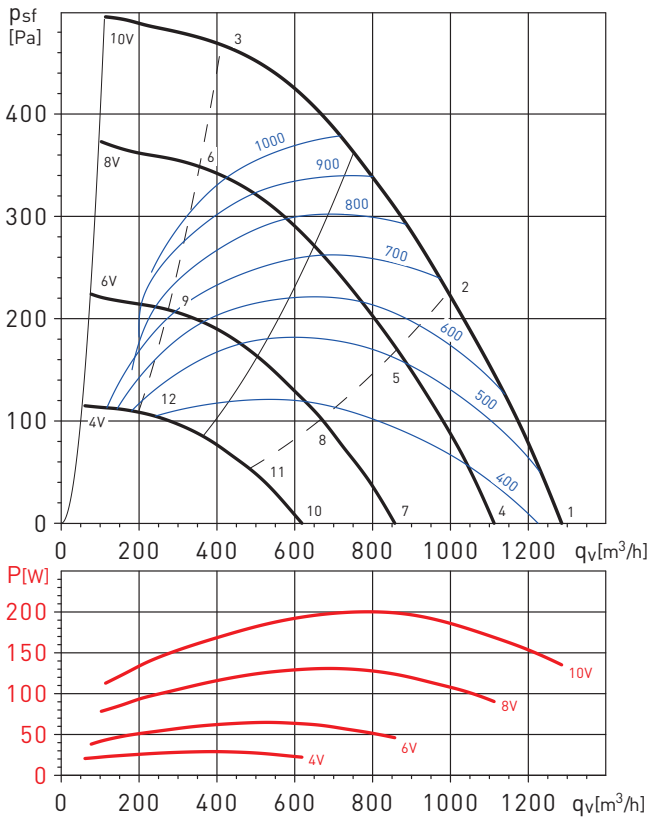


Model	A	B	C	D	E Inlet	F Outlet	G	H	I	J	K
CVAB-250 ECOWATT	500	440	578	250	45	55	534	250	23	12	18
CVAB-315 ECOWATT	500	440	578	315	45	55	534	250	23	12	18
CVAB-355 ECOWATT	600	540	678	355	45	55	634	300	23	12	18
CVAB-400 ECOWATT	600	540	678	400	45	55	634	300	23	12	18
CVAB-450 ECOWATT	700	620	779	450	45	55	734	350	23	12	18
CVAB/T-500 ECOWATT	800	720	879	500	45	55	834	400	23	12	18
CVAT-560 ECOWATT	1000	1000	1079	560	45	55	1039	500	23	12	18
CVAT-630 ECOWATT	1000	1000	1079	630	45	55	1039	500	23	12	18

PERFORMANCE CURVES - ACOUSTIC CHARACTERISTICS

– q_v = Airflow in m^3/h.
– p_{sf} = Static pressure in Pa.
- P: Input power in W.
– SFP: Specific fan power in $W/m^3/s$ (blue curves).
– Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.

CVAB-250 ECOWATT 2-2640



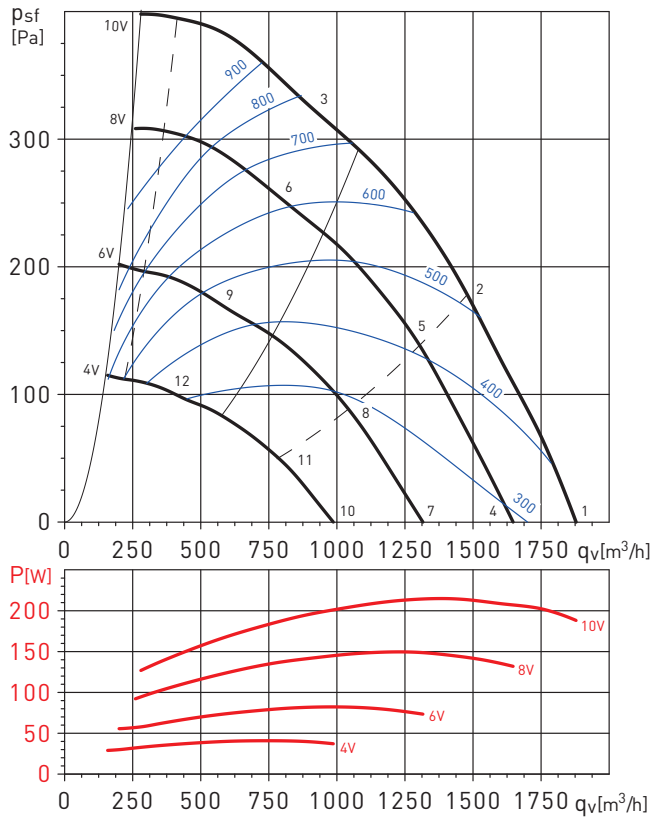
Sound power level spectrums in dB(A)

Working point		63	125	250	500	1.000	2.000	4.000	8.000	LwA
1	Inlet	38	51	74	71	74	68	67	67	79
	Outlet	35	42	62	63	68	73	69	66	76
	Radiated	44	38	59	53	47	49	47	44	61
2	Inlet	38	51	73	68	71	65	66	63	77
	Outlet	33	40	61	61	65	70	67	63	74
	Radiated	33	38	59	51	44	46	45	40	60
3	Inlet	41	47	70	64	67	62	65	61	74
	Outlet	35	39	62	62	65	70	67	62	74
	Radiated	35	34	58	47	39	42	44	39	59
4	Inlet	34	47	71	68	71	65	64	64	76
	Outlet	32	39	58	60	64	70	66	63	73
	Radiated	41	35	56	50	44	46	44	41	58
5	Inlet	34	48	70	65	68	62	62	60	74
	Outlet	30	37	57	58	62	67	64	59	70
	Radiated	30	34	56	48	40	43	42	37	57
6	Inlet	38	44	67	61	64	58	62	58	70
	Outlet	31	36	59	59	62	67	63	59	70
	Radiated	31	31	55	44	35	39	41	36	56
7	Inlet	29	42	65	62	65	59	58	58	70
	Outlet	26	34	53	54	59	64	60	58	67
	Radiated	36	30	50	45	38	40	38	35	52
8	Inlet	29	42	64	60	63	56	57	54	68
	Outlet	24	31	52	53	56	61	58	54	65
	Radiated	24	29	50	42	35	37	36	31	51
9	Inlet	32	38	61	55	58	53	56	53	65
	Outlet	26	30	53	53	56	61	58	53	65
	Radiated	26	25	50	38	30	34	35	30	50
10	Inlet	22	35	58	55	58	52	51	51	63
	Outlet	19	27	46	47	52	57	53	51	60
	Radiated	29	23	43	38	31	33	31	28	45
11	Inlet	22	35	57	53	56	49	50	47	61
	Outlet	17	24	45	45	49	54	51	47	58
	Radiated	17	22	43	35	28	30	29	24	44
12	Inlet	25	31	54	48	51	46	49	46	58
	Outlet	19	23	46	46	49	54	51	46	58
	Radiated	19	18	43	31	23	27	28	23	43

PERFORMANCE CURVES - ACOUSTIC CHARACTERISTICS

- q_v = Airflow in m^3/h.
- p_{sf} = Static pressure in Pa.
- P: Input power in W.
- SFP: Specific fan power in $W/m^3/s$ (blue curves).
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.

