ROOF MOUNTED FANS

CRHB / CRHT Series

Horizontal discharge

NEW

Range of centrifugal roof mounted fans in horizontal discharge format:

- Very low profile design.
- Bases manufactured from galvanised sheet steel.
- Centrifugal backward curved impeller.
- External rotor motor
- Cowl manufactured from spun aluminium.

Available, depending upon the model, with single or three phase motors in 2, 4, 6, or 8 poles.

Motors

All motors are IP54, Class F insulation with safety thermal overload protection.

Electrical supply:

Single phase 230V-50Hz (CRHB).

Three phase 400V-50Hz (CRHT).

Speed controllable by Voltage.

Additional information

ON-OFF electrical isolation switch fitted.

On request

Models from 355 to 630 can be fitted with 2-speed motors.

A P P L I C A T I O N S

Low profile

External rotor motor to limit the height of the fan

Bird proof guard

Steel finger proof guard

Isolation switch

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

ROOF MOUNTED FANS

CRVB / CRVT Series

Vertical discharge

NEW

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Range of centrifugal roof mounted fans in vertical discharge format:
- Very low profile design.
- Bases manufactured from galvanised sheet steel.
- Centrifugal backward curved impeller.
- External rotor motor
- Cowl manufactured from spun aluminium.

Available, depending upon the model, with single or three phase motors in 2, 4, 6, or 8 poles.

Motors

All motors are IP54, Class F insulation with safety thermal overload protection.
Electrical supply:
Single phase 230V-50Hz (CRHB)
Three phase 400V-50Hz (CRHT).
Speed controllable by Voltage

Additional information

ON-OFF electrical isolation switch fitted

On request

Models from 355 to 630 can be fitted with 2-speed motors.

A P P L I C A T I O N S

Backward curved centrifugal impellers

To prevent accumulation of dirt

Bird proof guard

Steel finger proof guard

Isolation switch

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

Technical characteristics CRHB/CRHT

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	Supply / Voltage (V-Hz)	Speed (r.p.m.)	Ø (mm)	Maximum power absorbed (W)	Maximum current absorbed (A) at 50Hz		Maximum air volume (m^3/h)	Sound pressure level at 1'5 m (dB(A))		Maximum temperature (ºC)	Weight (Kg)
					at 230 V	at 400 V		Inlet	Outlet		
SINGLE PHASE											
CRHB/2-225	230-50/60	2450	225	140	0,63		1100	58	64	50	7
CRHB/2-250	230-50/60	2425	250	160	0,63		1150	58	64	70	7,5
CRHB/4-225	230-50/60	1450	225	50	0,30		670	48	54	60	7
CRHB/4-250	230-50/60	1450	250	52	0,26		795	51	54	70	7,5
CRHB/4-280	230-50/60	1410	280	100	0,40		1300	47	53	50	8
CRHB/4-315	230-50	1430	315	135	0,60		1844	58	61	70	17
CRHB/4-355	230-50	1375	355	230	0,85		3000	63	64	70	21
CRHB/4-400	230-50/60	1400	400	460	2,07		4205	64	67	60	22
CRHB/4-500	230-50	1380	500	1198	5,20		8300	71	76	70	44
CRHB/6-315	230-50	980	315	69	0,40		1200	48	52	70	17
CRHB/6-355	230-50	955	355	87	0,44		1960	58	58	70	21
CRHB/6-400	230-50/60	935	400	153	0,70		2637	58	58	60	22
CRHB/6-500	230-50	890	500	345	1,50		4958	58	63	70	27
CRHB/6-560	230-50	895	560	640	2,75		7170	59	64	70	30
CRHB/6-630	230-50	905	630	1090	4,90		9800	59	64	50	50
CRHB/8-500	230-50	690	500	270	1,30		4000	51	56	60	27
CRHB/8-560	230-50	650	560	360	1,64		5250	51	55	60	30
CRHB/8-630	230-50	670	630	465	2,16		7190	53	58	70	**50**
THREE-PHASE											
CRHT/4-315	400-50/60	1470	315	170		1,00	1830	58	62	70	17
CRHT/4-355	400-50/60	1450	355	280		1,00	3142	64	68	60	21
CRHT/4-400	400-50/60	1395	400	430		1,04	4200	63	66	60	22
CRHT/4-500	400-50/60	1360	500	1200		2,20	8160	69	74	70	44
CRHT/4-560	400-50	1290	560	1810		3,15	10800	70	76	40	47
CRHT/6-315	400-50/60	970	315	85		0,44	1250	48	52	70	17
CRHT/6-355	400-50/60	975	355	117		0,40	2068	58	58	70	21
CRHT/6-400	400-50/60	925	400	162		0,49	2776	59	58	60	22
CRHT/6-500	400-50/60	890	500	395		0,82	5294	59	64	70	27
CRHT/6-560	400-50/60	880	560	595		1,25	7345	59	64	50	30
CRHT/6-630	400-50/60	905	630	1055		2,12	10330	60	65	50	50
CRHT/8-500	400-50/60	685	500	190		0,70	4110	49	53	60	27
CRHT/8-560	400-50/60	630	560	265		0,76	5270	51	54	60	30
CRHT/8-630	400-50/60	625	630	392		0,80	7110	53	57	70	50

