



Range of centrifugal roof mounted fans in horizontal outlet format, very low profile, bases manufactured from galvanised sheet steel, aluminium cowl, centrifugal backward curved impeller (manufactured from plastic for models 225 and 250 and from aluminium sheet form models 280 to 630), protected by a bird proof guard, external rotor motor, thermal protector and On-Off isolator switch.

Motors

Available, depending on the model, in 2, 4 or 6 poles.

Supply voltage.

Single-phase 230V-50/60Hz (1), IP54, Class F, controllable by voltage.

Three-phase 230/400V-50/60Hz (2), IP54, Class F.

Three-phase models: speed controllable by frequency inverter and by voltage (except for models 4-450 and 4-560).

(1) Models /4-500 and 6/630, 230V-50Hz.

(2) Models /4-450, 4/560 and 6/630, 230/400V-50Hz.



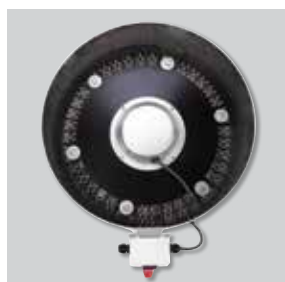
Low profile

External rotor motor to limit the height of the fan.



High efficiency centrifugal backward impeller

Low maintenance and low consumption



Bird proof guard

Steel finger proof guard.



IP55 isolation switch

ON-OFF electrical isolation switch fitted on the fan as standard.



ROOF MOUNTED FANS

CRVB-N/CRVT-N Series - Vertical discharge



TECHNICAL CHARACTERISTICS

Before making any electrical connection ensure that the voltage and frequency of the mains electrical supply matches that of the fan data plate label.

Model	Average Speed (r.p.m.)	Maximum absorbed power (W)	Maximum absorbed current (A-230V)**	Maximum air volume (m³/h)	Sound pressure level* (dB(A))		Max. Air temp. (°C at 50Hz)	Weight (kg)	Speed controller	
					Inlet	Outlet			REB	RMB
SINGLE-PHASE 2 POLE MOTORS										
CRVB/2-225N	2660	157	0,7	1.080	49	54	-40/+70	11	REB-1N	RMB-1,5
CRVB/2-250N	2640	231	1,0(1,1)	1.320	52	58	-40/+70	11,5	REB-2,5N	RMB-1,5
SINGLE-PHASE 4 POLE MOTORS										
CRVB/4-225N	1410	41	0,2	570	36	40	-40/+70	10	REB-1N	RMB-1,5
CRVB/4-250N	1370	46	0,2	690	38	44	-40/+70	10,5	REB-1N	RMB-1,5
CRVB/4-280N	1280	99	0,4	1.350	43	48	-40/+70	17,5	REB-1N	RMB-1,5
CRVB/4-315N	1380	156	0,7(0,8)	2.050	48	53	-40/+70	27	REB-1N	RMB-1,5
CRVB/4-355N	1370	296	1,2	2.960	51	57	-40/+70	29,5	REB-2,5N	RMB-1,5
CRVB/4-400N	1380	570	2,4(2,8)	4.530	55	59	-40/+55	29	REB-5	RMB-3,5
CRVB/4-450N	1410	904	3,7(5,6)	6.280	61	65	-40/+70	40,5	REB-10	RMB-8
CRVB/4-500N	1410	1.587	6,5(9,1)	8.550	63	67	-40/+40	61,5	REB-10	RMB-10
SINGLE-PHASE 6 POLE MOTORS										
CRVB/6-315N	880	60	0,3	1.380	36	43	-40/+50	25,5	REB-1N	RMB-1,5
CRVB/6-355N	890	116	0,6	2.030	39	45	-40/+50	26,5	REB-1N	RMB-1,5
CRVB/6-400N	910	166	0,7	2.900	46	48	-40/+70	27,5	REB-1N	RMB-1,5
CRVB/6-450N	890	310	1,3	4.070	49	53	-40/+60	30	REB-2,5N	RMB-1,5
CRVB/6-500N	910	444	1,9(2,4)	5.750	51	56	-40/+70	48,5	REB-2,5N	RMB-3,5
CRVB/6-560N	930	930	4,4(5,1)	8.920	56	61	-40/+70	65	REB-10	RMB-8
CRVB/6-630N	900	1.550	6,6(6,9)	12.410	58	65	-40/+50	73	REB-10	RMB-8

* Sound pressure level measured at 3 m in hemi-spherical propagation, at the duty point 2 of the performance curve.

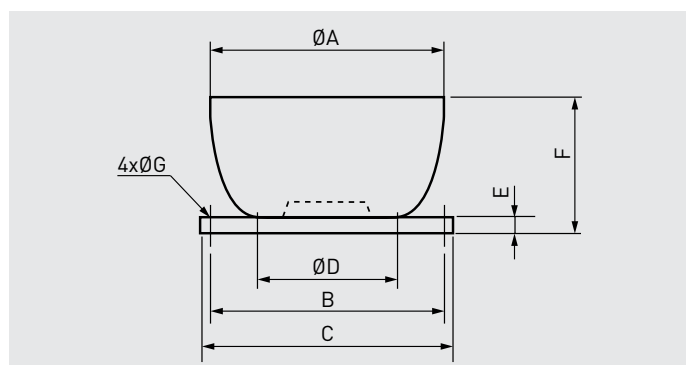
** Maximum current when the speed is controlled by voltage.

Model	Average Speed (r.p.m.)	Maximum absorbed power (W)	Maximum absorbed current** (A)		Maximum air volume (m³/h)	Sound pressure level* (dB(A))		Max. Air temp. (°C at 50Hz)	Weight (kg)	Frequency inverter			
			230V	400V		Inlet	Outlet			VFKB		VFTM	
										1-230V	3-400V	1-230V	3-400V
TRIFÁSICOS 4 POLOS													
CRVT/4-315N	1370	160	0,7	0,4	2.130	46	51	-40/+70	26	24	45	0,18	0,37
CRVT/4-355N	1390	296	1,2	0,7	3.030	47	53	-40/+65	27	24	45	0,18	0,37
CRVT/4-400N	1380	504	1,9	1,1	4.540	54	58	-40/+70	28	24	45	0,37	0,37
CRVT/4-450N	1390	900	3,1	1,8	6.080	58	63	-40/+70	38,5	24	45	0,55	0,75
CRVT/4-500N	1420	1.588	5,4	3,1	8.530	64	68	-40/+70	54,5	27	45	1,1	1,5
CRVT/4-560N	1350	2.639	8,0	4,6	12.710	65	71	-40/+60	70	-	45	1,5	2,2
TRIFÁSICOS 6 POLOS													
CRVT/6-315N	920	66	0,3	0,2	1.410	36	43	-40/+70	26	24	45	0,18	0,37
CRVT/6-355N	900	118	0,5	0,3	2.080	39	54	-40/+70	27	24	45	0,18	0,37
CRVT/6-400N	920	153	0,5	0,3	2.830	44	49	-40/+70	27,5	24	45	0,18	0,37
CRVT/6-450N	890	267	0,9	0,5	3.800	48	51	-40/+70	28	24	45	0,18	0,37
CRVT/6-500N	920	498	1,9	1,1	5.940	50	55	-40/+70	41	24	45	0,37	0,37
CRVT/6-560N	930	882	3,5	2,0	9.010	57	60	-40/+70	63,5	24	45	0,75	0,75
CRVT/6-630N	900	1.521	6,4	3,7	12.550	58	64	-40/+55	70	27	45	1,1	1,5

* Sound pressure level measured at 3 m in hemi-spherical propagation, at the duty point 2 of the performance curve.

** At 50Hz without VSD.

DIMENSIONS CRVB-N / CRVT-N



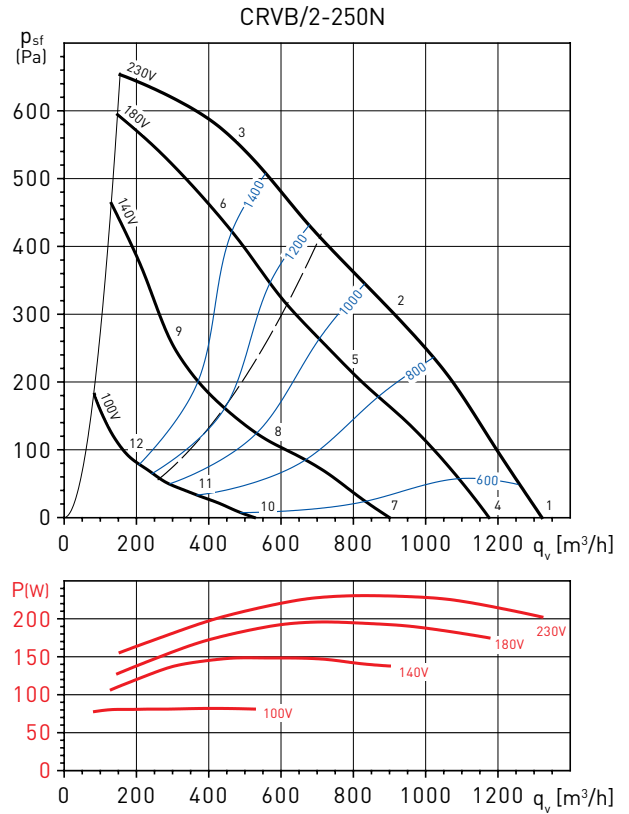
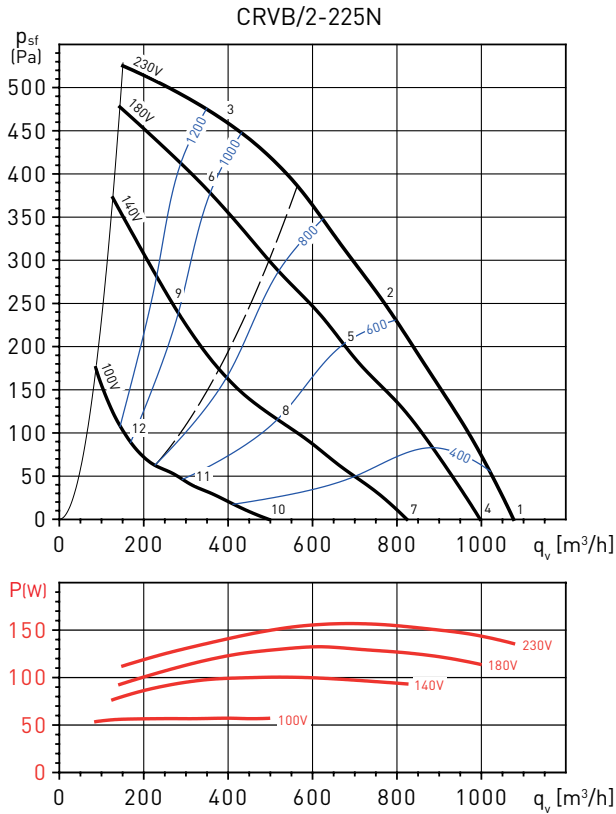
Model	ØA	B	C	ØD	E	F	ØG
225N	434	245	326	183	35	260	10
250N	434	245	326	204	35	260	10
280N	560	330	435	228	40	305	12
315N	754	450	560	257	40	395	12
355N	754	450	560	289	40	395	12
400N	857	535	630	326	40	459	12
450N	857	535	630	367	40	459	12
500N	950	590	710	407	40	530	14
560N	1216	750	900	455	40	580	14
630N	1216	750	900	513	40	580	14

ROOF MOUNTED FANS CRVB-N/CRVT-N Series - Vertical discharge



PERFORMANCE CURVES - CRVB 2 POLE

- q_v : Airflow in m^3/h
- p_{sf} : Static pressure in Pa.
- P: Input power in W
- SFP: Specific Fan Power in W/m³/s (blue curves)
- Dry air at 20°C and 760 mmHg.
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.