CVAB-250 ECOWATT 3-1900



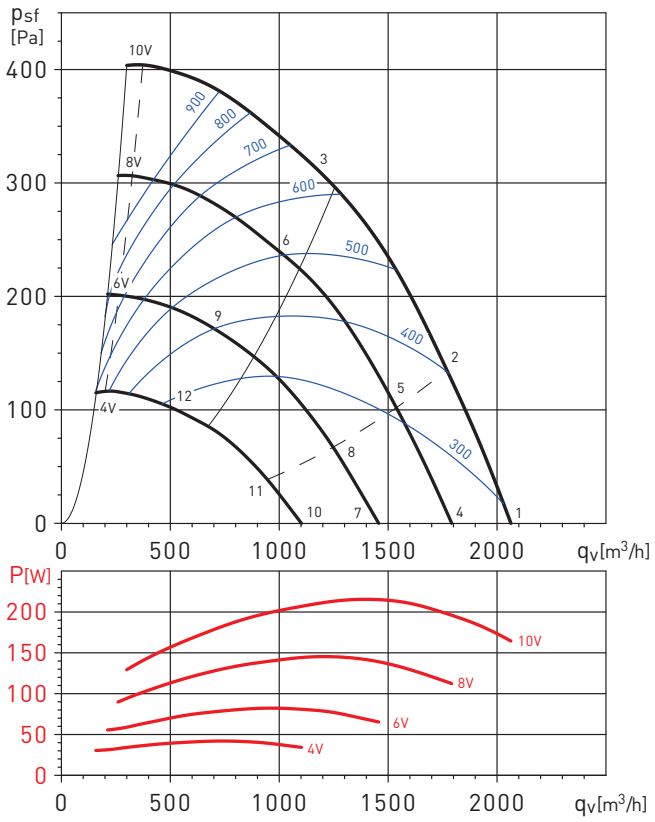
Sound power level spectrums in dB(A)

Working point		63	125	250	500	1.000	2.000	4.000	8.000	LwA
1	Inlet	38	51	74	71	74	68	67	67	79
	Outlet	35	42	62	63	68	73	69	66	76
	Radiated	44	38	59	53	47	49	47	44	61
2	Inlet	38	51	73	68	71	65	66	63	77
	Outlet	33	40	61	61	65	70	67	63	74
	Radiated	33	38	59	51	44	46	45	40	60
3	Inlet	41	47	70	64	67	62	65	61	74
	Outlet	35	39	62	62	65	70	67	62	74
	Radiated	35	34	58	47	39	42	44	39	59
4	Inlet	34	47	71	68	71	65	64	64	76
	Outlet	32	39	58	60	64	70	66	63	73
	Radiated	41	35	56	50	44	46	44	41	58
5	Inlet	34	48	70	65	68	62	62	60	74
	Outlet	30	37	57	58	62	67	64	59	70
	Radiated	30	34	56	48	40	43	42	37	57
6	Inlet	38	44	67	61	64	58	62	58	70
	Outlet	31	36	59	59	62	67	63	59	70
	Radiated	31	31	55	44	35	39	41	36	56
7	Inlet	29	42	65	62	65	59	58	58	70
	Outlet	26	34	53	54	59	64	60	58	67
	Radiated	36	30	50	45	38	40	38	35	52
8	Inlet	29	42	64	60	63	56	57	54	68
	Outlet	24	31	52	53	56	61	58	54	65
	Radiated	24	29	50	42	35	37	36	31	51
9	Inlet	32	38	61	55	58	53	56	53	65
	Outlet	26	30	53	53	56	61	58	53	65
	Radiated	26	25	50	38	30	34	35	30	50
10	Inlet	22	35	58	55	58	52	51	51	63
	Outlet	19	27	46	47	52	57	53	51	60
	Radiated	29	23	43	38	31	33	31	28	45
11	Inlet	22	35	57	53	56	49	50	47	61
	Outlet	17	24	45	45	49	54	51	47	58
	Radiated	17	22	43	35	28	30	29	24	44
12	Inlet	25	31	54	48	51	46	49	46	58
	Outlet	19	23	46	46	49	54	51	46	58
	Radiated	19	18	43	31	23	27	28	23	43

PERFORMANCE CURVES - ACOUSTIC CHARACTERISTICS

– q_v = Airflow in m^3/h.
– p_{sf} = Static pressure in Pa.
- P: Input power in W.
– SFP: Specific fan power in $W/m^3/s$ (blue curves).
– Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.

CVAB-315 ECOWATT 3-1900



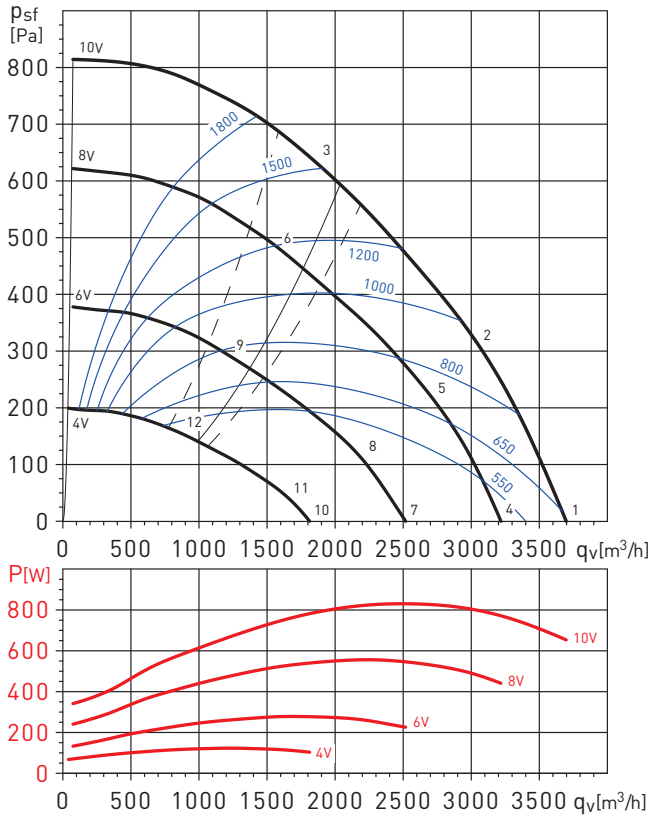
Sound power level spectrums in dB(A)