Technical characteristics CRVB/CRVT

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	Supply / Voltage (V-Hz)	Speed (r.p.m.)	Ø (mm)	Maximum power absorbed (W)	Maximum current absorbed (A) at 50Hz		Maximum air volume (m^3/h)	Sound pressure level at 1'5 m (dB(A))		Maximum temperature (ºC)	Weight (Kg)
					at 230 V	at 400 V		Inlet	Outlet		
SINGLE PHASE											
CRVB/2-225	230-50/60	2400	225	140	0,63		1026	57	62	50	7,5
CRVB/2-250	230-50/60	2350	250	176	0,76		1183	57	62	70	8
CRVB/4-225	230-50/60	1425	225	50	0,26		619	47	52	60	7,5
CRVB/4-250	230-50/60	1415	250	52	0,26		722	50	52	70	8
CRVB/4-280	230-50/60	1360	280	102	0,48		1169	46	51	50	12
CRVB/4-315	230-50	1425	315	135	0,60		1775	57	59	70	19
CRVB/4-355	230-50	1360	355	232	1,01		2808	62	64	70	24
CRVB/4-400	230-50/60	1400	400	462	2,07		3960	63	65	60	25
CRVB/4-500	230-50	1370	500	1370	5,20		7853	70	74	70	45
CRVB/6-315	230-50	980	315	69	0,35		1216	47	50	70	19
CRVB/6-355	230-50	950	355	87	0,44		1960	57	56	70	24
CRVB/6-400	230-50/60	930	400	153	0,70		2636	57	56	60	25
CRVB/6-500	230-50	865	500	865	1,50		4958	57	61	70	28
CRVB/6-560	230-50	875	560	885	2,75		7170	58	62	70	32
CRVB/6-630	230-50	900	630	900	4,90		9790	58	62	50	53
CRVB/8-500	230-50	695	500	695	1,27		3994	50	54	60	28
CRVB/8-560	230-50	625	560	650	1,65		5250	50	53	60	32
CRVB/8-630	230-50	620	630	655	2,16		7190	52	56	70	53
THREE-PHASE											
CRVT/4-315	400-50/60	1475	315	165		0,90	316	57	60	70	19
CRVT/4-355	400-50/60	1450	355	285		0,94	3015	63	66	60	24
CRVT/4-400	400-50/60	1395	400	430		1,04	3950	62	64	60	25
CRVT/4-500	400-50/60	1350	500	1198		2,16	7740	68	72	70	45
CRVT/4-560	400-50	1290	560	1810		3,15	10110	69	74	40	49
CRVT/6-315	400-50/60	970	315	82		0,44	1204	47	50	70	19
CRVT/6-355	400-50/60	950	355	117		0,46	1967	57	56	70	24
CRVT/6-400	400-50/60	925	400	162		0,49	2610	58	56	60	25
CRVT/6-500	400-50/60	875	500	395		0,82	5018	58	62	70	28
CRVT/6-560	400-50/60	875	560	595		1,23	6870	58	62	50	32
CRVT/6-630	400-50/60	895	630	1055		2,12	9790	59	63	50	53
CRVT/8-500	400-50/60	680	500	270		0,70	3890	48	51	60	28
CRVT/8-560	400-50/60	625	560	266		0,76	4930	50	53	60	32
CRVT/8-630	400-50/60	620	630	392		0,81	6680	52	55	70	53