Working point		63	125	250	500	1.000	2.000	4.000	8.000	LwA
1	INLET	35	48	61	67	70	69	69	62	75
	OUTLET	37	48	62	70	74	74	71	64	79
2	INLET	32	39	55	60	60	60	61	53	67
	OUTLET	32	40	61	64	66	66	62	55	71
3	INLET	35	46	58	62	60	61	59	53	67
	OUTLET	35	47	61	64	68	68	62	57	73
4	INLET	33	46	59	65	68	67	67	60	74
	OUTLET	35	46	60	68	72	72	69	62	77
5	INLET	29	36	52	57	57	57	58	50	64
	OUTLET	29	37	58	61	63	63	59	52	69
6	INLET	33	44	56	60	58	59	57	51	65
	OUTLET	33	45	59	62	66	66	60	55	71
7	INLET	29	42	55	61	64	63	63	56	69
	OUTLET	31	42	56	64	68	68	65	58	73
8	INLET	23	30	46	51	51	51	52	44	58
	OUTLET	23	31	52	55	57	57	53	46	63
9	INLET	28	39	51	55	53	54	52	46	60
	OUTLET	28	40	54	57	61	61	55	50	66
10	INLET	18	31	44	50	53	52	52	45	58
	OUTLET	20	31	45	53	57	57	54	47	62
11	INLET	13	20	36	41	41	41	42	34	47
	OUTLET	13	21	42	45	47	47	43	36	52
12	INLET	17	28	40	44	42	43	41	35	50
	OUTLET	17	29	43	46	50	50	44	39	55

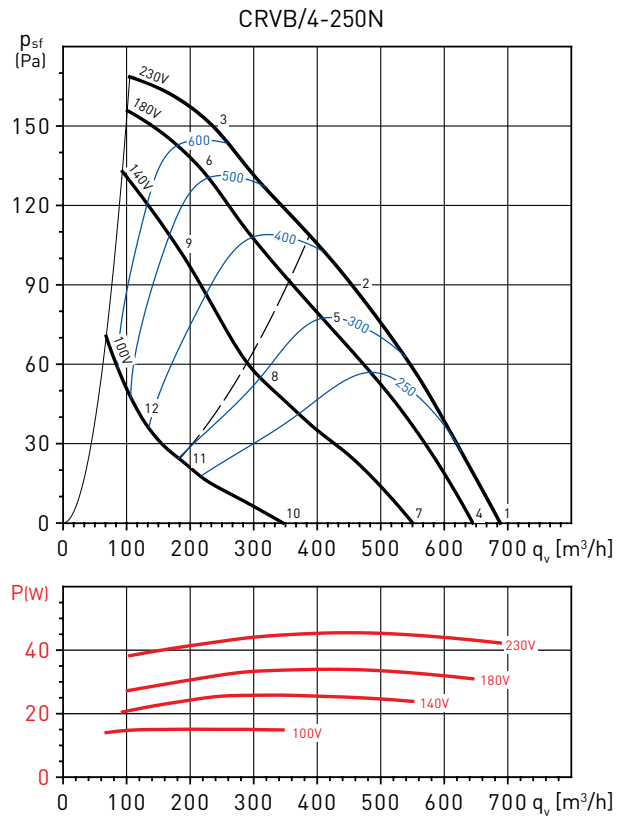
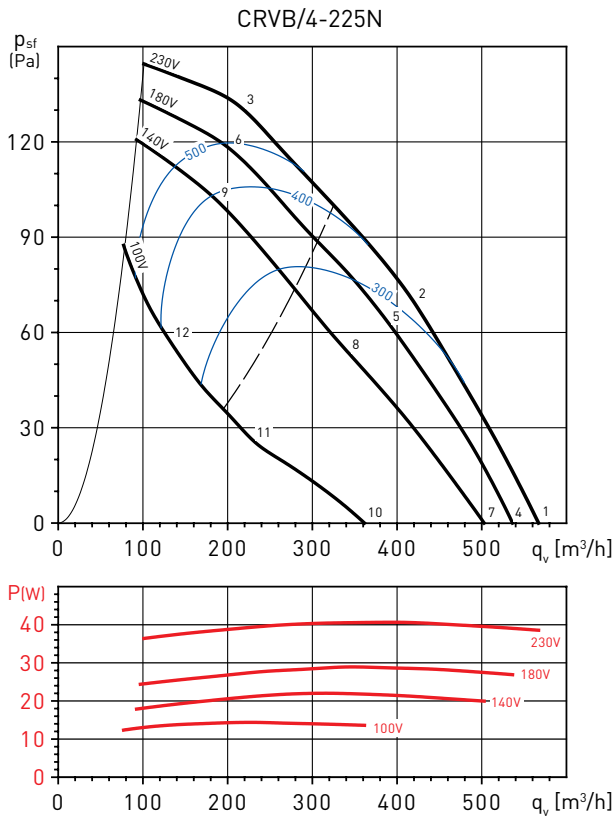
Working point		63	125	250	500	1.000	2.000	4.000	8.000	LwA
1	INLET	36	47	64	68	69	69	69	62	75
	OUTLET	39	49	68	71	74	76	73	66	80
2	INLET	33	43	58	62	62	64	62	56	69
	OUTLET	33	43	61	66	70	72	66	60	76
3	INLET	36	49	59	63	64	68	64	59	72
	OUTLET	36	50	60	66	71	76	70	64	78
4	INLET	34	45	62	66	67	67	67	60	73
	OUTLET	37	47	66	69	72	74	71	64	78
5	INLET	30	40	55	59	59	61	59	53	66
	OUTLET	30	40	58	63	67	69	63	57	72
6	INLET	34	47	57	61	62	66	62	57	70
	OUTLET	34	48	58	64	69	74	68	62	76
7	INLET	28	39	56	60	61	61	61	54	67
	OUTLET	31	41	60	63	66	68	65	58	72
8	INLET	23	33	48	52	52	54	52	46	59
	OUTLET	23	33	51	56	60	62	56	50	65
9	INLET	28	41	51	55	56	60	56	51	64
	OUTLET	28	42	52	58	63	68	62	56	70
10	INLET	16	27	44	48	49	49	49	42	56
	OUTLET	19	29	48	51	54	56	53	46	60
11	INLET	12	22	37	41	41	43	41	35	48
	OUTLET	12	22	40	45	49	51	45	39	54
12	INLET	16	29	39	43	44	48	44	39	52
	OUTLET	16	30	40	46	51	56	50	44	59

ROOF MOUNTED FANS CRVB-N/CRVT-N Series - Vertical discharge



PERFORMANCE CURVES - CRVB 4 POLE

- 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)
- Dry air at 20°C and 760 mmHg.
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.

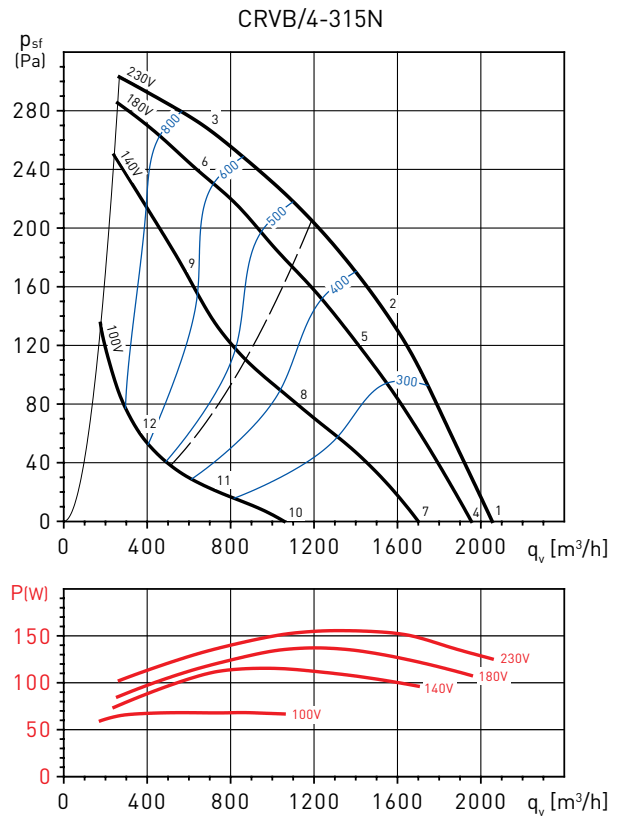
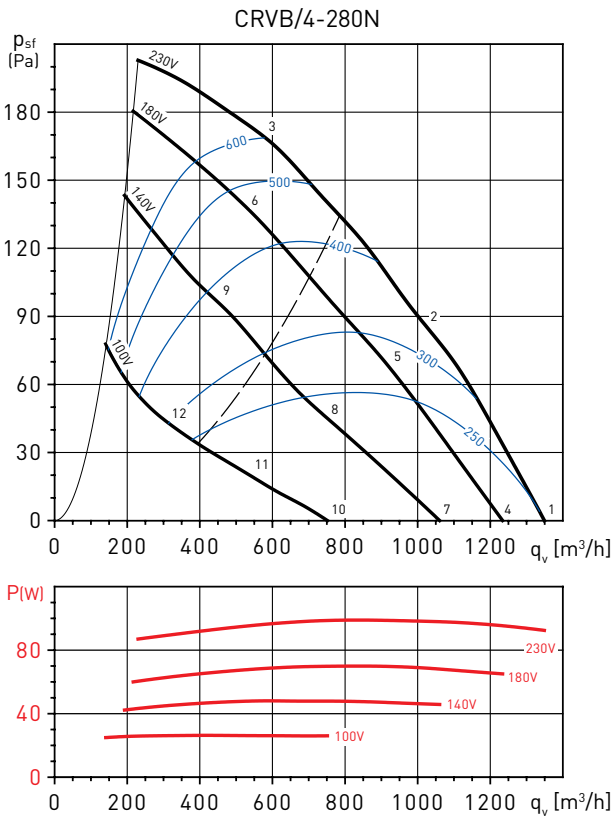


Working point		63	125	250	500	1.000	2.000	4.000	8.000	LwA
1	INLET	27	42	46	51	55	56	48	37	60
	OUTLET	27	44	48	54	58	61	49	38	64
2	INLET	25	42	43	45	47	49	43	35	53
	OUTLET	25	42	46	50	52	55	42	35	58
3	INLET	35	43	45	46	47	45	40	33	53
	OUTLET	27	43	46	51	54	51	41	34	58
4	INLET	26	41	45	50	54	55	47	36	59
	OUTLET	26	43	47	53	57	60	48	37	63
5	INLET	24	41	42	44	46	48	42	34	53
	OUTLET	24	41	45	49	51	54	41	34	57
6	INLET	34	42	44	45	46	44	39	32	52
	OUTLET	26	42	45	50	53	50	40	33	57
7	INLET	25	40	44	49	53	54	46	35	58
	OUTLET	25	42	46	52	56	59	47	36	61
8	INLET	22	39	40	42	44	46	40	32	50
	OUTLET	22	39	43	47	49	52	39	32	55
9	INLET	33	41	43	44	45	43	38	31	50
	OUTLET	25	41	44	49	52	49	39	32	55
10	INLET	18	33	37	42	46	47	39	28	51
	OUTLET	18	35	39	45	49	52	40	29	55
11	INLET	14	31	32	34	36	38	32	24	43
	OUTLET	14	31	35	39	41	44	31	24	47
12	INLET	26	34	36	37	38	36	31	24	44
	OUTLET	18	34	37	42	45	42	32	25	49

Working point		63	125	250	500	1.000	2.000	4.000	8.000	LwA
1	INLET	27	47	44	49	53	56	47	38	59
	OUTLET	29	46	48	53	58	62	49	40	64
2	INLET	26	45	41	45	47	50	42	35	54
	OUTLET	30	44	47	50	54	58	45	38	60
3	INLET	30	47	44	50	50	49	43	36	56
	OUTLET	32	46	49	54	58	57	48	39	62
4	INLET	26	46	43	48	52	55	46	37	58
	OUTLET	28	45	47	52	57	61	48	39	63
5	INLET	24	43	39	43	45	48	40	33	52
	OUTLET	28	42	45	48	52	56	43	36	59
6	INLET	29	46	43	49	49	48	42	35	55
	OUTLET	31	45	48	53	57	56	47	38	61
7	INLET	22	42	39	44	48	51	42	33	55
	OUTLET	24	41	43	48	53	57	44	35	60
8	INLET	20	39	35	39	41	44	36	29	47
	OUTLET	24	38	41	44	48	52	39	32	54
9	INLET	26	43	40	46	46	45	39	32	51
	OUTLET	28	42	45	50	54	53	44	35	58
10	INLET	13	33	30	35	39	42	33	24	45
	OUTLET	15	32	34	39	44	48	35	26	50
11	INLET	9	28	24	28	30	33	25	18	37
	OUTLET	13	27	30	33	37	41	28	21	44
12	INLET	16	33	30	36	36	35	29	22	42
	OUTLET	18	32	35	40	44	43	34	25	48

PERFORMANCE CURVES - CRVB 4 POLE

- q_v : Airflow in m^3/h
- p_{sf} : Static pressure in Pa.
- P: Input power in W
- SFP: Specific Fan Power in W/m³/s (blue curves)
- Dry air at 20°C and 760 mmHg.
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.

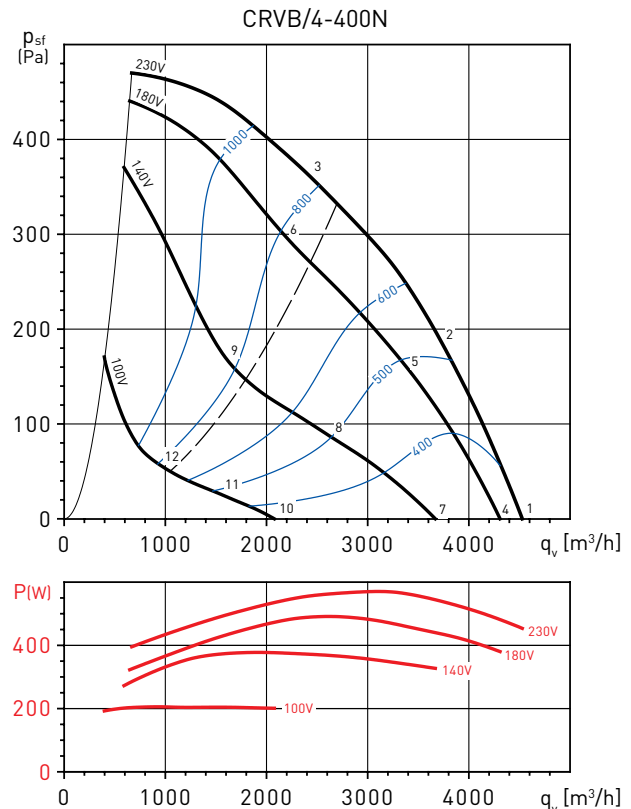
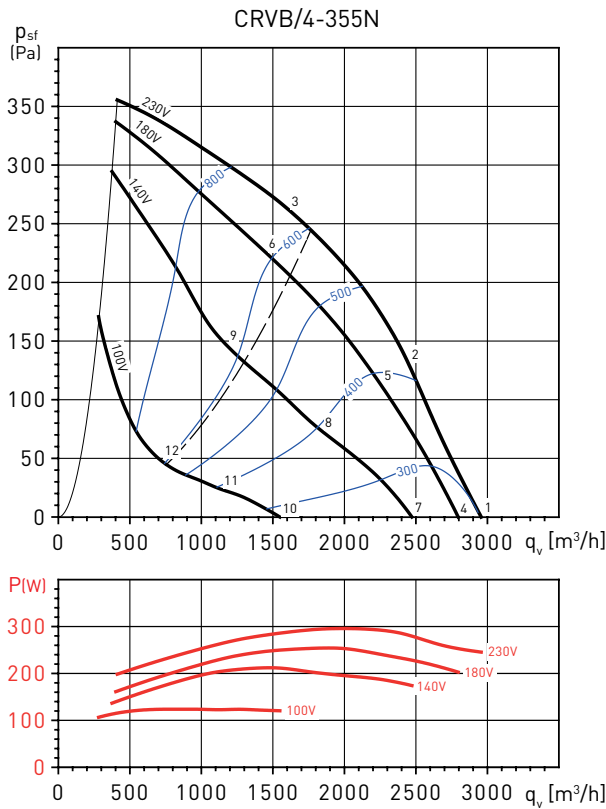


Working point		63	125	250	500	1.000	2.000	4.000	8.000	LwA
1	INLET	37	49	53	57	61	65	54	42	67
	OUTLET	43	53	54	62	66	65	54	43	70
2	INLET	37	48	52	55	53	53	48	38	60
	OUTLET	43	52	52	60	62	58	50	39	66
3	INLET	41	49	54	56	52	52	47	39	60
	OUTLET	43	51	53	61	62	59	51	42	66
4	INLET	35	47	51	55	59	63	52	40	65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

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

PERFORMANCE CURVES - CRVB 4 POLE

- 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)
- Dry air at $20^\circ C$ and 760 mmHg.
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.