Working point		63	125	250	500	1.000	2.000	4.000	8.000	LwA
1	Inlet	33	52	70	67	67	65	65	61	75
	Outlet	32	47	63	64	70	72	68	61	76
	Radiated	32	43	54	48	54	47	47	47	58
2	Inlet	29	46	69	65	65	63	63	57	73
	Outlet	30	42	60	61	68	70	66	57	74
	Radiated	27	47	55	45	51	45	45	44	58
3	Inlet	32	53	68	63	63	63	61	55	71
	Outlet	31	45	58	59	67	69	64	55	72
	Radiated	25	43	52	43	50	45	43	41	56
4	Inlet	30	49	67	64	64	62	62	58	72
	Outlet	29	44	60	61	67	69	65	58	73
	Radiated	29	40	51	45	51	44	44	44	55
5	Inlet	26	43	66	62	62	60	60	54	70
	Outlet	27	39	57	58	65	67	63	54	71
	Radiated	24	44	52	42	48	42	42	41	55
6	Inlet	29	50	65	60	60	60	58	52	68
	Outlet	28	42	55	56	64	66	61	52	69
	Radiated	22	40	49	40	47	42	40	38	53
7	Inlet	26	44	63	60	60	57	57	53	67
	Outlet	25	40	55	57	62	64	61	53	68
	Radiated	25	35	46	40	46	39	39	39	51
8	Inlet	21	39	61	57	57	56	55	50	65
	Outlet	23	35	52	54	61	62	58	50	66
	Radiated	19	39	47	38	44	38	37	36	50
9	Inlet	25	45	60	56	56	55	53	47	64
	Outlet	23	38	51	51	60	61	56	47	65
	Radiated	17	36	44	36	43	37	35	33	48
10	Inlet	20	38	57	54	54	51	51	47	61
	Outlet	19	34	50	51	57	58	55	47	62
	Radiated	19	29	40	34	40	33	33	33	45
11	Inlet	20	38	60	56	56	54	54	49	64
	Outlet	21	34	51	52	60	61	57	48	65
	Radiated	18	38	46	37	43	37	36	35	49
12	Inlet	24	44	59	55	55	54	52	46	63
	Outlet	22	36	50	50	59	60	55	46	64
	Radiated	16	34	43	35	41	36	34	32	47

PERFORMANCE CURVES - ACOUSTIC CHARACTERISTICS

- q_v = Airflow in m^3/h.
- p_{sf} = Static pressure in Pa.
- P: Input power in W.
- SFP: Specific fan power in $W/m^3/s$ (blue curves).
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.

CVAB-315 ECOWATT 4-2450



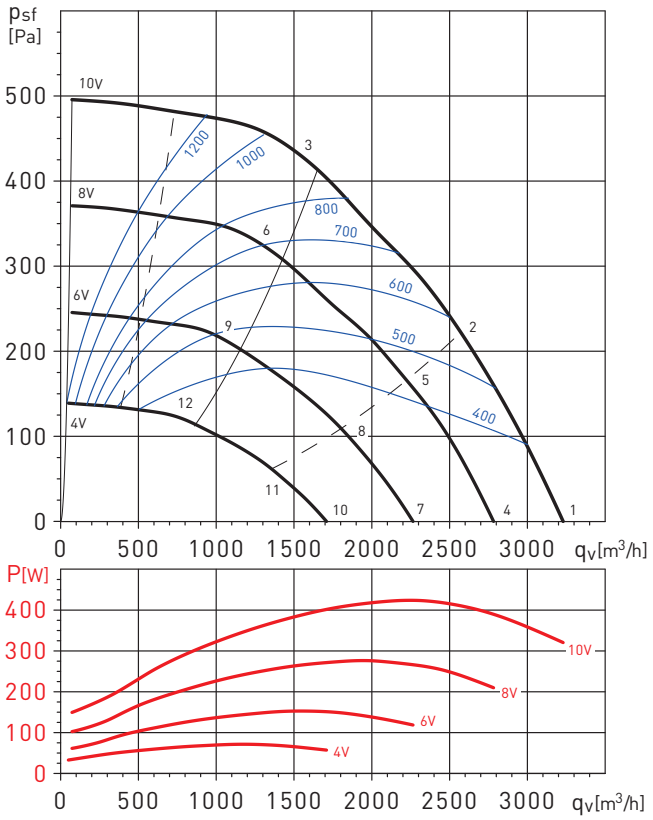
Sound power level spectrums in dB(A)

Working point		63	125	250	500	1.000	2.000	4.000	8.000	LwA
1	Inlet	43	58	75	75	76	76	73	71	82
	Outlet	40	51	75	74	80	83	76	72	86
	Radiated	43	51	60	50	56	56	53	51	64
2	Inlet	39	55	74	72	73	74	72	69	81
	Outlet	38	49	74	71	78	82	74	69	85
	Radiated	40	48	57	47	54	54	52	49	61
3	Inlet	41	54	78	72	72	74	72	68	81
	Outlet	43	48	75	68	76	82	74	68	84
	Radiated	45	48	61	46	53	54	52	48	63
4	Inlet	40	55	72	72	73	73	70	68	79
	Outlet	37	48	72	71	77	80	73	69	83
	Radiated	40	48	57	47	53	53	50	48	61
5	Inlet	36	52	71	69	70	71	69	66	78
	Outlet	35	46	71	68	75	79	71	66	82
	Radiated	37	45	53	44	51	51	49	46	58
6	Inlet	38	51	74	69	69	71	68	65	78
	Outlet	40	45	72	65	73	79	71	65	81
	Radiated	42	45	58	43	50	51	49	45	60
7	Inlet	34	50	66	67	67	67	65	62	74
	Outlet	31	43	66	66	72	75	68	63	78
	Radiated	34	43	51	42	48	47	45	42	55
8	Inlet	31	47	66	64	65	66	63	60	72
	Outlet	30	40	66	63	69	74	66	60	76
	Radiated	31	40	48	39	46	46	43	40	53
9	Inlet	32	45	69	63	63	65	63	59	73
	Outlet	35	39	67	60	68	73	66	59	76
	Radiated	37	40	53	37	44	46	44	39	55
10	Inlet	27	43	59	60	60	60	58	55	67
	Outlet	24	36	59	59	65	68	61	56	71
	Radiated	27	36	44	35	41	40	38	35	48
11	Inlet	24	40	59	57	58	59	56	53	65
	Outlet	23	33	59	56	62	67	59	53	69
	Radiated	24	33	41	32	39	39	36	33	46
12	Inlet	25	38	62	56	56	59	56	52	66
	Outlet	28	32	60	53	61	66	59	52	69
	Radiated	30	33	46	30	37	39	37	32	48