Acoustic characteristics CRHB/CRHT

Sound power spectrum in dB(A), at the fan inlet and outlet, at 3 working points of the performance curve (A: maximum volume)

Model CRHB/2-225		63	125	250	500	1000	2000	4000	8000
Inlet	A	42	58	65	72	72	71	71	66
	B	39	53	60	66	66	65	66	59
	C	39	53	59	68	67	65	61	56
Outlet	A	45	60	67	74	77	78	78	69
	B	42	55	63	69	72	73	73	62
	C	40	54	62	68	71	72	72	62

Model CRHB/4-225		63	125	250	500	1000	2000	4000	8000
Inlet	A	39	48	57	60	60	60	60	51
	B	35	44	53	56	56	57	56	46
	C	34	42	51	56	55	52	49	43
Outlet	A	38	48	56	62	65	66	61	50
	B	37	46	55	60	63	64	59	48
	C	34	43	52	57	60	61	56	45

Model CRHB/2-250		63	125	250	500	1000	2000	4000	8000
Inlet	A	43	59	65	72	73	71	71	67
	B	40	53	61	66	66	65	67	60
	C	40	54	60	69	68	66	62	57
Outlet	A	45	61	68	74	77	78	78	70
	B	42	55	64	69	72	73	73	63
	C	41	55	63	69	72	73	73	63

Model CRHB/4-250		63	125	250	500	1000	2000	4000	8000
Inlet	A	39	48	57	60	60	60	60	51
	B	38	47	56	59	59	60	59	49
	C	39	47	57	61	60	58	54	49
Outlet	A	38	48	56	62	65	66	61	50
	B	36	46	55	60	63	64	59	48
	C	33	43	52	57	60	61	56	44

Model CRHB/4-280		63	125	250	500	1000	2000	4000	8000
Inlet	A	38	47	56	59	59	60	59	49
	B	34	43	52	55	55	56	55	45
	C	32	40	50	54	53	51	47	42
Outlet	A	37	47	55	61	64	65	60	48
	B	36	46	54	59	62	63	58	46
	C	32	42	50	56	59	60	54	42

Model CRHB/4-315		63	125	250	500	1000	2000	4000	8000
Inlet	A	41	59	67	67	67	64	60	50
	B	41	58	66	66	66	64	59	49
	C	39	56	64	64	64	62	57	47
Outlet	A	44	60	69	71	73	72	65	55
	B	42	59	67	69	71	70	63	53
	C	42	57	65	67	69	68	61	51

Model CRHT/4-315		63	125	250	500	1000	2000	4000	8000
Inlet	A	41	59	68	68	67	65	61	51
	B	41	58	67	67	67	64	60	50
	C	39	56	65	65	65	62	58	48
Outlet	A	44	61	70	72	74	73	65	56
	B	43	59	68	70	72	71	64	54
	C	40	57	66	68	70	69	62	52

Model CRHB/6-315		63	125	250	500	1000	2000	4000	8000
Inlet	A	38	53	57	58	58	55	48	38
	B	38	53	56	57	57	55	48	38
	C	36	50	54	56	55	53	46	36
Outlet	A	40	54	58	62	65	60	52	43
	B	38	52	56	61	63	58	51	41
	C	37	51	55	59	61	57	49	40

Model CRHT/6-315		63	125	250	500	1000	2000	4000	8000
Inlet	A	38	53	56	58	57	55	48	38
	B	38	53	56	57	57	55	48	38
	C	36	50	54	55	55	53	46	35
Outlet	A	40	54	58	62	64	60	52	43
	B	38	52	56	61	63	58	51	41
	C	37	51	55	59	61	57	49	40