Working point		63	125	250	500	1.000	2.000	4.000	8.000	LwA
1	INLET	45	56	65	66	65	64	62	53	72
	OUTLET	45	61	68	71	74	70	66	57	78
2	INLET	41	53	61	61	62	62	59	50	68
	OUTLET	41	58	64	67	70	67	63	54	74
3	INLET	35	48	58	58	61	60	56	48	66
	OUTLET	36	56	61	65	70	66	61	52	73
4	INLET	44	55	64	65	64	63	61	52	71
	OUTLET	44	60	67	70	73	69	65	56	77
5	INLET	39	51	59	59	60	60	57	48	67
	OUTLET	39	56	62	65	68	65	61	52	72
6	INLET	33	46	56	56	59	58	54	46	64
	OUTLET	34	54	59	63	68	64	59	50	71
7	INLET	41	52	61	62	61	60	58	49	68
	OUTLET	41	57	64	67	70	66	62	53	74
8	INLET	35	47	55	55	56	56	53	44	62
	OUTLET	35	52	58	61	64	61	57	48	68
9	INLET	29	42	52	52	55	54	50	42	60
	OUTLET	30	50	55	59	64	60	55	46	67
10	INLET	31	42	51	52	51	50	48	39	58
	OUTLET	31	47	54	57	60	56	52	43	64
11	INLET	24	36	44	44	45	45	42	33	51
	OUTLET	24	41	47	50	53	50	46	37	57
12	INLET	17	30	40	40	43	42	38	30	48
	OUTLET	18	38	43	47	52	48	43	34	55

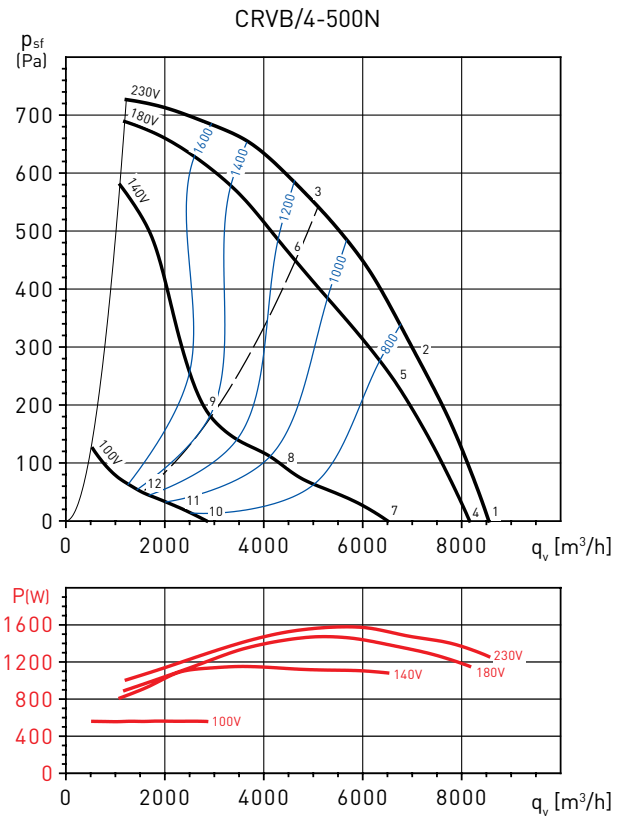
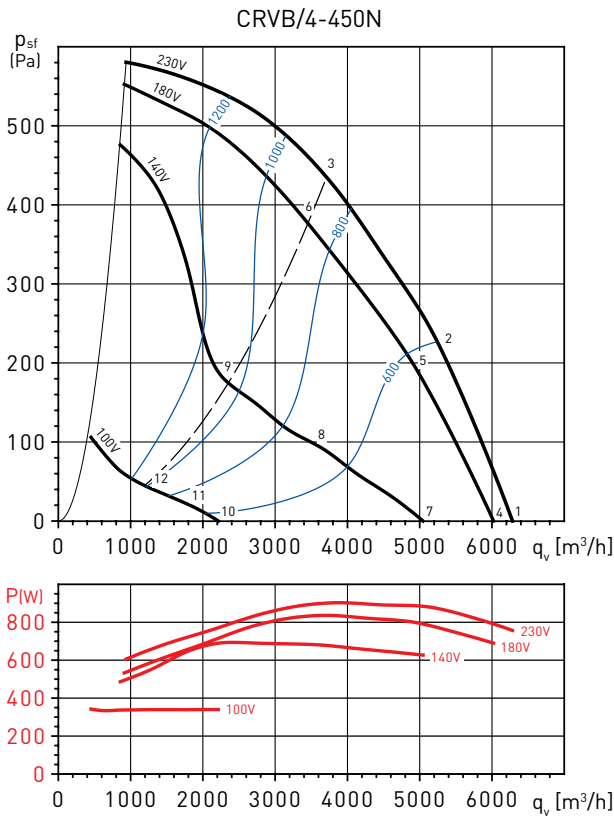
Working point		63	125	250	500	1.000	2.000	4.000	8.000	LwA
1	INLET	40	61	66	69	69	71	68	58	76
	OUTLET	43	66	70	74	75	74	71	61	80
2	INLET	37	56	62	64	66	68	64	56	72
	OUTLET	40	65	66	69	72	70	67	59	77
3	INLET	37	52	60	61	65	65	62	55	70
	OUTLET	39	60	64	67	71	69	65	58	75
4	INLET	39	60	65	68	68	70	67	57	75
	OUTLET	42	65	69	73	74	73	70	60	79
5	INLET	35	54	60	62	64	66	62	54	71
	OUTLET	38	63	64	67	70	68	65	57	75
6	INLET	35	50	58	59	63	63	60	53	68
	OUTLET	37	58	62	65	69	67	63	56	73
7	INLET	35	56	61	64	64	66	63	53	72
	OUTLET	38	61	65	69	70	69	66	56	76
8	INLET	29	48	54	56	58	60	56	48	65
	OUTLET	32	57	58	61	64	62	59	51	69
9	INLET	29	44	52	53	57	57	54	47	62
	OUTLET	31	52	56	59	63	61	57	50	67
10	INLET	23	44	49	52	52	54	51	41	59
	OUTLET	26	49	53	57	58	57	54	44	64
11	INLET	17	36	42	44	46	48	44	36	53
	OUTLET	20	45	46	49	52	50	47	39	57
12	INLET	17	32	40	41	45	45	42	35	50
	OUTLET	19	40	44	47	51	49	45	38	55

ROOF MOUNTED FANS CRVB-N/CRVT-N Series - Vertical discharge



PERFORMANCE CURVES - CRVB 4 POLE

- 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)
- Dry air at 20°C and 760 mmHg.
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.

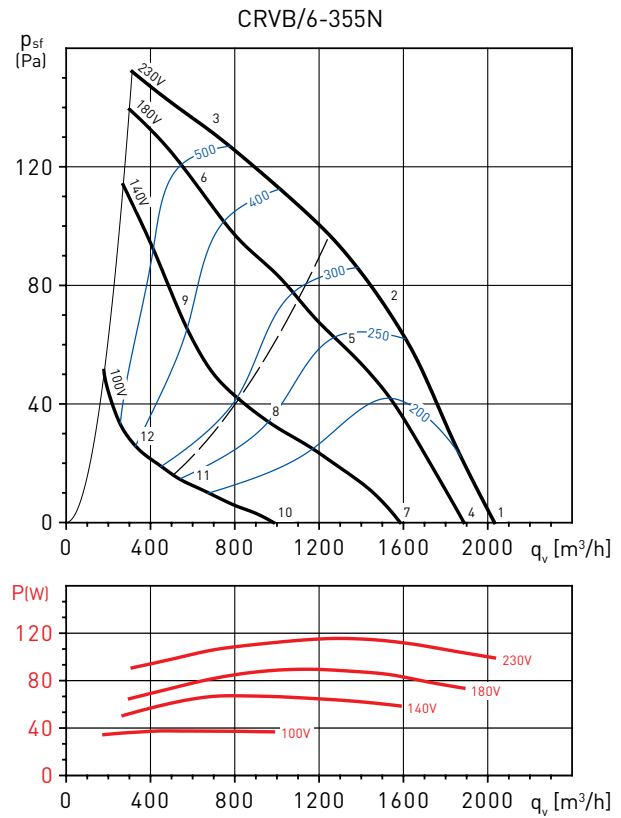
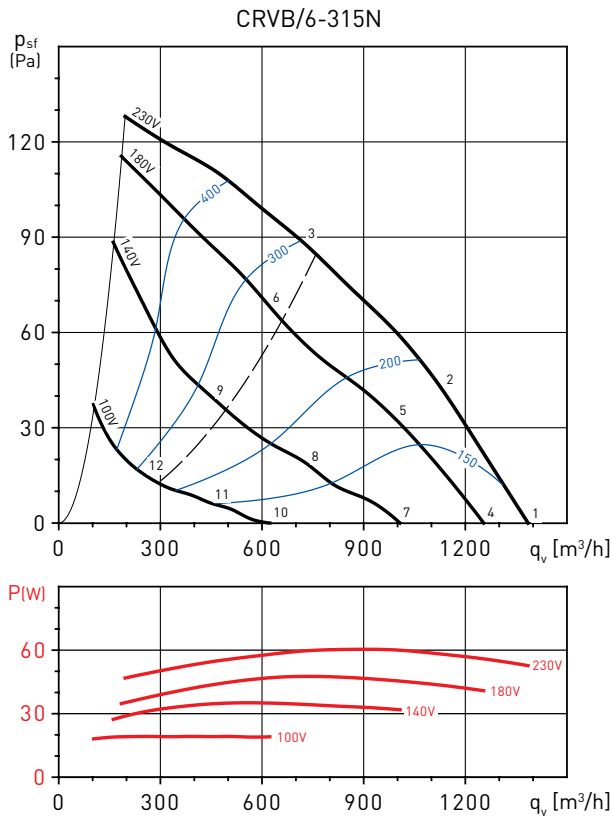


Working point		63	125	250	500	1.000	2.000	4.000	8.000	LwA
1	INLET	49	65	73	76	75	74	73	65	82
	OUTLET	53	71	75	79	83	79	76	69	87
2	INLET	46	63	69	72	71	72	69	62	78
	OUTLET	48	69	71	74	79	76	73	67	83
3	INLET	41	58	65	67	69	71	67	61	76
	OUTLET	42	63	66	70	77	77	73	68	82
4	INLET	48	64	72	75	74	73	72	64	81
	OUTLET	52	70	74	78	82	78	75	68	86
5	INLET	45	62	68	71	70	71	68	61	77
	OUTLET	47	68	70	73	78	75	72	66	81
6	INLET	39	56	63	65	67	69	65	59	74
	OUTLET	40	61	64	68	75	75	71	66	80
7	INLET	44	60	68	71	70	69	68	60	77
	OUTLET	48	66	70	74	78	74	71	64	82
8	INLET	37	54	60	63	62	63	60	53	69
	OUTLET	39	60	62	65	70	67	64	58	74
9	INLET	32	49	56	58	60	62	58	52	66
	OUTLET	33	54	57	61	68	68	64	59	72
10	INLET	27	43	51	54	53	52	51	43	59
	OUTLET	31	49	53	57	61	57	54	47	64
11	INLET	22	39	45	48	47	48	45	38	54
	OUTLET	24	45	47	50	55	52	49	43	59
12	INLET	17	34	41	43	45	47	43	37	51
	OUTLET	18	39	42	46	53	53	49	44	57

Working point		63	125	250	500	1.000	2.000	4.000	8.000	LwA
1	INLET	52	71	77	78	78	77	75	72	85
	OUTLET	56	72	77	82	84	82	79	75	89
2	INLET	50	68	73	73	74	74	72	67	81
	OUTLET	52	69	73	77	80	78	75	70	85
3	INLET	45	64	67	68	73	74	71	66	79
	OUTLET	48	65	68	73	78	79	75	70	83
4	INLET	51	70	76	77	77	76	74	71	84
	OUTLET	55	71	76	81	83	81	78	74	88
5	INLET	48	66	71	71	72	72	70	65	79
	OUTLET	50	67	71	75	78	76	73	68	83
6	INLET	43	62	65	66	71	72	69	64	77
	OUTLET	46	63	66	71	76	77	73	68	81
7	INLET	46	65	71	72	72	71	69	66	78
	OUTLET	50	66	71	76	78	76	73	69	82
8	INLET	39	57	62	62	63	63	61	56	70
	OUTLET	41	58	62	66	69	67	64	59	73
9	INLET	34	53	56	57	62	63	60	55	67
	OUTLET	37	54	57	62	67	68	64	59	72
10	INLET	28	47	53	54	54	53	51	48	60
	OUTLET	32	48	53	58	60	58	55	51	65
11	INLET	24	42	47	47	48	48	46	41	55
	OUTLET	26	43	47	51	54	52	49	44	59
12	INLET	19	38	41	42	47	48	45	40	53
	OUTLET	22	39	42	47	52	53	49	44	58

PERFORMANCE CURVES - CRVB 6 POLE

- 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)
- Dry air at 20°C and 760 mmHg.
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.