PERFORMANCE CURVES - ACOUSTIC CHARACTERISTICS

– q_v = Airflow in m^3/h.
– p_{sf} = Static pressure in Pa.
- P: Input power in W.
– SFP: Specific fan power in $W/m^3/s$ (blue curves).
– Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.

CVAB-355 ECOWATT 3-1900



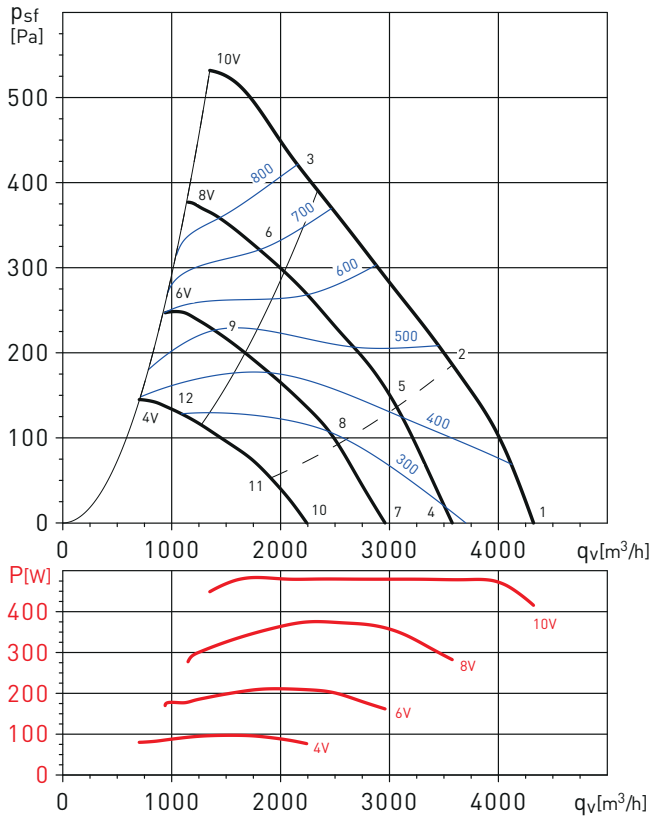
Sound power level spectrums in dB(A)

Working point		63	125	250	500	1.000	2.000	4.000	8.000	LwA
1	Inlet	39	62	74	75	70	68	68	63	79
	Outlet	37	47	66	66	77	75	70	62	80
	Radiated	29	48	58	51	55	50	49	48	61
2	Inlet	35	57	72	72	68	66	65	60	77
	Outlet	33	44	64	64	74	72	67	59	77
	Radiated	25	44	57	49	52	48	46	44	60
3	Inlet	36	62	68	70	65	65	63	58	74
	Outlet	29	51	58	61	72	70	65	56	75
	Radiated	25	45	53	46	50	46	43	41	56
4	Inlet	36	59	71	72	67	65	65	60	76
	Outlet	34	44	62	63	74	72	67	59	77
	Radiated	25	45	55	48	52	47	46	45	58
5	Inlet	32	54	69	69	64	63	62	57	74
	Outlet	30	41	61	60	71	69	64	55	74
	Radiated	22	41	54	46	49	45	43	41	56
6	Inlet	32	59	65	67	62	62	60	54	71
	Outlet	26	48	55	58	68	67	62	53	71
	Radiated	22	42	49	43	47	43	40	38	53
7	Inlet	32	54	67	67	62	61	60	56	72
	Outlet	29	39	58	58	69	67	62	54	72
	Radiated	21	41	50	43	47	43	41	40	54
8	Inlet	27	49	65	64	60	59	57	52	69
	Outlet	25	37	56	56	66	65	59	51	70
	Radiated	17	36	49	41	45	40	38	36	52
9	Inlet	28	54	61	62	58	57	55	50	67
	Outlet	22	43	50	53	64	62	57	48	67
	Radiated	18	37	45	38	43	39	36	34	49
10	Inlet	25	48	61	61	56	55	54	50	65
	Outlet	23	33	52	52	63	61	56	48	66
	Radiated	15	34	44	37	41	36	35	34	48
11	Inlet	21	43	59	58	54	53	51	46	63
	Outlet	19	30	50	50	60	58	53	45	63
	Radiated	11	30	43	35	39	34	32	30	46
12	Inlet	22	48	54	56	51	51	49	44	60
	Outlet	15	37	44	47	58	56	51	42	61
	Radiated	11	31	39	32	36	32	29	27	43

PERFORMANCE CURVES - ACOUSTIC CHARACTERISTICS

- q_v = Airflow in m^3/h.
- p_{sf} = Static pressure in Pa.
- P: Input power in W.
- SFP: Specific fan power in $W/m^3/s$ (blue curves).
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.