Model CRHB/4-355		63	125	250	500	1000	2000	4000	8000
Inlet	A	47	62	67	71	71	73	76	67
	B	45	59	64	68	69	71	74	64
	C	45	59	64	68	69	71	74	64
Outlet	A	52	68	74	78	79	79	77	67
	B	48	64	69	73	75	74	73	62
	C	47	62	66	69	72	73	73	61

Model CRHT/4-355		63	125	250	500	1000	2000	4000	8000
Inlet	A	47	63	68	71	72	74	77	69
	B	45	61	66	69	70	72	75	67
	C	45	61	66	69	70	72	75	67
Outlet	A	53	70	75	79	80	80	78	69
	B	49	66	71	75	77	76	75	65
	C	48	64	68	71	74	75	75	64

Model CRHB/6-355		63	125	250	500	1000	2000	4000	8000
Inlet	A	43	55	60	64	65	69	70	52
	B	43	54	59	62	64	68	69	51
	C	42	53	58	62	64	68	68	50
Outlet	A	47	59	65	69	70	69	65	54
	B	44	56	62	66	67	67	62	51
	C	45	55	58	63	66	67	62	49

Model CRHT/6-355		63	125	250	500	1000	2000	4000	8000
Inlet	A	43	55	60	63	65	69	70	52
	B	43	54	59	62	64	68	69	51
	C	42	53	58	62	64	68	68	50
Outlet	A	47	59	64	68	70	69	64	53
	B	44	56	61	66	67	66	61	50
	C	45	55	58	63	66	67	62	49

Model CRHB/4-400		63	125	250	500	1000	2000	4000	8000
Inlet	A	47	63	67	71	72	74	77	68
	B	45	60	65	69	70	72	75	66
	C	45	60	65	69	70	72	75	66
Outlet	A	53	69	75	79	80	80	78	68
	B	49	65	71	75	76	76	74	64
	C	48	64	67	70	73	74	74	63

Model CRHT/4-400		63	125	250	500	1000	2000	4000	8000
Inlet	A	46	61	66	70	71	73	76	65
	B	45	59	64	68	69	71	74	64
	C	45	59	64	68	69	71	74	63
Outlet	A	52	67	73	77	78	78	76	66
	B	48	64	69	73	75	74	73	62
	C	47	62	66	69	72	73	73	61

Model CRHB/6-400		63	125	250	500	1000	2000	4000	8000
Inlet	A	43	55	60	64	65	69	71	53
	B	43	54	59	62	64	68	69	51
	C	42	54	59	62	64	68	69	51
Outlet	A	47	59	65	69	70	70	65	54
	B	44	56	62	66	67	67	62	51
	C	45	55	59	64	67	68	63	50

Model CRHT/6-400		63	125	250	500	1000	2000	4000	8000
Inlet	A	43	55	60	64	65	69	71	53
	B	42	54	59	63	64	68	70	52
	C	42	54	59	62	64	68	69	51
Outlet	A	47	60	65	69	71	70	66	55
	B	44	57	62	66	68	67	63	52
	C	45	55	59	64	67	68	63	50

Model CRHB/4-500		63	125	250	500	1000	2000	4000	8000
Inlet	A	57	76	80	83	84	82	83	81
	B	57	73	77	79	79	77	75	71
	C	56	70	74	76	76	74	71	66
Outlet	A	61	80	86	88	88	87	88	86
	B	60	77	81	84	85	83	81	77
	C	57	74	78	81	82	80	78	74

Model CRHT/4-500		63	125	250	500	1000	2000	4000	8000
Inlet	A	56	75	79	82	82	81	82	78
	B	55	71	75	77	77	75	74	68
	C	55	69	72	75	74	72	69	64
Outlet	A	60	80	84	86	85	86	86	84
	B	58	75	79	82	83	81	79	75
	C	56	72	76	80	80	79	76	72