Working point		63	125	250	500	1.000	2.000	4.000	8.000	LwA
1	INLET	34	44	50	50	51	54	43	33	58
	OUTLET	34	50	54	56	58	61	47	37	64
2	INLET	30	41	48	47	48	49	39	30	54
	OUTLET	30	49	53	54	56	55	42	33	61
3	INLET	29	38	47	45	45	42	34	28	52
	OUTLET	29	48	49	51	53	47	37	30	58
4	INLET	32	42	48	48	49	52	41	31	56
	OUTLET	32	48	52	54	56	59	45	35	62
5	INLET	27	38	45	44	45	46	36	27	51
	OUTLET	27	46	50	51	53	52	39	30	58
6	INLET	26	35	44	42	42	39	31	25	49
	OUTLET	26	45	46	48	50	44	34	27	55
7	INLET	27	37	43	43	44	47	36	26	51
	OUTLET	27	43	47	49	51	54	40	30	58
8	INLET	21	32	39	38	39	40	30	21	45
	OUTLET	21	40	44	45	47	46	33	24	52
9	INLET	20	29	38	36	36	33	25	19	42
	OUTLET	20	39	40	42	44	38	28	21	48
10	INLET	17	27	33	33	34	37	26	16	41
	OUTLET	17	33	37	39	41	44	30	20	47
11	INLET	10	21	28	27	28	29	19	10	34
	OUTLET	10	29	33	34	36	35	22	13	41
12	INLET	9	18	27	25	25	22	14	8	32
	OUTLET	9	28	29	31	33	27	17	10	37

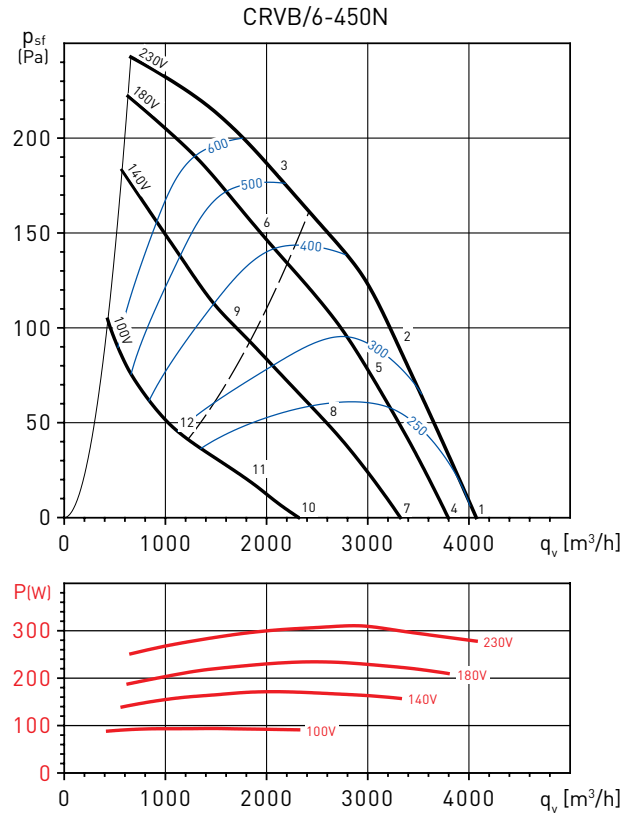
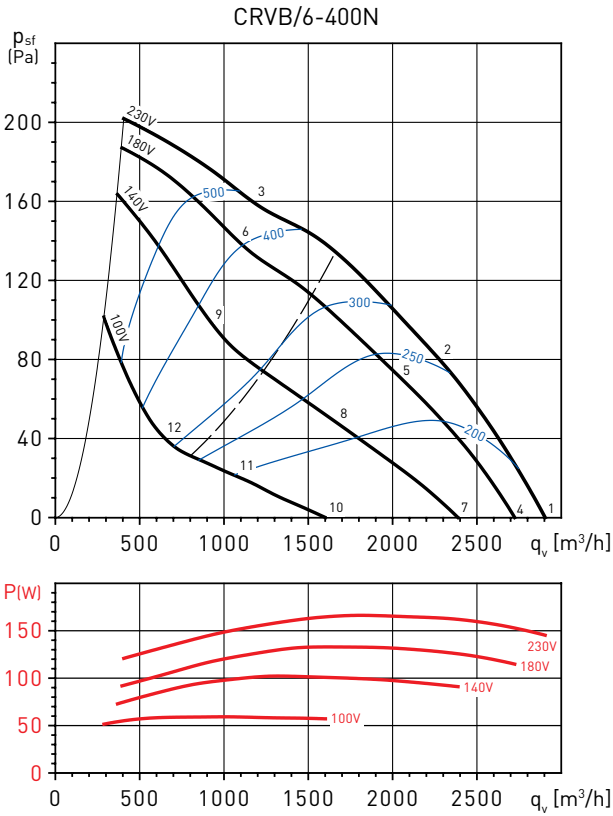
Working point		63	125	250	500	1.000	2.000	4.000	8.000	LwA
1	INLET	36	44	51	52	53	57	48	37	60
	OUTLET	36	50	55	58	61	61	51	40	66
2	INLET	31	40	48	48	50	53	45	36	57
	OUTLET	32	47	52	54	59	56	48	38	62
3	INLET	35	42	48	49	52	50	43	35	56
	OUTLET	35	46	51	54	61	55	48	39	63
4	INLET	35	43	50	51	52	56	47	36	59
	OUTLET	35	49	54	57	60	60	50	39	64
5	INLET	29	38	46	46	48	51	43	34	54
	OUTLET	30	45	50	52	57	54	46	36	60
6	INLET	33	40	46	47	50	48	41	33	54
	OUTLET	33	44	49	52	59	53	46	37	61
7	INLET	31	39	46	47	48	52	43	32	55
	OUTLET	31	45	50	53	56	56	46	35	60
8	INLET	23	32	40	40	42	45	37	28	49
	OUTLET	24	39	44	46	51	48	40	30	54
9	INLET	28	35	41	42	45	43	36	28	49
	OUTLET	28	39	44	47	54	48	41	32	56
10	INLET	21	29	36	37	38	42	33	22	45
	OUTLET	21	35	40	43	46	46	36	25	50
11	INLET	12	21	29	29	31	34	26	17	38
	OUTLET	13	28	33	35	40	37	29	19	43
12	INLET	17	24	30	31	34	32	25	17	38
	OUTLET	17	28	33	36	43	37	30	21	45

ROOF MOUNTED FANS CRVB-N/CRVT-N Series - Vertical discharge



PERFORMANCE CURVES - CRVB 6 POLE

- q_v : Airflow in m^3/h
- p_{st} : Static pressure in Pa.
- P: Input power in W
- SFP: Specific Fan Power in $W/m^3/s$ (blue curves)
- Dry air at $20^\circ C$ and 760 mmHg.
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.

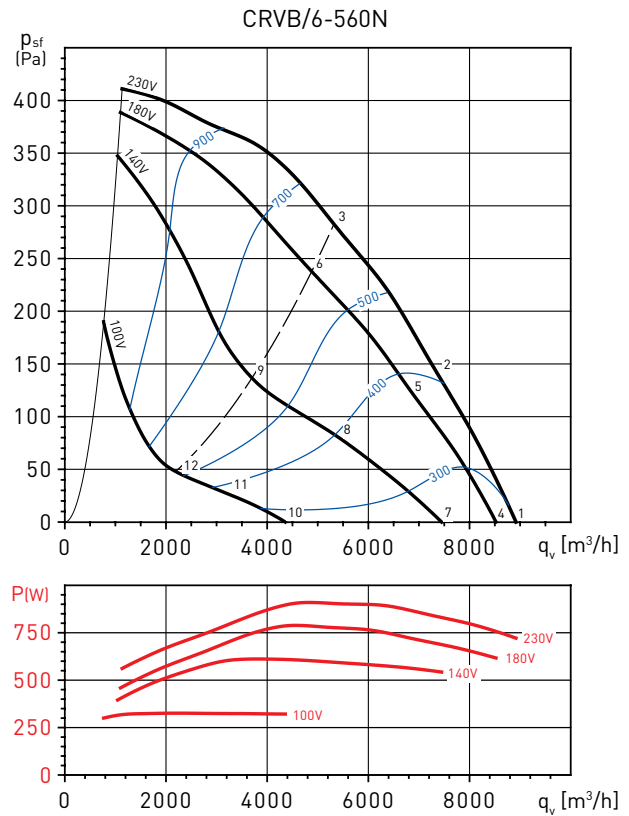
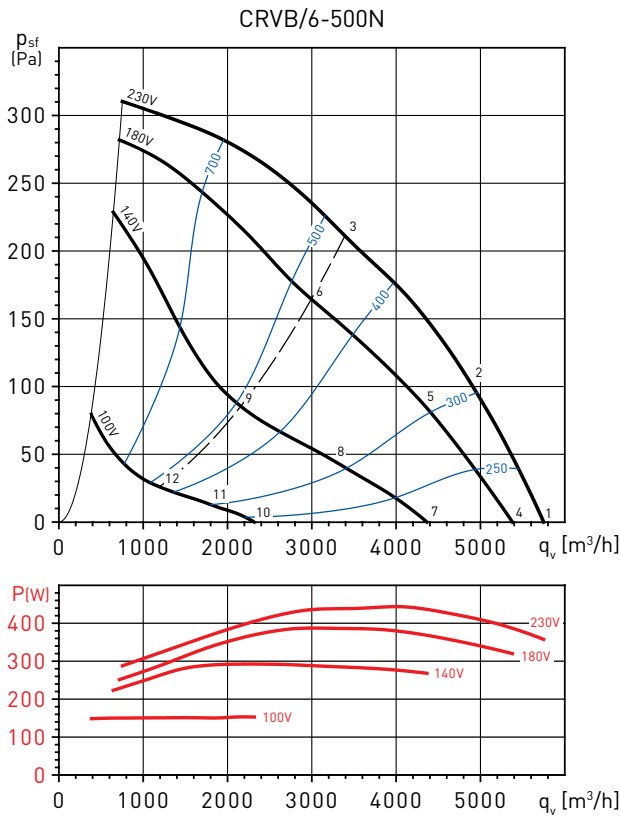


Working point		63	125	250	500	1.000	2.000	4.000	8.000	LwA
1	INLET	35	46	55	58	65	63	51	41	68
	OUTLET	37	53	58	61	66	65	53	44	70
2	INLET	31	44	51	55	61	54	46	36	63
	OUTLET	31	49	55	59	63	57	49	39	66
3	INLET	38	45	52	55	55	50	45	37	60
	OUTLET	36	50	55	59	63	57	51	41	66
4	INLET	34	45	54	57	64	62	50	40	67
	OUTLET	36	52	57	60	65	64	52	43	68
5	INLET	29	42	49	53	59	52	44	34	61
	OUTLET	29	47	53	57	61	55	47	37	64
6	INLET	36	43	50	53	53	48	43	35	58
	OUTLET	34	48	53	57	61	55	49	39	64
7	INLET	31	42	51	54	61	59	47	37	64
	OUTLET	33	49	54	57	62	61	49	40	65
8	INLET	25	38	45	49	55	48	40	30	57
	OUTLET	25	43	49	53	57	51	43	33	60
9	INLET	33	40	47	50	50	45	40	32	54
	OUTLET	31	45	50	54	58	52	46	36	60
10	INLET	23	34	43	46	53	51	39	29	56
	OUTLET	25	41	46	49	54	53	41	32	58
11	INLET	16	29	36	40	46	39	31	21	48
	OUTLET	16	34	40	44	48	42	34	24	51
12	INLET	24	31	38	41	41	36	31	23	46
	OUTLET	22	36	41	45	49	43	37	27	52

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

PERFORMANCE CURVES - CRVB 6 POLE

- 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)
- Dry air at $20^\circ C$ and 760 mmHg.
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.