CVAB-400 ECOWATT 3-1720



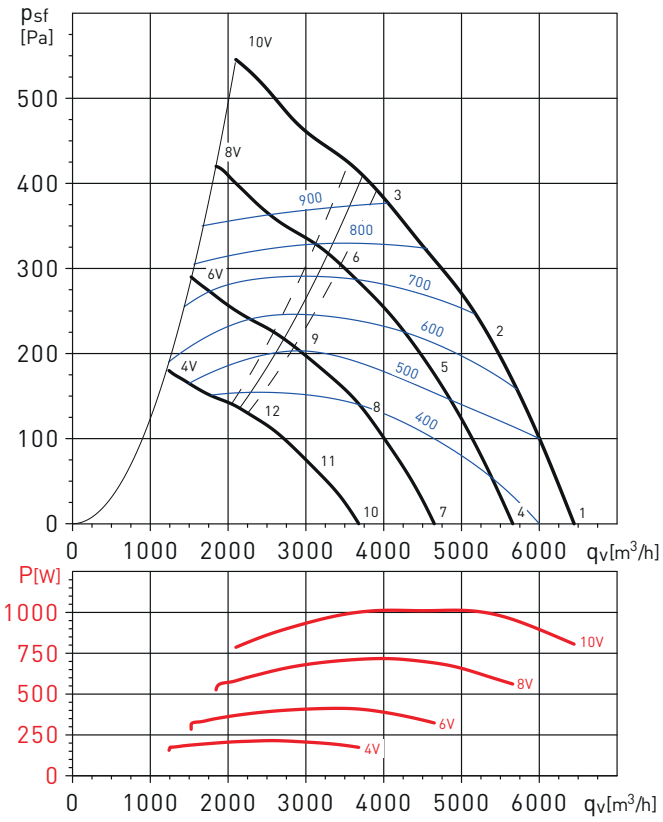
Sound power level spectrums in dB(A)

Working point		63	125	250	500	1.000	2.000	4.000	8.000	LwA
1	Inlet	49	64	73	74	70	69	66	61	79
	Outlet	51	59	65	66	75	72	68	60	78
	Radiated	50	55	60	55	64	60	60	55	68
2	Inlet	47	63	73	72	68	66	63	56	77
	Outlet	49	56	60	64	72	69	64	56	75
	Radiated	49	53	60	53	62	57	56	51	66
3	Inlet	42	62	72	71	67	65	62	55	76
	Outlet	48	55	59	64	73	69	65	59	75
	Radiated	44	52	59	52	61	56	56	50	65
4	Inlet	46	61	70	71	67	66	63	58	76
	Outlet	49	56	62	63	72	69	65	57	75
	Radiated	47	52	57	52	61	57	57	52	65
5	Inlet	45	60	71	70	65	64	60	54	75
	Outlet	47	53	58	61	70	66	61	53	72
	Radiated	46	51	57	51	59	55	54	48	64
6	Inlet	40	60	70	69	65	63	60	53	74
	Outlet	45	53	57	61	70	67	63	56	73
	Radiated	42	50	57	50	59	54	54	47	63
7	Inlet	41	57	66	67	63	62	59	53	72
	Outlet	44	52	58	59	68	65	61	53	71
	Radiated	43	48	53	48	57	53	52	48	61
8	Inlet	41	56	66	65	61	60	56	50	70
	Outlet	43	49	54	57	65	62	57	49	68
	Radiated	42	47	53	46	55	51	50	44	59
9	Inlet	36	56	66	64	61	59	56	49	70
	Outlet	41	48	53	57	66	63	59	52	69
	Radiated	37	46	53	45	55	50	50	43	59
10	Inlet	35	51	60	61	57	56	53	47	66
	Outlet	38	46	52	53	62	59	55	47	65
	Radiated	37	42	47	42	51	47	46	42	55
11	Inlet	35	50	60	59	55	54	50	44	64
	Outlet	37	43	48	51	59	56	51	43	62
	Radiated	36	41	47	40	49	45	44	38	53
12	Inlet	30	50	60	58	55	53	50	43	64
	Outlet	35	42	47	51	60	57	53	46	63
	Radiated	31	40	47	39	49	44	44	37	53

PERFORMANCE CURVES - ACOUSTIC CHARACTERISTICS

– q_v = Airflow in m^3/h.
– p_{sf} = Static pressure in Pa.
- P: Input power in W.
– SFP: Specific fan power in $W/m^3/s$ (blue curves).
– Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.

CVAB-450 ECOWATT 6-1450



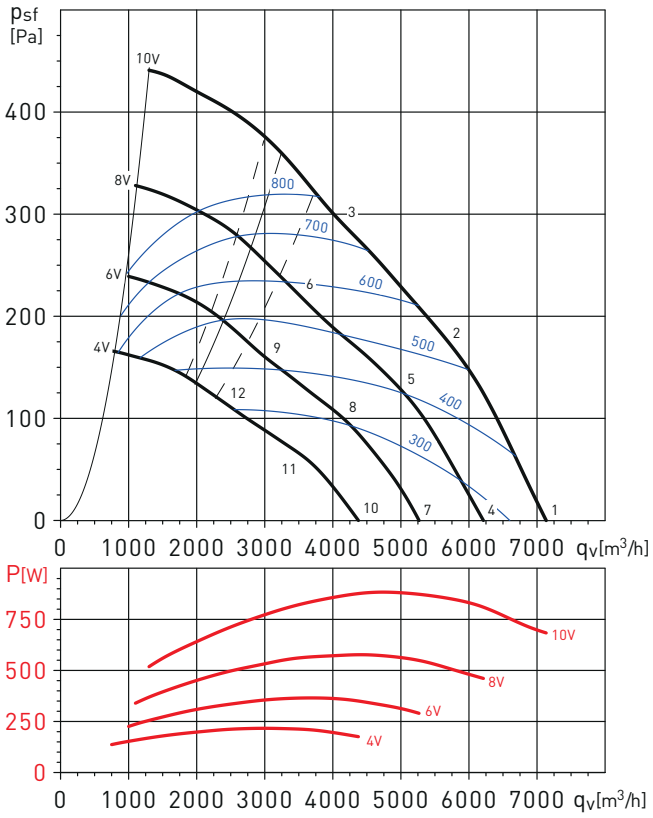
Sound power level spectrums in dB(A)