Working point		63	125	250	500	1.000	2.000	4.000	8.000	LwA
1	INLET	44	56	63	63	65	66	63	54	71
	OUTLET	46	61	66	69	71	70	65	56	76
2	INLET	40	53	59	60	62	63	60	52	68
	OUTLET	44	59	62	65	69	67	62	54	73
3	INLET	37	51	56	59	62	62	58	51	67
	OUTLET	43	58	57	64	69	67	61	54	73
4	INLET	42	54	61	61	63	64	61	52	70
	OUTLET	44	59	64	67	69	68	63	54	74
5	INLET	38	51	57	58	60	61	58	50	66
	OUTLET	42	57	60	63	67	65	60	52	71
6	INLET	34	48	53	56	59	59	55	48	64
	OUTLET	40	55	54	61	66	64	58	51	70
7	INLET	38	50	57	57	59	60	57	48	65
	OUTLET	40	55	60	63	65	64	59	50	70
8	INLET	31	44	50	51	53	54	51	43	60
	OUTLET	35	50	53	56	60	58	53	45	64
9	INLET	27	41	46	49	52	52	48	41	57
	OUTLET	33	48	47	54	59	57	51	44	63
10	INLET	24	36	43	43	45	46	43	34	52
	OUTLET	26	41	46	49	51	50	45	36	56
11	INLET	18	31	37	38	40	41	38	30	46
	OUTLET	22	37	40	43	47	45	40	32	51
12	INLET	14	28	33	36	39	39	35	28	44
	OUTLET	20	35	34	41	46	44	38	31	50

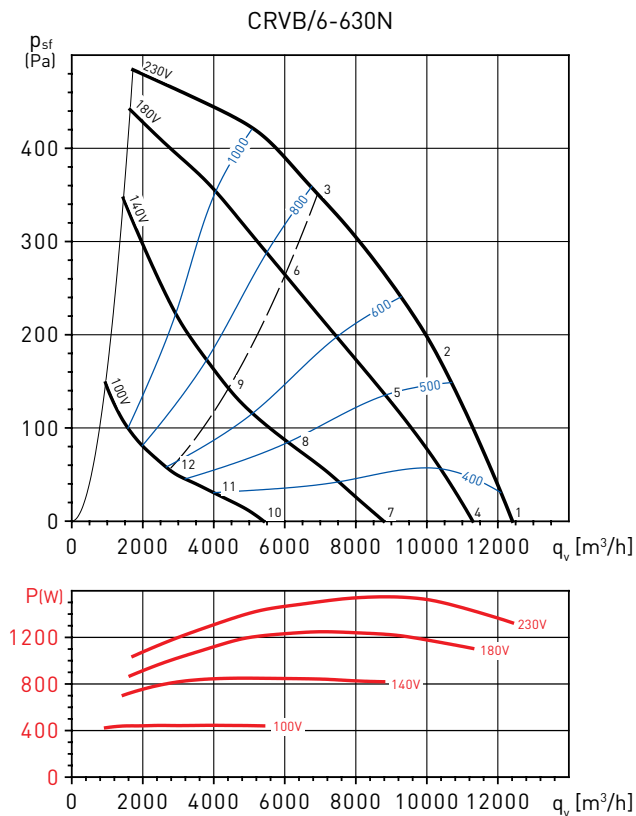
Working point		63	125	250	500	1.000	2.000	4.000	8.000	LwA
1	INLET	48	65	69	70	69	71	65	62	77
	OUTLET	52	72	74	75	77	73	67	65	82
2	INLET	46	62	66	67	66	66	61	54	73
	OUTLET	47	69	71	73	74	69	64	59	79
3	INLET	40	58	61	64	67	64	60	55	71
	OUTLET	42	64	67	69	71	68	64	59	76
4	INLET	47	64	68	69	68	70	64	61	76
	OUTLET	51	71	73	74	76	72	66	64	81
5	INLET	45	61	65	66	65	65	60	53	72
	OUTLET	46	68	70	72	73	68	63	58	77
6	INLET	38	56	59	62	65	62	58	53	69
	OUTLET	40	62	65	67	69	66	62	57	74
7	INLET	44	61	65	66	65	67	61	58	72
	OUTLET	48	68	70	71	73	69	63	61	77
8	INLET	40	56	60	61	60	60	55	48	67
	OUTLET	41	63	65	67	68	63	58	53	72
9	INLET	32	50	53	56	59	56	52	47	63
	OUTLET	34	56	59	61	63	60	56	51	68
10	INLET	32	49	53	54	53	55	49	46	61
	OUTLET	36	56	58	59	61	57	51	49	66
11	INLET	28	44	48	49	48	48	43	36	55
	OUTLET	29	51	53	55	56	51	46	41	61
12	INLET	21	39	42	45	48	45	41	36	52
	OUTLET	23	45	48	50	52	49	45	40	56

ROOF MOUNTED FANS CRVB-N/CRVT-N Series - Vertical discharge



PERFORMANCE CURVES - CRVB 6 POLE

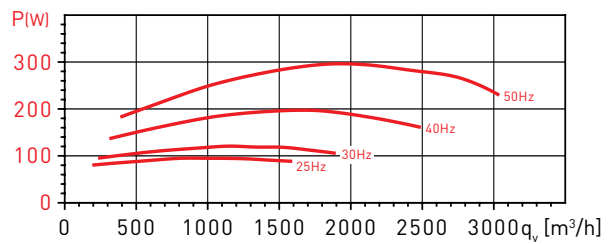
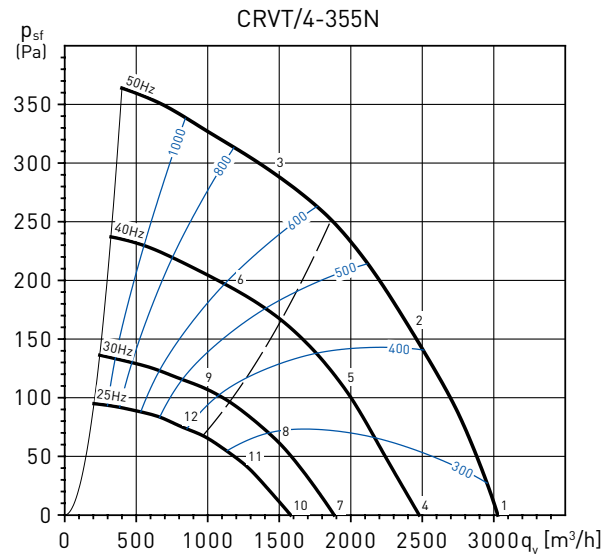
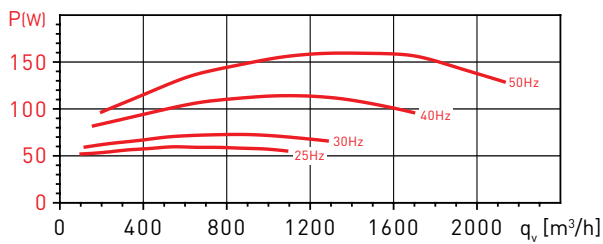
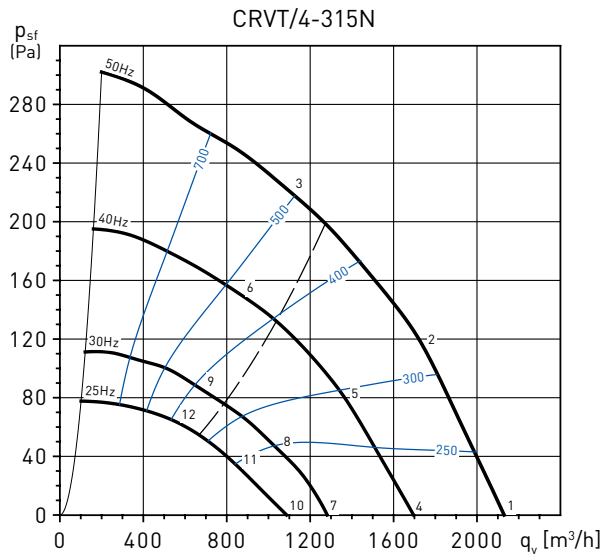
- q_v : Airflow in m^3/h
- p_{sf} : Static pressure in Pa.
- P: Input power in W
- SFP: Specific Fan Power in $W/m^3/s$ (blue curves)
- Dry air at 20°C and 760 mmHg.
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.



Working point		63	125	250	500	1.000	2.000	4.000	8.000	LwA
1	INLET	53	67	73	72	74	73	68	63	80
	OUTLET	57	75	78	79	79	78	72	67	85
2	INLET	49	65	70	68	70	68	64	59	76
	OUTLET	52	73	76	75	76	73	69	64	82
3	INLET	49	62	68	67	69	69	65	59	75
	OUTLET	49	67	74	74	75	75	70	65	81
4	INLET	51	65	71	70	72	71	66	61	78
	OUTLET	55	73	76	77	77	76	70	65	83
5	INLET	46	62	67	65	67	65	61	56	73
	OUTLET	49	70	73	72	73	70	66	61	79
6	INLET	46	59	65	64	66	66	62	56	72
	OUTLET	46	64	71	71	72	72	67	62	78
7	INLET	45	59	65	64	66	65	60	55	72
	OUTLET	49	67	70	71	71	70	64	59	78
8	INLET	40	56	61	59	61	59	55	50	66
	OUTLET	43	64	67	66	67	64	60	55	73
9	INLET	39	52	58	57	59	59	55	49	65
	OUTLET	39	57	64	64	65	65	60	55	71
10	INLET	35	49	55	54	56	55	50	45	62
	OUTLET	39	57	60	61	61	60	54	49	67
11	INLET	29	45	50	48	50	48	44	39	56
	OUTLET	32	53	56	55	56	53	49	44	63
12	INLET	29	42	48	47	49	49	45	39	55
	OUTLET	29	47	54	54	55	55	50	45	61

PERFORMANCE CURVES - CRVT 4 POLE

- 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)
- Dry air at $20^\circ C$ and 760 mmHg.
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.



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

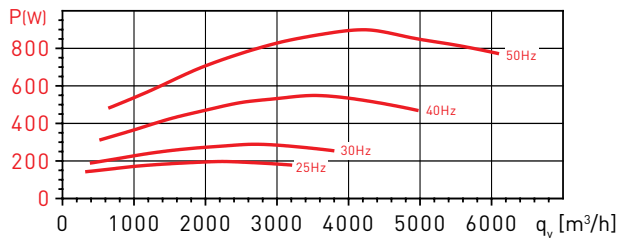
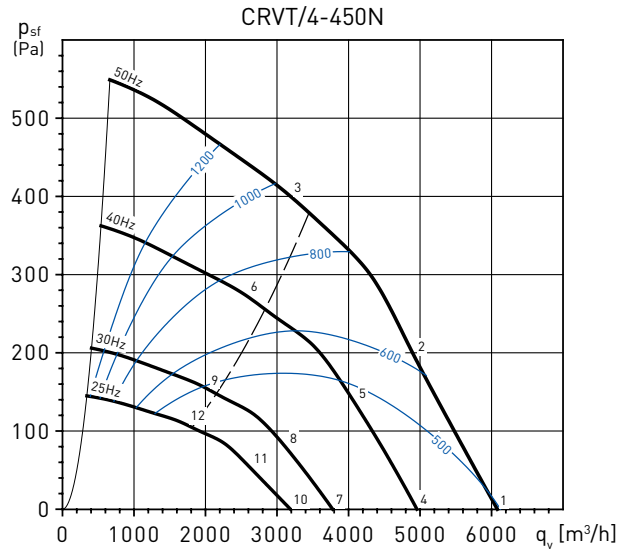
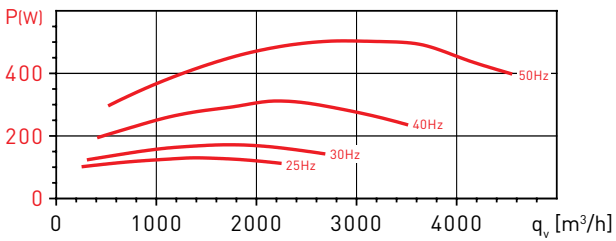
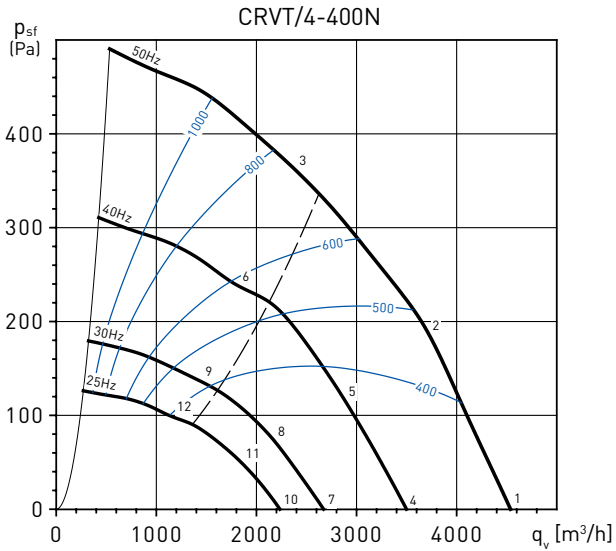
Working point		63	125	250	500	1.000	2.000	4.000	8.000	LwA
1	INLET	45	58	65	66	65	64	63	52	72
	OUTLET	44	63	67	70	73	70	67	56	77
2	INLET	40	54	59	60	60	61	58	48	67
	OUTLET	39	61	61	65	69	66	62	52	73
3	INLET	37	50	57	58	62	59	55	46	66
	OUTLET	38	58	59	65	71	66	60	52	74
4	INLET	40	53	60	61	60	59	58	47	67
	OUTLET	39	58	62	65	68	65	62	51	72
5	INLET	36	50	55	56	56	57	54	44	63
	OUTLET	35	57	57	61	65	62	58	48	69
6	INLET	33	46	53	54	58	55	51	42	62
	OUTLET	34	54	55	61	67	62	56	48	69
7	INLET	34	47	54	55	54	53	52	41	61
	OUTLET	33	52	56	59	62	59	56	45	66
8	INLET	29	43	48	49	49	50	47	37	56
	OUTLET	28	50	50	54	58	55	51	41	62
9	INLET	26	39	46	47	51	48	44	35	55
	OUTLET	27	47	48	54	60	55	49	41	63
10	INLET	30	43	50	51	50	49	48	37	57
	OUTLET	29	48	52	55	58	55	52	41	63
11	INLET	26	40	45	46	46	47	44	34	53
	OUTLET	25	47	47	51	55	52	48	38	58
12	INLET	22	35	42	43	47	44	40	31	51
	OUTLET	23	43	44	50	56	51	45	37	59

ROOF MOUNTED FANS CRVB-N/CRVT-N Series - Vertical discharge



PERFORMANCE CURVES - CRVT 4 POLE

- 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)
- Dry air at 20°C and 760 mmHg.
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.



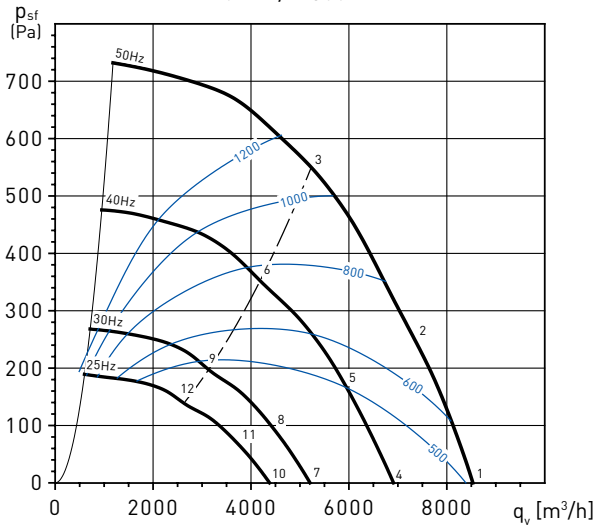
Working point		63	125	250	500	1.000	2.000	4.000	8.000	LwA
1	INLET	39	60	66	68	67	68	67	57	74
	OUTLET	45	66	69	73	74	73	70	61	79
2	INLET	36	55	61	62	65	67	63	56	71
	OUTLET	39	64	65	68	71	70	66	58	76
3	INLET	38	51	60	61	64	64	61	54	70
	OUTLET	39	60	63	67	72	69	65	58	76
4	INLET	35	56	62	64	63	64	63	53	70
	OUTLET	41	62	65	69	70	69	66	57	75
5	INLET	32	51	57	58	61	63	59	52	67
	OUTLET	35	60	61	64	67	66	62	54	72
6	INLET	34	47	56	57	60	60	57	50	65
	OUTLET	35	56	59	63	68	65	61	54	71
7	INLET	29	50	56	58	57	58	57	47	64
	OUTLET	35	56	59	63	64	63	60	51	69
8	INLET	26	45	51	52	55	57	53	46	61
	OUTLET	29	54	55	58	61	60	56	48	66
9	INLET	28	41	50	51	54	54	51	44	59
	OUTLET	29	50	53	57	62	59	55	48	65
10	INLET	25	46	52	54	53	54	53	43	60
	OUTLET	31	52	55	59	60	59	56	47	65
11	INLET	22	41	47	48	51	53	49	42	57
	OUTLET	25	50	51	54	57	56	52	44	62
12	INLET	24	37	46	47	50	50	47	40	56
	OUTLET	25	46	49	53	58	55	51	44	62

Working point		63	125	250	500	1.000	2.000	4.000	8.000	LwA
1	INLET	43	62	68	71	70	73	71	63	78
	OUTLET	52	69	71	75	79	78	75	67	84
2	INLET	39	61	66	67	67	71	66	59	75
	OUTLET	44	67	69	72	76	75	70	64	81
3	INLET	40	57	64	65	68	69	64	58	74
	OUTLET	45	63	66	69	76	75	70	64	80
4	INLET	39	58	64	67	66	69	67	59	74
	OUTLET	48	65	67	71	75	74	71	63	79
5	INLET	35	57	62	63	63	67	62	55	71
	OUTLET	40	63	65	68	72	71	66	60	76
6	INLET	36	53	60	61	64	65	60	54	69
	OUTLET	41	59	62	65	72	71	66	60	76
7	INLET	33	52	58	61	60	63	61	53	68
	OUTLET	42	59	61	65	69	68	65	57	73
8	INLET	29	51	56	57	57	61	56	49	65
	OUTLET	34	57	59	62	66	65	60	54	70
9	INLET	30	47	54	55	58	59	54	48	64
	OUTLET	35	53	56	59	66	65	60	54	70
10	INLET	29	48	54	57	56	59	57	49	64
	OUTLET	38	55	57	61	65	64	61	53	70
11	INLET	25	47	52	53	53	57	52	45	61
	OUTLET	30	53	55	58	62	61	56	50	67
12	INLET	26	43	50	51	54	55	50	44	60
	OUTLET	31	49	52	55	62	61	56	50	66

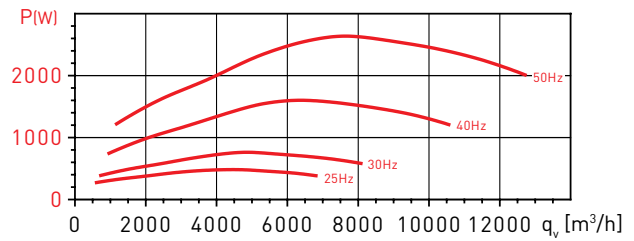
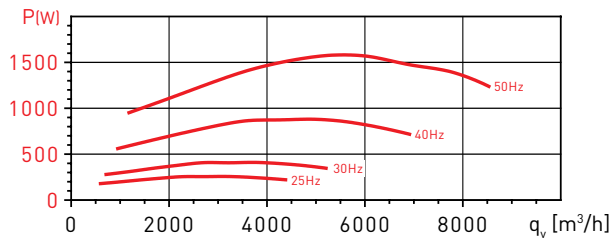
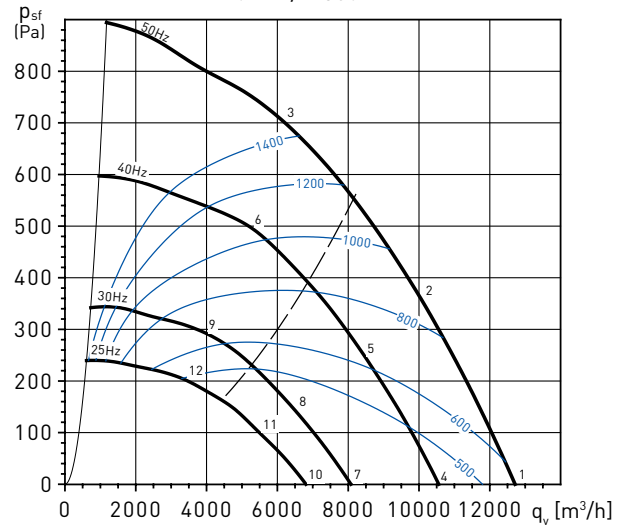
PERFORMANCE CURVES - CRVT 4 POLE

- 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)
- Dry air at 20°C and 760 mmHg.
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.

CRVT/4-500N



CRVT/4-560N



Working point		63	125	250	500	1.000	2.000	4.000	8.000	LwA
1	INLET	51	70	77	77	78	77	76	72	84
	OUTLET	57	72	78	82	84	82	79	75	89
2	INLET	50	67	73	73	75	75	73	68	81
	OUTLET	53	69	74	78	81	80	76	70	86
3	INLET	42	64	69	68	73	75	72	67	80
	OUTLET	45	63	69	74	78	80	76	70	84
4	INLET	46	65	72	72	73	72	71	67	80
	OUTLET	52	67	73	77	79	77	74	70	84
5	INLET	45	62	68	68	70	70	68	63	77
	OUTLET	48	64	69	73	76	75	71	65	81
6	INLET	37	59	64	63	68	70	67	62	75
	OUTLET	40	58	64	69	73	75	71	65	79
7	INLET	40	59	66	66	67	66	65	61	74
	OUTLET	46	61	67	71	73	71	68	64	78
8	INLET	39	56	62	62	64	64	62	57	70
	OUTLET	42	58	63	67	70	69	65	59	75
9	INLET	31	53	58	57	62	64	61	56	69
	OUTLET	34	52	58	63	67	69	65	59	73
10	INLET	36	55	62	62	63	62	61	57	70
	OUTLET	42	57	63	67	69	67	64	60	74
11	INLET	35	52	58	58	60	60	58	53	67
	OUTLET	38	54	59	63	66	65	61	55	71
12	INLET	27	49	54	53	58	60	57	52	65
	OUTLET	30	48	54	59	63	65	61	55	69

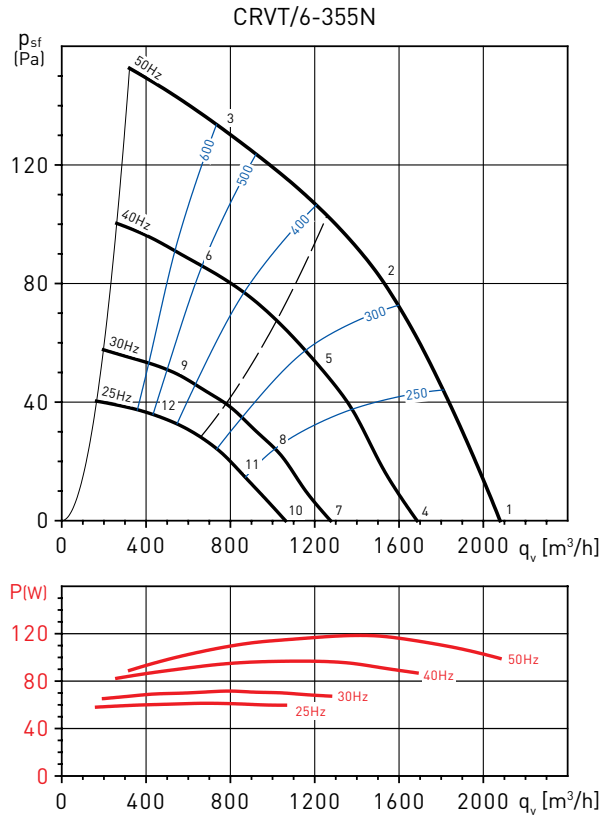
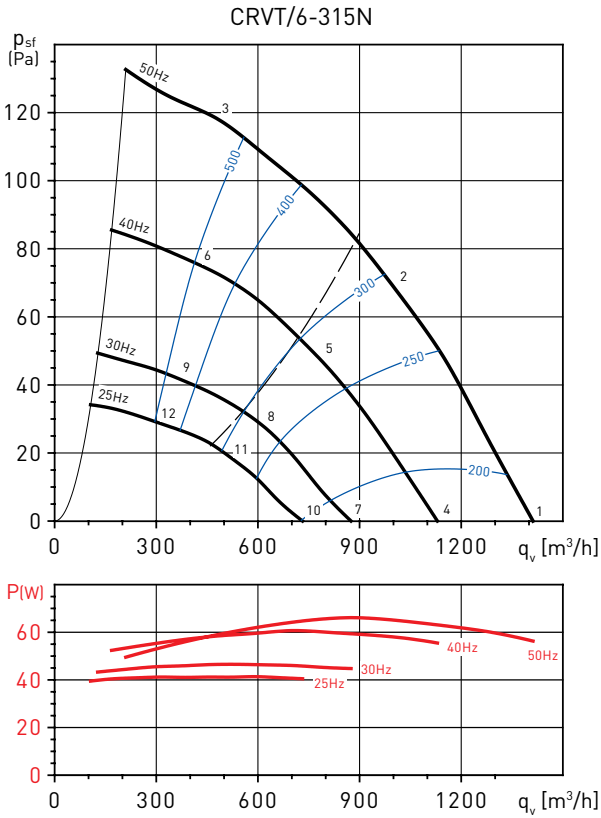
Working point		63	125	250	500	1.000	2.000	4.000	8.000	LwA
1	INLET	54	72	80	81	80	79	78	72	87
	OUTLET	63	78	88	86	88	83	81	76	93
2	INLET	51	71	76	76	76	75	71	67	83
	OUTLET	54	76	82	81	83	79	75	70	88
3	INLET	63	74	87	81	79	78	72	67	89
	OUTLET	64	74	83	82	85	82	77	72	90
4	INLET	50	68	76	77	76	75	74	68	83
	OUTLET	59	74	84	82	84	79	77	72	89
5	INLET	47	67	72	72	72	71	67	63	79
	OUTLET	50	72	78	77	79	75	71	66	84
6	INLET	59	70	83	77	75	74	68	63	85
	OUTLET	60	70	79	78	81	78	73	68	86
7	INLET	44	62	70	71	70	69	68	62	77
	OUTLET	53	68	78	76	78	73	71	66	83
8	INLET	41	61	66	66	66	65	61	57	73
	OUTLET	44	66	72	71	73	69	65	60	79
9	INLET	53	64	77	71	69	68	62	57	80
	OUTLET	54	64	73	72	75	72	67	62	80
10	INLET	40	58	66	67	66	65	64	58	73
	OUTLET	49	64	74	72	74	69	67	62	79
11	INLET	38	58	63	63	63	62	58	54	69
	OUTLET	41	63	69	68	70	66	62	57	75
12	INLET	50	61	74	68	66	65	59	54	76
	OUTLET	51	61	70	69	72	69	64	59	76

ROOF MOUNTED FANS CRVB-N/CRVT-N Series - Vertical discharge



PERFORMANCE CURVES - CRVT 6 POLE

- 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)
- Dry air at $20^\circ C$ and 760 mmHg .
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.