Working point		63	125	250	500	1.000	2.000	4.000	8.000	LwA
1	Inlet	44	71	72	77	72	72	71	63	81
	Outlet	50	62	71	76	81	77	75	65	84
	Radiated	40	59	63	57	57	54	54	48	66
2	Inlet	42	70	70	76	70	72	69	62	80
	Outlet	45	58	69	74	78	75	71	63	82
	Radiated	37	56	61	54	55	53	52	47	64
3	Inlet	52	72	71	77	70	71	67	61	80
	Outlet	58	63	68	73	78	74	69	62	81
	Radiated	44	61	62	55	54	52	49	45	66
4	Inlet	42	69	70	74	69	70	69	61	78
	Outlet	47	60	69	74	79	74	72	62	82
	Radiated	37	56	61	54	54	51	51	45	64
5	Inlet	39	67	68	73	67	69	66	60	77
	Outlet	43	55	66	71	76	72	69	61	79
	Radiated	34	54	58	52	52	50	49	45	62
6	Inlet	50	69	69	74	67	68	64	58	78
	Outlet	56	60	65	70	75	72	67	59	78
	Radiated	42	58	60	53	51	49	47	43	63
7	Inlet	38	65	65	70	65	65	64	56	74
	Outlet	43	55	64	69	75	70	68	58	78
	Radiated	33	52	56	50	50	47	47	41	60
8	Inlet	35	63	63	69	63	65	62	56	73
	Outlet	39	51	62	67	71	68	64	57	75
	Radiated	30	50	54	47	48	46	45	41	57
9	Inlet	46	65	65	70	63	64	60	54	73
	Outlet	51	56	61	66	71	68	62	55	74
	Radiated	37	54	55	49	47	45	42	39	59
10	Inlet	33	60	60	65	60	61	59	51	69
	Outlet	38	50	59	65	70	65	63	53	73
	Radiated	28	47	51	45	45	42	42	36	55
11	Inlet	30	58	58	64	58	60	57	51	68
	Outlet	34	46	57	62	66	63	60	52	70
	Radiated	25	45	49	42	43	41	40	36	52
12	Inlet	41	60	60	65	58	59	55	49	68
	Outlet	47	51	56	61	66	63	57	50	69
	Radiated	32	49	51	44	42	40	37	34	54

PERFORMANCE CURVES - ACOUSTIC CHARACTERISTICS

- q_v = Airflow in m^3/h.
- p_{sf} = Static pressure in Pa.
- P: Input power in W.
- SFP: Specific fan power in $W/m^3/s$ (blue curves).
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.

CVAB-500 ECOWATT 6-1210



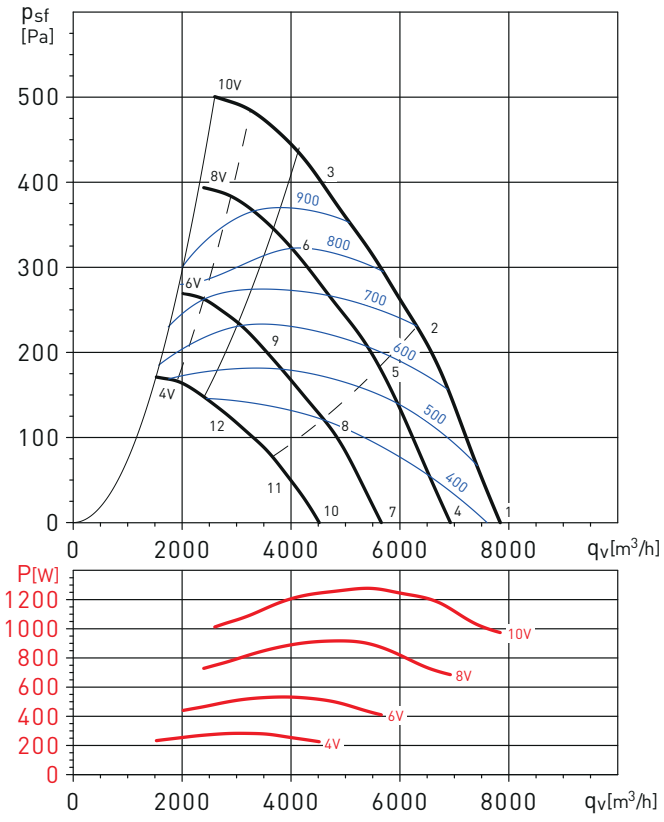
Sound power level spectrums in dB(A)

Working point		63	125	250	500	1.000	2.000	4.000	8.000	LwA
1	Inlet	45	73	68	73	70	72	70	63	79
	Outlet	46	67	69	73	79	76	74	64	83
	Radiated	39	54	59	49	48	50	49	41	62
2	Inlet	42	69	65	70	68	69	65	61	76
	Outlet	43	65	67	71	77	73	68	62	80
	Radiated	36	52	56	46	47	47	45	40	59
3	Inlet	40	65	62	67	67	68	64	60	74
	Outlet	42	60	64	69	75	72	67	61	78
	Radiated	35	49	54	44	46	46	44	39	57
4	Inlet	41	69	64	69	65	68	66	59	75
	Outlet	42	63	65	69	75	71	70	59	79
	Radiated	36	51	56	46	45	47	46	38	59
5	Inlet	38	65	61	66	64	65	61	57	72
	Outlet	39	61	62	67	73	69	64	58	76
	Radiated	33	49	53	43	44	44	42	37	56
6	Inlet	36	61	58	63	63	64	60	56	70
	Outlet	38	56	60	65	71	68	63	57	74
	Radiated	32	46	51	41	43	43	41	36	54
7	Inlet	37	65	61	65	62	64	62	56	72
	Outlet	39	60	61	65	72	68	66	56	75
	Radiated	33	48	53	43	42	43	42	35	55
8	Inlet	35	62	58	63	60	62	58	53	69
	Outlet	36	58	59	63	70	65	61	54	72
	Radiated	30	46	50	40	41	41	38	33	53
9	Inlet	33	58	55	60	60	61	57	52	67
	Outlet	35	52	57	61	67	64	60	54	71
	Radiated	29	43	48	38	40	40	38	33	50
10	Inlet	33	61	57	61	58	61	58	52	68
	Outlet	35	56	57	61	68	64	62	52	71
	Radiated	29	44	49	39	38	39	38	31	51
11	Inlet	31	58	54	59	57	58	54	49	65
	Outlet	32	54	55	59	66	61	57	50	68
	Radiated	26	42	46	36	37	37	35	29	49
12	Inlet	29	54	51	56	56	57	53	48	63
	Outlet	31	49	53	57	63	60	56	50	67
	Radiated	25	39	44	34	36	36	34	29	46

PERFORMANCE CURVES - ACOUSTIC CHARACTERISTICS

– q_v = Airflow in m^3/h.
– p_{sf} = Static pressure in Pa.
- P: Input power in W.
– SFP: Specific fan power in $W/m^3/s$ (blue curves).
– Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.

CVAT-500 ECOWATT 6-1375



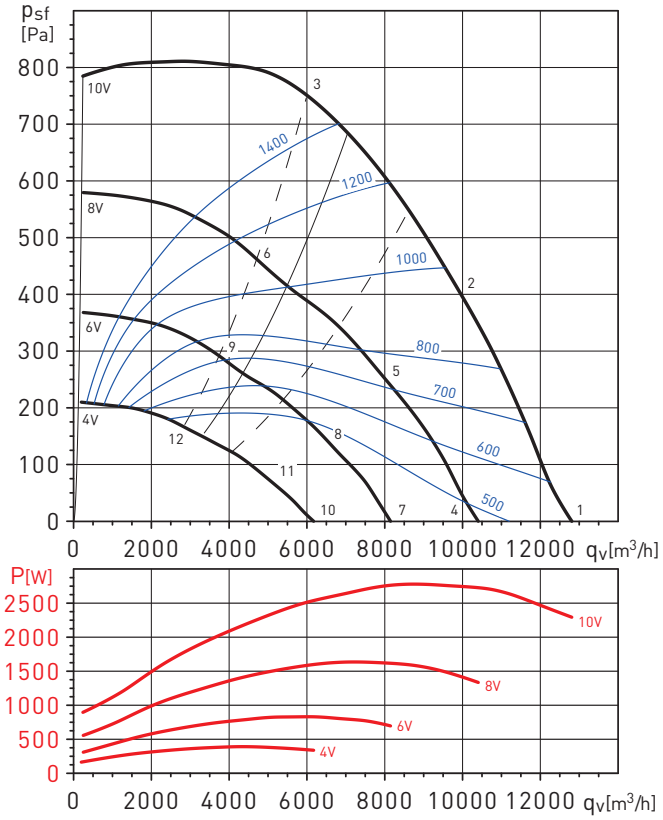
Sound power level spectrums in dB(A)

Working point		63	125	250	500	1.000	2.000	4.000	8.000	LwA
1	Inlet	50	72	74	79	72	72	73	70	83
	Outlet	50	72	75	76	80	77	76	70	85
	Radiated	46	58	69	55	51	54	55	51	70
2	Inlet	48	72	73	77	70	68	67	64	80
	Outlet	49	70	74	73	77	73	68	65	81
	Radiated	44	57	67	52	48	49	49	45	68
3	Inlet	49	68	69	72	66	65	65	62	76
	Outlet	50	64	69	68	72	69	66	64	77
	Radiated	43	56	64	47	44	46	46	43	65
4	Inlet	48	69	72	77	70	70	71	67	80
	Outlet	48	69	73	73	78	75	74	68	82
	Radiated	44	56	66	52	48	51	53	49	67
5	Inlet	46	69	70	74	67	66	65	62	78
	Outlet	47	67	71	70	74	70	66	62	79
	Radiated	41	54	64	49	46	47	46	43	65
6	Inlet	46	66	67	69	63	63	62	60	74
	Outlet	48	62	66	66	69	66	64	62	74
	Radiated	41	53	61	45	42	43	44	41	62
7	Inlet	44	65	68	73	66	66	67	63	76
	Outlet	44	65	69	69	74	71	70	64	78
	Radiated	40	52	62	48	44	47	49	45	63
8	Inlet	42	65	66	70	63	62	61	58	74
	Outlet	43	63	67	66	70	66	62	58	75
	Radiated	37	50	60	45	42	43	42	39	61
9	Inlet	42	62	63	65	59	59	58	56	70
	Outlet	44	58	62	62	65	62	60	58	70
	Radiated	37	49	57	41	38	39	40	37	58
10	Inlet	39	60	63	68	61	61	62	58	71
	Outlet	39	60	64	64	69	66	65	59	73
	Radiated	35	47	57	43	39	42	44	40	58
11	Inlet	37	60	61	65	58	57	56	53	69
	Outlet	38	58	62	61	65	61	57	53	70
	Radiated	32	45	55	40	37	38	38	34	56
12	Inlet	37	57	58	60	54	54	53	51	65
	Outlet	39	53	58	57	60	57	55	53	65
	Radiated	32	44	53	36	33	34	35	32	53

PERFORMANCE CURVES - ACOUSTIC CHARACTERISTICS

- q_v = Airflow in m^3/h.
- p_{sf} = Static pressure in Pa.
- P: Input power in W.
- SFP: Specific fan power in $W/m^3/s$ (blue curves).
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.

CVAT-560 ECOWATT 7-1380



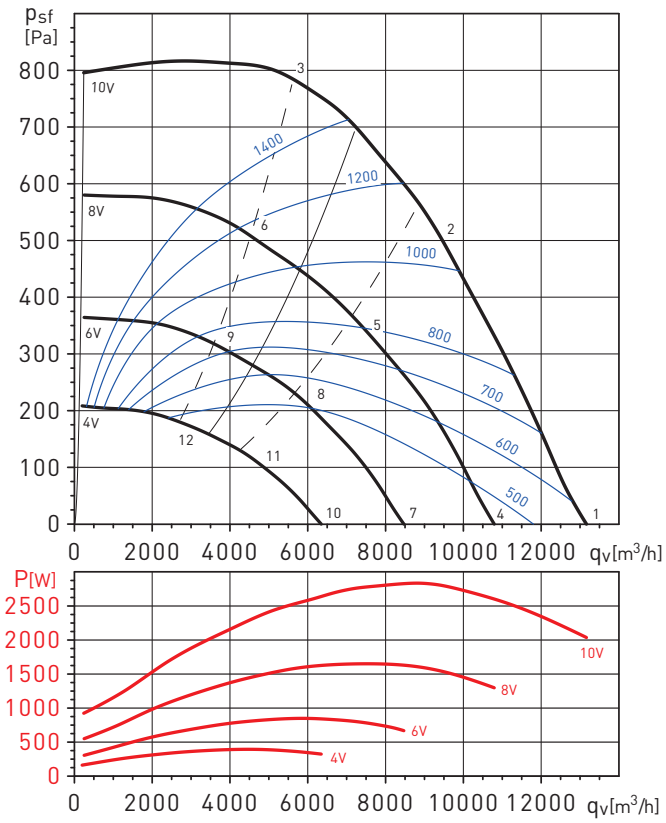
Sound power level spectrums in dB(A)