Working point		63	125	250	500	1.000	2.000	4.000	8.000	LwA
1	INLET	36	46	47	49	52	55	40	33	58
	OUTLET	37	47	51	54	57	58	43	35	62
2	INLET	37	46	45	46	48	43	36	33	53
	OUTLET	39	47	49	52	54	47	39	34	58
3	INLET	37	45	47	47	48	42	36	32	54
	OUTLET	38	47	49	53	56	48	39	33	59
4	INLET	31	41	42	44	47	50	35	28	53
	OUTLET	32	42	46	49	52	53	38	30	57
5	INLET	32	41	40	41	43	38	31	28	48
	OUTLET	34	42	44	47	49	42	34	29	53
6	INLET	33	41	43	43	44	38	32	28	49
	OUTLET	34	43	45	49	52	44	35	29	55
7	INLET	25	35	36	38	41	44	29	22	47
	OUTLET	26	36	40	43	46	47	32	24	51
8	INLET	27	36	35	36	38	33	26	23	43
	OUTLET	29	37	39	42	44	37	29	24	47
9	INLET	27	35	37	37	38	32	26	22	43
	OUTLET	28	37	39	43	46	38	29	23	49
10	INLET	21	31	32	34	37	40	25	18	44
	OUTLET	22	32	36	39	42	43	28	20	47
11	INLET	23	32	31	32	34	29	22	19	39
	OUTLET	25	33	35	38	40	33	25	20	44
12	INLET	23	31	33	33	34	28	22	18	39
	OUTLET	24	33	35	39	42	34	25	19	45

Working point		63	125	250	500	1.000	2.000	4.000	8.000	LwA
1	INLET	37	46	50	51	53	56	44	35	60
	OUTLET	41	50	56	67	63	61	48	38	70
2	INLET	36	47	48	49	51	51	43	36	56
	OUTLET	43	49	56	70	65	56	46	37	71
3	INLET	37	45	47	50	52	48	41	35	56
	OUTLET	39	48	54	68	68	59	53	44	71
4	INLET	33	42	46	47	49	52	40	31	55
	OUTLET	37	46	52	63	59	57	44	34	65
5	INLET	31	42	43	44	46	46	38	31	52
	OUTLET	38	44	51	65	60	51	41	32	67
6	INLET	32	40	42	45	47	43	36	30	52
	OUTLET	34	43	49	63	63	54	48	39	67
7	INLET	27	36	40	41	43	46	34	25	49
	OUTLET	31	40	46	57	53	51	38	28	59
8	INLET	25	36	37	38	40	40	32	25	46
	OUTLET	32	38	45	59	54	45	35	26	61
9	INLET	26	34	36	39	41	37	30	24	46
	OUTLET	28	37	43	57	57	48	42	33	61
10	INLET	23	32	36	37	39	42	30	21	46
	OUTLET	27	36	42	53	49	47	34	24	56
11	INLET	22	33	34	35	37	37	29	22	42
	OUTLET	29	35	42	56	51	42	32	23	57
12	INLET	23	31	33	36	38	34	27	21	42
	OUTLET	25	34	40	54	54	45	39	30	57

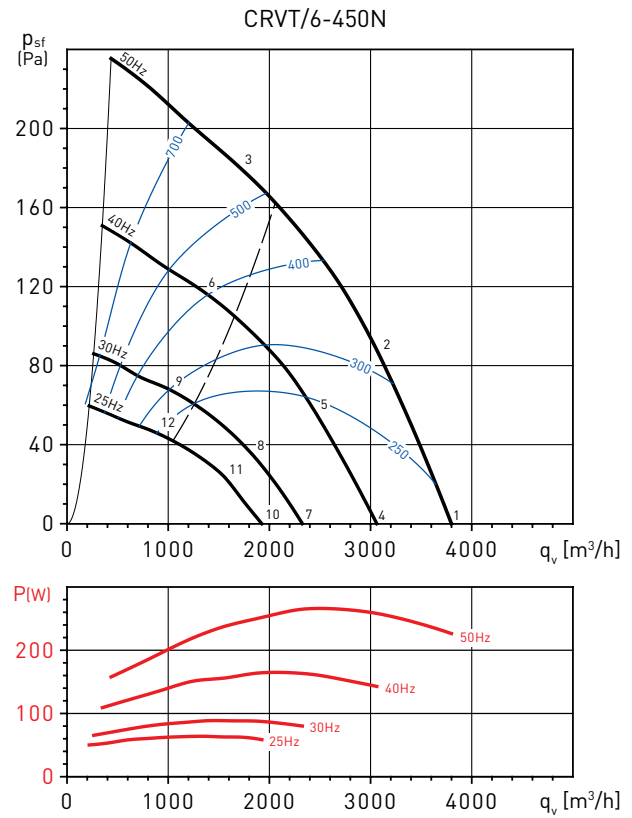
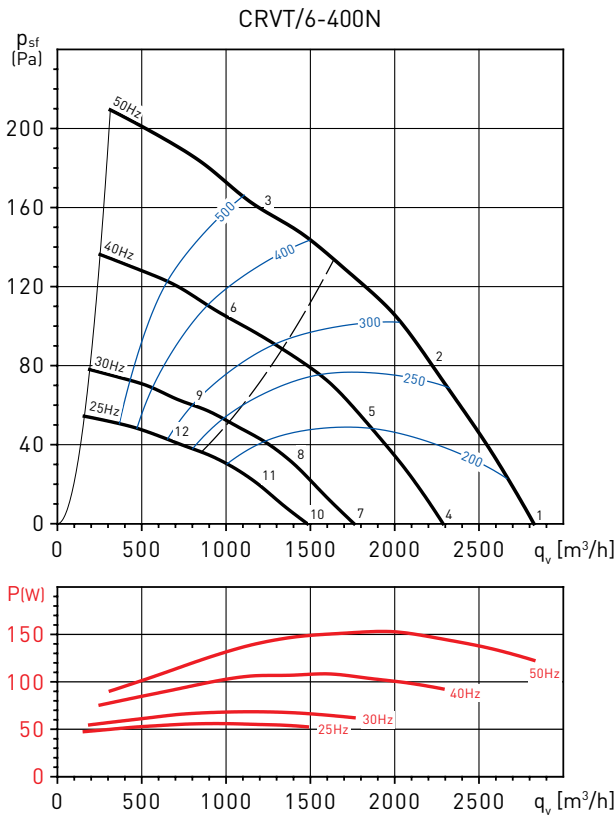
ROOF MOUNTED FANS

CRVB-N/CRVT-N Series - Vertical discharge



PERFORMANCE CURVES - CRVT 6 POLE

- 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)
- Dry air at $20^\circ C$ and 760 mmHg.
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.



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

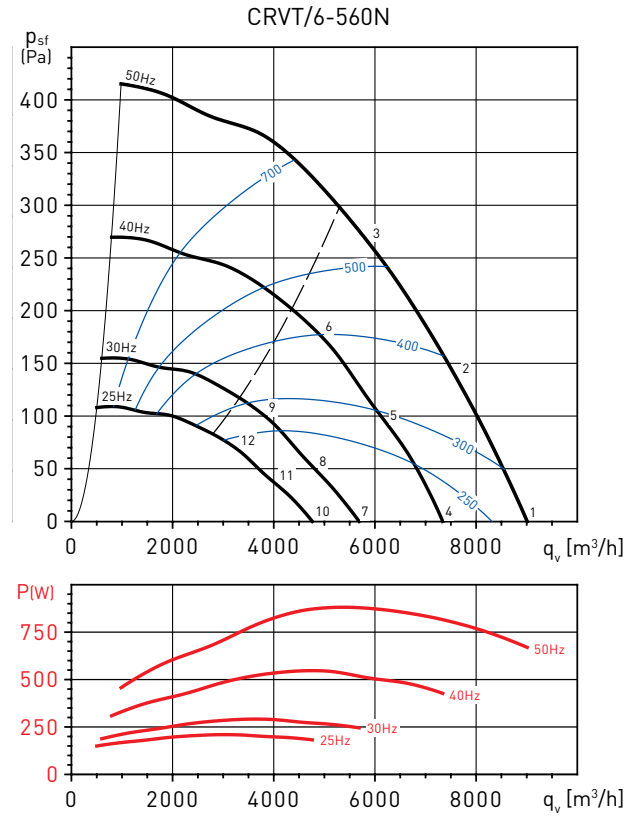
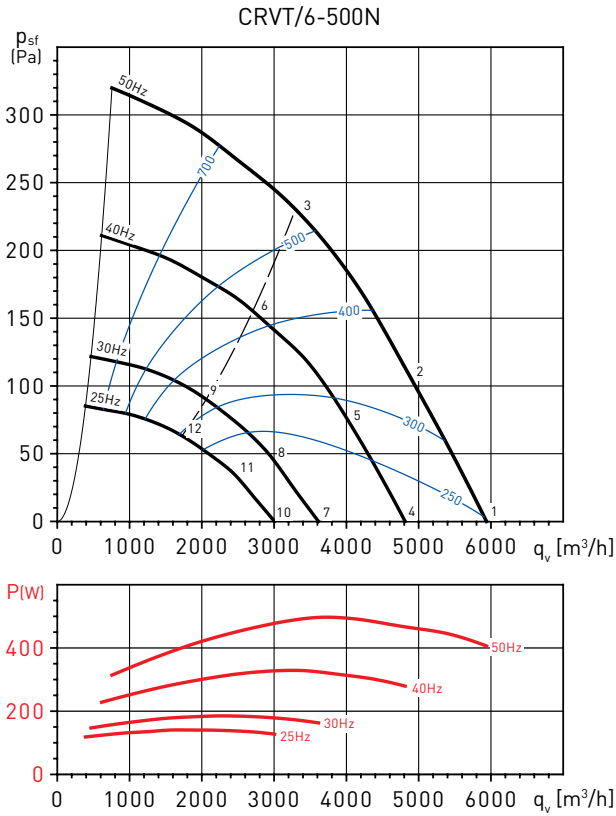
Working point		63	125	250	500	1.000	2.000	4.000	8.000	LwA
1	INLET	35	48	56	59	64	64	56	47	68
	OUTLET	39	54	60	64	70	67	60	52	73
2	INLET	31	47	54	57	63	59	52	42	66
	OUTLET	34	51	57	61	66	62	56	47	69
3	INLET	36	47	54	57	58	57	51	43	63
	OUTLET	42	50	57	60	67	63	57	49	70
4	INLET	30	43	51	54	59	59	51	42	64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

ROOF MOUNTED FANS CRVB-N/CRVT-N Series - Vertical discharge



PERFORMANCE CURVES - CRVT 6 POLE

- 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)
- Dry air at 20°C and 760 mmHg.
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.



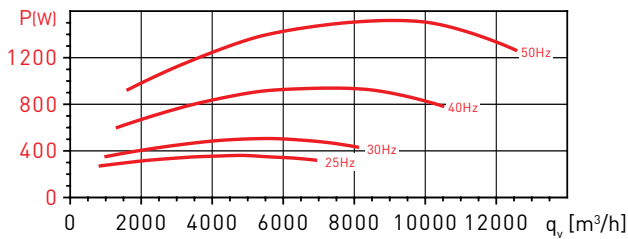
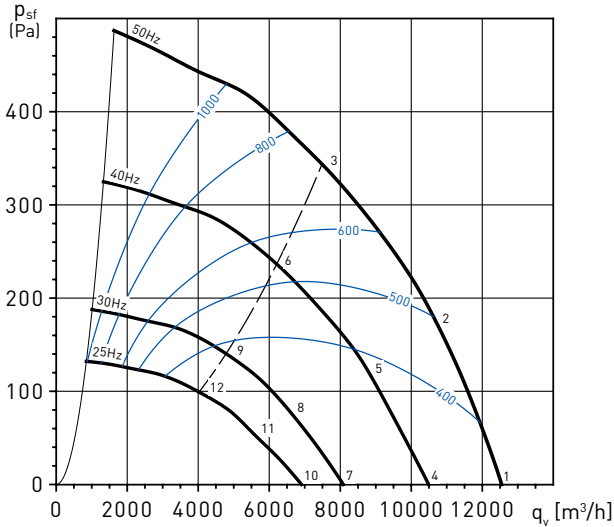
Working point		63	125	250	500	1.000	2.000	4.000	8.000	LwA
1	INLET	40	53	61	61	63	66	62	55	70
	OUTLET	43	61	64	68	70	69	65	57	75
2	INLET	35	48	57	57	61	62	60	52	67
	OUTLET	38	59	61	65	67	66	62	54	72
3	INLET	36	46	56	59	62	62	58	52	67
	OUTLET	35	54	58	65	68	67	61	54	72
4	INLET	36	49	57	57	59	62	58	51	66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

Working point		63	125	250	500	1.000	2.000	4.000	8.000	LwA
1	INLET	47	64	72	70	69	71	66	63	77
	OUTLET	53	70	74	74	76	73	69	65	81
2	INLET	45	64	69	67	66	67	62	55	74
	OUTLET	47	65	70	72	73	69	65	59	78
3	INLET	39	60	65	64	65	65	61	56	72
	OUTLET	42	60	66	69	71	68	65	59	76
4	INLET	43	60	68	66	65	67	62	59	73
	OUTLET	49	66	70	70	72	69	65	61	77
5	INLET	41	60	65	63	62	63	58	51	70
	OUTLET	43	61	66	68	69	65	61	55	73
6	INLET	35	56	61	60	61	61	57	52	67
	OUTLET	38	56	62	65	67	64	61	55	71
7	INLET	37	54	62	60	59	61	56	53	67
	OUTLET	43	60	64	64	66	63	59	55	71
8	INLET	35	54	59	57	56	57	52	45	64
	OUTLET	37	55	60	62	63	59	55	49	68
9	INLET	29	50	55	54	55	55	51	46	61
	OUTLET	32	50	56	59	61	58	55	49	65
10	INLET	33	50	58	56	55	57	52	49	63
	OUTLET	39	56	60	60	62	59	55	51	67
11	INLET	31	50	55	53	52	53	48	41	60
	OUTLET	33	51	56	58	59	55	51	45	64
12	INLET	25	46	51	50	51	51	47	42	58
	OUTLET	28	46	52	55	57	54	51	45	62