Working point		63	125	250	500	1.000	2.000	4.000	8.000	LwA
1	Inlet	52	76	81	85	82	81	78	72	89
	Outlet	57	69	78	87	91	86	83	75	94
	Radiated	40	75	70	69	69	69	68	64	79
2	Inlet	50	73	77	81	78	79	75	69	86
	Outlet	53	64	74	82	86	83	79	72	90
	Radiated	37	71	66	65	66	67	66	62	75
3	Inlet	46	71	74	77	75	79	75	70	84
	Outlet	57	69	78	87	91	86	83	75	94
	Radiated	36	66	60	60	62	66	65	60	72
4	Inlet	48	72	77	81	78	77	74	68	85
	Outlet	53	65	74	83	87	82	79	71	90
	Radiated	36	71	66	65	65	65	64	60	75
5	Inlet	46	69	73	77	74	75	71	65	82
	Outlet	50	61	70	79	83	80	75	68	86
	Radiated	33	67	62	61	62	63	62	58	71
6	Inlet	42	68	71	73	71	75	71	66	80
	Outlet	53	65	74	83	87	82	79	71	90
	Radiated	33	62	56	56	58	62	61	56	68
7	Inlet	43	67	72	76	73	72	69	63	80
	Outlet	48	60	69	78	82	77	74	66	85
	Radiated	31	66	61	60	60	60	59	55	70
8	Inlet	41	64	68	72	69	70	66	60	77
	Outlet	45	56	65	74	78	75	70	63	81
	Radiated	28	62	57	56	57	58	57	53	66
9	Inlet	37	63	66	68	66	70	66	61	75
	Outlet	48	60	69	78	82	77	74	66	85
	Radiated	28	57	51	51	53	57	56	51	63
10	Inlet	36	61	66	69	66	66	63	56	74
	Outlet	41	53	63	71	76	71	67	60	79
	Radiated	25	60	55	54	54	54	53	48	63
11	Inlet	35	57	62	66	63	63	60	54	70
	Outlet	38	49	59	67	71	68	64	57	75
	Radiated	22	56	50	50	50	51	50	46	60
12	Inlet	31	56	59	62	60	63	60	54	68
	Outlet	41	53	63	71	76	71	67	60	79
	Radiated	21	51	45	45	46	51	49	45	57

PERFORMANCE CURVES - ACOUSTIC CHARACTERISTICS

– q_v = Airflow in m^3/h.
– p_{sf} = Static pressure in Pa.
- P: Input power in W.
– SFP: Specific fan power in $W/m^3/s$ (blue curves).
– Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.

CVAT-630 ECOWATT 7-1385



Sound power level spectrums in dB(A)

Working point		63	125	250	500	1.000	2.000	4.000	8.000	LwA
1	Inlet	52	76	81	85	82	81	78	72	89
	Outlet	57	69	78	87	91	86	83	75	94
	Radiated	40	75	70	69	69	69	68	64	79
2	Inlet	50	73	77	81	78	79	75	69	86
	Outlet	53	64	74	82	86	83	79	72	90
	Radiated	37	71	66	65	66	67	66	62	75
3	Inlet	46	71	74	77	75	79	75	70	84
	Outlet	57	69	78	87	91	86	83	75	94
	Radiated	36	66	60	60	62	66	65	60	72
4	Inlet	48	72	77	81	78	77	74	68	85
	Outlet	53	65	74	83	87	82	79	71	90
	Radiated	36	71	66	65	65	65	64	60	75
5	Inlet	46	69	73	77	74	75	71	65	82
	Outlet	50	61	70	79	83	80	75	68	86
	Radiated	33	67	62	61	62	63	62	58	71
6	Inlet	42	68	71	73	71	75	71	66	80
	Outlet	53	65	74	83	87	82	79	71	90
	Radiated	33	62	56	56	58	62	61	56	68
7	Inlet	43	67	72	76	73	72	69	63	80
	Outlet	48	60	69	78	82	77	74	66	85
	Radiated	31	66	61	60	60	60	59	55	70
8	Inlet	41	64	68	72	69	70	66	60	77
	Outlet	45	56	65	74	78	75	70	63	81
	Radiated	28	62	57	56	57	58	57	53	66
9	Inlet	37	63	66	68	66	70	66	61	75
	Outlet	48	60	69	78	82	77	74	66	85
	Radiated	28	57	51	51	53	57	56	51	63
10	Inlet	36	61	66	69	66	66	63	56	74
	Outlet	41	53	63	71	76	71	67	60	79
	Radiated	25	60	55	54	54	54	53	48	63
11	Inlet	35	57	62	66	63	63	60	54	70
	Outlet	38	49	59	67	71	68	64	57	75
	Radiated	22	56	50	50	50	51	50	46	60
12	Inlet	31	56	59	62	60	63	60	54	68
	Outlet	41	53	63	71	76	71	67	60	79
	Radiated	21	51	45	45	46	51	49	45	57

MOUNTING ACCESSORIES

MBE
Electric heaters.

MBW
Hot water coil.

MFL-G4
Fitration boxes.

SIL
Sound attenuators.

ACOPEL F400 N
Circular flexible connector.

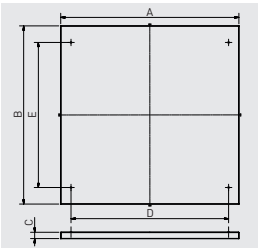
CRC
Circular reducers.

APC
Discharge protection guards for direct connection to the inlet-outlet flange.

KSE
Anti-vibration mounts.

CTI CVAB/T
Outdoor cover
for outdoor installations.

Model CTI CVAB/T	Model APC	Model CTI CVA/CHAT
250	APC-250	CTI CVAB/T-250/315
315	APC-315	CTI CVAB/T-250/315
355	APC-355	CTI CVAB/T-355/400
400	APC-400	CTI CVAB/T-355/400
450	APC-450	CTI CVAB/T-450
500	APC-500	CTI CVAB/T-500
560	APC-560	CTI CVAB/T-560/630/710/800
630	APC-630	CTI CVAB/T-560/630/710/800



Model	A	B	C	D	E
CTI CVAB/T-250/315	530	530	22	418	339
CTI CVAB/T-355/400	630	630	22	518	439
CTI CVAB/T-450	730	730	22	596	519
CTI CVAB/T-500	830	830	22	696	619
CTI CVAB/T-560/630/710/800	1030	1030	22	896	819

ELECTRICAL ACCESSORIES

AIRSENS-CO2
AIRSENS-VOC
AIRSENS-RH
AIRSENS-TEMP
IAQ intelligent sensor that incorporates an internal CO_2 or VOC or HR or temperature sensor.

CONTROL ECOWATT AC/DC
Control element for demand controlled ventilation systems.

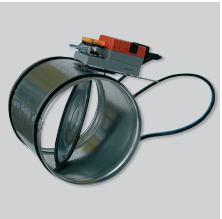
CONTROL ECOWATT BASIC
Speed control and single-phase ON/OFF.

REB-ECOWATT
Speed controller.

SCO2-AD
CO_2 and temperature sensor, with display.
SCHT-AD
CO_2, temperature and relative humidity sensor with display.

CPTA-S N / CPTA-E N
Presence detector.

TDP-S/TDP-D/
TDP-PI
Pressure sensor.



REMP
Motorised damper.