PERFORMANCE CURVES - CRVT 6 POLE

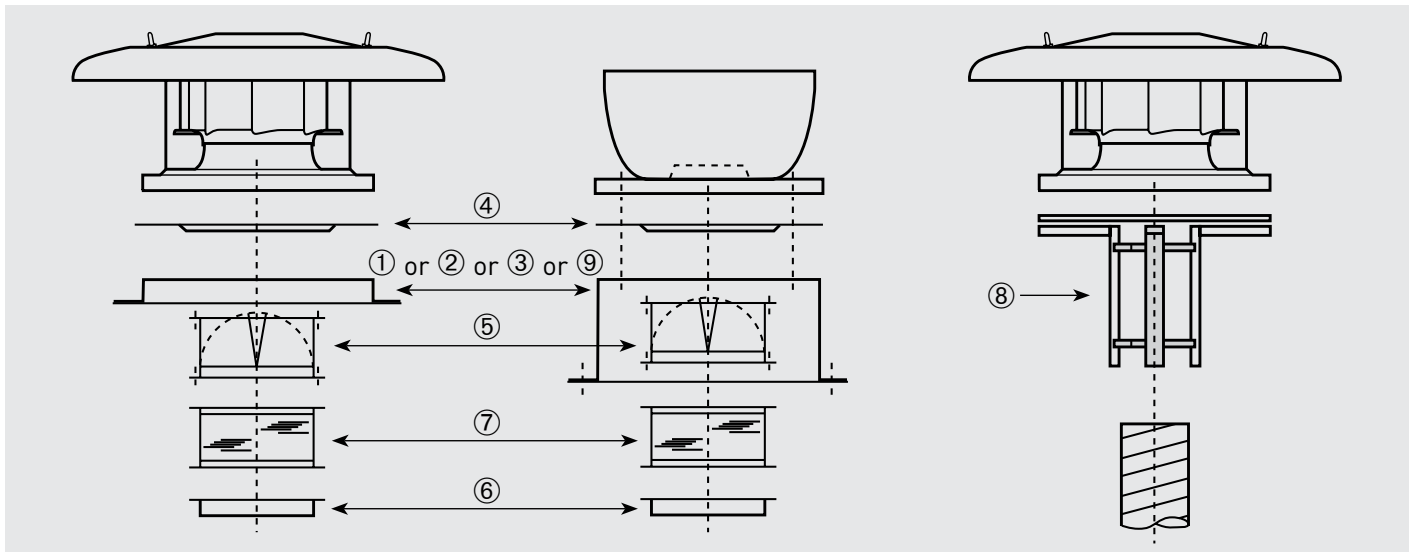
- q_v : Airflow in m^3/h
- p_{sf} : Static pressure in Pa.
- P: Input power in W
- SFP: Specific Fan Power in $W/m^3/s$ (blue curves)
- Dry air at 20°C and 760 mmHg.
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.

CRVT/6-630N



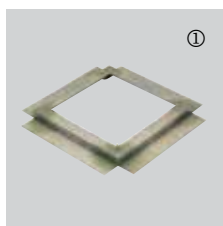
Working point		63	125	250	500	1.000	2.000	4.000	8.000	LwA
1	INLET	52	66	72	71	73	74	68	64	79
	OUTLET	58	71	76	78	78	78	72	67	84
2	INLET	47	63	69	68	70	69	65	60	76
	OUTLET	51	69	74	75	75	73	69	63	81
3	INLET	47	60	66	66	69	69	65	59	75
	OUTLET	50	66	72	73	75	74	69	64	80
4	INLET	48	62	68	67	69	70	64	60	75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

INSTALLATION CRHB/CRHT - MOUNTING ACCESSORIES

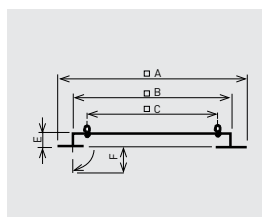


Fan model	① Sealing frame	② Flat roof insulated up stand	③ Acoustic up stand	④ Accessory adapter plate	⑤ Back draft shutter	⑥ Coupling flange	⑦ Flexible coupling	⑧ Circular duct adapter	⑨ Support base for inclined curb mounted installations
225N	JMS-300	JBS-300	JAA-300	JPA-300	JCA-300	JBR-300	JAE-300	JCC-300	BI-3
250N	JMS-300	JBS-300	JAA-300	JPA-300	JCA-300	JBR-300	JAE-300	JCC-300	BI-3
280N	JMS-435	JBS-435	JAA-435	JPA-435	JCA-435	JBR-435	JAE-435	JCC-435	BI-4
315N	JMS-560	JBS-560	JAA-560	JPA-560	JCA-560	JBR-560	JAE-560	JCC-560	BI-5
355N	JMS-560	JBS-560	JAA-560	JPA-560	JCA-560	JBR-560	JAE-560	JCC-560	BI-5
355N	JMS-560	JBS-560	JAA-560	JPA-560	JCA-560	JBR-560	JAE-560	JCC-560	BI-5
400N	JMS-630	JBS-630	JAA-630	JPA-630	JCA-630	JBR-630	JAE-630	JCC-630	BI-6
450N	JMS-630	JBS-630	JAA-630	JPA-630	JCA-630	JBR-630	JAE-630	JCC-630	BI-6
500N	JMS-710	JBS-710	JAA-710	JPA-710	JCA-710	JBR-710	JAE-710	-	BI-7
560N	JMS-905	JBS-905	JAA-905	JPA-905	JCA-905	JBR-905	JAE-905	-	BI-9
630N	JMS-905	JBS-905	JAA-905	JPA-905	JCA-905	JBR-905	JAE-905	-	BI-9

MOUNTING ACCESSORIES



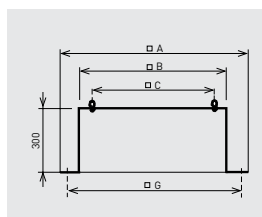
JMS Sealing frame
 - For mounting a roof fan on an up stand or base.
 - Supplied with screws and gasket for a complete weatherproof seal.



Model	□A	□B	□C	E	F
JMS-300	470	290	245	50	70
JMS-435	600	420	330	50	70
JMS-560	725	545	450	50	70
JMS-630	795	615	535	50	70
JMS-710	875	695	590	50	70
JMS-905	1065	885	750	60	70

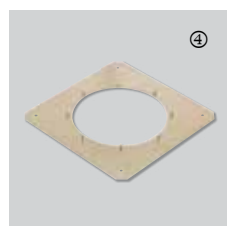


JBS Flat roof up stand
 - For mounting a fan on a flat roof without up stands.
 - For use on horizontal roofs.
 - Internal insulation to prevent condensation.
 - Supplied with screws and gasket for a complete weather seal.

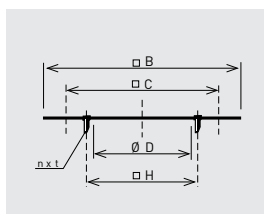


Model	□A	□B	□C	E	□G
JBS-300	470	289	245	300	380
JBS-435	600	419	330	300	510
JBS-560	725	544	450	300	635
JBS-630	795	614	535	300	705
JBS-710	875	694	590	300	785
JBS-905	1065	884	750	400	975

MOUNTING ACCESSORIES



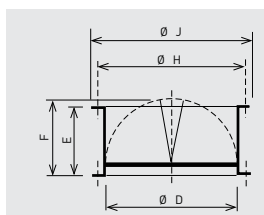
JPA
Accessory adapter plate
- Used when mounting the accessories (JCA, JBR, JAE).
- Allows the fan to be disconnected from the upstand without having to remove the duct.



Model	□B	□C	∅D	nxt	∅H
JPA-300	289	245	182	4xM6	205
JPA-435	419	330	252	4xM8	280
JPA-560	544	450	358	8xM8	395
JPA-630	614	535	403	8xM10	450
JPA-710	694	590	503	12xM10	560
JPA-905	884	750	633	12xM10	690



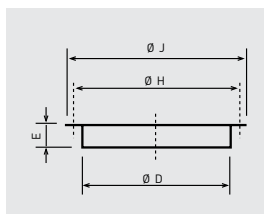
JCA / JCA N
Backdraft shutter
- Prevents backdraft when the fan is not operating.
- To be mounted at the fan inlet with the JPA plate.



Model	∅D	E	F	∅H	∅J
JCA-300	182	100	124	205	219
JCA-435	252	145	174	280	300
JCA-560 N	358	210	227	395	415
JCA-630 N	403	240	250	450	474
JCA-710 N	503	285	300	560	581
JCA-905 N	633	345	365	690	714



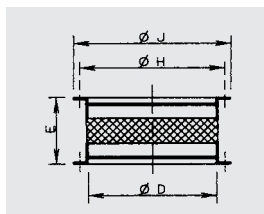
JBR N
Flange
- For use when circular connection is required directly to the fan.
- To be mounted at the fan inlet with the JPA plate or fixed directly to the fan base (rivets or screws not supplied).



Model	∅D	E	∅H	∅J
JBR-300 N	182	55	205	219
JBR-435 N	252	55	280	300
JBR-560 N	358	55	395	415
JBR-630 N	403	63	450	474
JBR-710 N	503	69	560	581
JBR-905 N	633	69	690	714



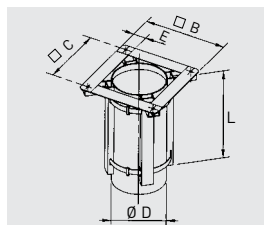
JAE N
Flexible coupling
- Reduces the transmission of vibrations when the duct is connected directly to the fan.
- To be mounted at the fan inlet with JPA plate.



Model	∅D	E	∅H	∅J
JAE-300 N	182	164	205	219
JAE-435 N	252	164	280	300
JAE-560 N	358	164	395	415
JAE-630 N	403	164	450	474
JAE-710 N	503	164	560	581
JAE-905 N	633	164	690	714



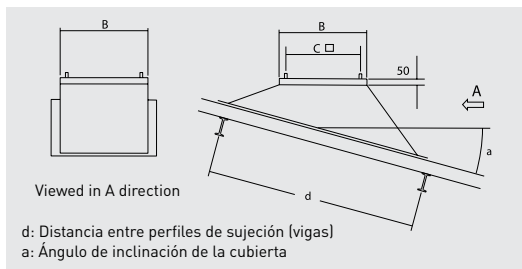
JCC
Adapter for circular duct
- For use when fitting the models up to 400, directly to a spirally wound circular duct.



Model	∅B	∅C	∅D	E	L
JCC-300	290	245	180	45	350
JCC-435	390	330	250	60	350
JCC-560	520	450	355	70	350
JCC-630	605	535	400	70	350



BI
Support base for inclined curb mounted installations
- To ensure a proper installation of the CRHB-CRHT roof fan it is essential to specify the roof pitch angle and the distance between the roof beam profiles.



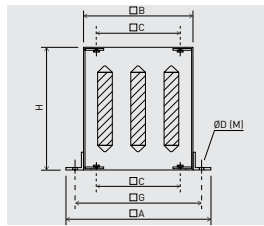
	B	C
BI-3	289	245
BI-4	419	330
BI-5	544	450
BI-6	614	535
BI-7	694	590
BI-9	884	750



MOUNTING ACCESSORIES



JAA
Acoustic up stand
 - Reduces in duct and radiated noise.
 - For use when mounting a fan on a flat roof without up stands.
 - Supplied with screws and gasket for a complete weather seal.

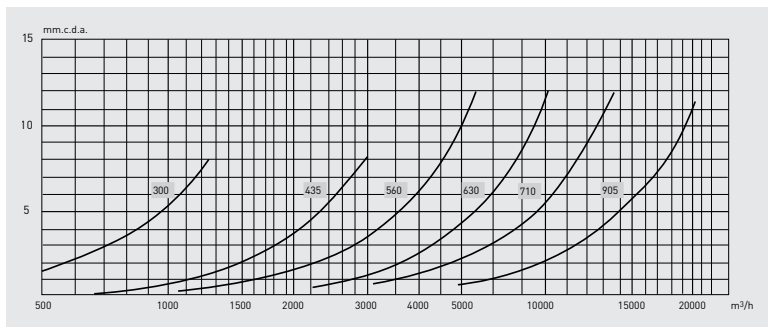


Model	□A	□B	□C	Ø D (M)	H	□G
JAA-300	470	290	245	13 (M10)	750	380
JAA-435	600	419	330	15 (M12)	750	510
JAA-560	725	545	450	15 (M12)	750	635
JAA-630	795	615	535	15 (M12)	750	705
JAA-710	875	695	590	18 (M14)	1000	785
JAA-905	1065	885	750	18 (M14)	1000	975

Acoustic attenuation in dB(A) at the corresponding frequency band in Hz.

Model	125	250	500	1000	2000	4000	8000
JAA-300	1	5	13	22	23	16	12
JAA-435	1	7	16	23	25	18	13
JAA-560	2	8	16	29	32	26	17
JAA-630	2	8	14	24	27	19	13
JAA-710	2	8	14	24	28	16	11
JAA-905	2	7	14	26	30	19	12

JAA Attenuator pressure drops.



ELECTRICAL ACCESSORIES



REB
 Single phase electronic speed controllers.



REB-5 / REB-10
 Electronic single phase speed controller.



RMB / RMT
 Fan speed controllers by auto-transformer.



VAPZ
 Electronic single-phase regulator that controls the fan speed with a simple contact (presence detector) or an analogical input, 0-10 V or 4-20 mA (CO₂ probe for relative humidity % RH). The fan works proportionally to the input value with adjustments of the minimum and the maximum values of the inputs and outputs.



VRPU
 Electronic control with display for single phase 230V-50/60Hz fans. Analogical input 0-10V or 4-20mA: The fan works proportionally to an input analogue signal (3-10V or 4-20mA) or, is regulated to maintain an external setpoint (0-10V or 4-20 mA).



VFTM IP21
 Adjustable frequency drives for three phase motors from 0,37 to 15 kW. DIN rail mounting



VFKB IP65
 Adjustable frequency drive for three phase motors from 0,37 to 4 kW.



VFTM IP54
 Adjustable frequency drives for three phase motors from 0,37 to 15 kW.