Model CRHB/6-500		63	125	250	500	1000	2000	4000	8000
Inlet	A	55	65	69	72	72	72	75	63
	B	52	60	64	66	66	64	66	49
	C	50	58	62	64	64	62	58	53
Outlet	A	56	69	73	75	76	77	77	66
	B	55	64	68	71	72	71	68	58
	C	53	62	66	69	70	68	66	56

Model CRHT/6-500		63	125	250	500	1000	2000	4000	8000
Inlet	A	55	65	69	72	72	72	75	63
	B	53	61	65	67	67	65	67	50
	C	50	59	62	65	64	62	59	54
Outlet	A	56	69	73	75	75	77	77	66
	B	55	64	69	72	73	71	69	59
	C	53	62	67	70	70	69	67	57

Model CRHB/8-500		63	125	250	500	1000	2000	4000	8000
Inlet	A	50	58	62	65	66	67	66	53
	B	47	54	57	60	59	59	56	37
	C	44	51	54	57	56	54	51	46
Outlet	A	53	61	64	67	68	70	70	52
	B	49	56	61	64	64	63	61	47
	C	47	54	59	62	63	61	59	45

Model CRHT/8-500		63	125	250	500	1000	2000	4000	8000
Inlet	A	49	57	61	64	64	67	64	51
	B	44	51	55	57	57	58	52	33
	C	42	49	52	55	55	52	49	44
Outlet	A	53	59	63	65	67	69	68	49
	B	46	54	59	62	62	61	57	43
	C	45	53	57	60	61	60	56	42

Model CRHT/4-560		63	125	250	500	1000	2000	4000	8000
Inlet	A	57	76	80	83	83	82	82	80
	B	56	73	76	79	78	76	75	70
	C	56	70	74	76	76	74	71	65
Outlet	A	61	80	85	88	87	87	87	86
	B	59	76	81	84	84	83	81	76
	C	57	73	78	81	82	80	78	73

Model CRHB/6-560		63	125	250	500	1000	2000	4000	8000
Inlet	A	55	65	70	73	73	72	75	64
	B	53	62	65	68	67	65	67	51
	C	50	59	63	65	65	63	60	54
Outlet	A	57	70	74	76	76	77	78	67
	B	55	65	69	73	73	72	69	60
	C	53	63	67	70	71	69	67	57

Model CRHT/6-560		63	125	250	500	1000	2000	4000	8000
Inlet	A	55	65	69	72	73	72	75	64
	B	53	61	65	67	67	65	67	50
	C	50	59	62	65	64	62	59	54
Outlet	A	56	70	73	75	76	77	77	67
	B	55	64	69	72	73	71	69	59
	C	53	62	67	70	70	69	67	57

Model CRHB/8-560		63	125	250	500	1000	2000	4000	8000
Inlet	A	51	59	63	66	66	68	67	54
	B	46	53	57	59	59	59	55	36
	C	44	51	54	57	56	54	51	46
Outlet	A	53	61	65	67	69	70	71	53
	B	48	56	60	64	64	63	60	46
	C	47	54	59	62	63	61	59	45

Model CRHT/8-560		63	125	250	500	1000	2000	4000	8000
Inlet	A	49	57	61	64	64	67	64	51
	B	44	51	55	57	57	58	52	33
	C	42	49	52	55	55	52	49	44
Outlet	A	53	59	63	65	67	69	68	49
	B	46	54	59	62	62	61	57	43
	C	45	53	57	60	61	60	56	42

Model CRHB/6-630		63	125	250	500	1000	2000	4000	8000
Inlet	A	55	66	70	73	73	72	76	64
	B	53	62	65	68	67	65	67	51
	C	50	59	63	65	65	63	60	55
Outlet	A	57	70	74	76	76	78	78	68
	B	55	65	69	73	73	72	69	60
	C	53	63	67	71	71	70	67	58

Model CRHT/6-630		63	125	250	500	1000	2000	4000	8000
Inlet	A	55	66	70	73	73	72	76	64
	B	53	62	66	68	68	66	68	52
	C	50	59	63	65	65	63	60	55
Outlet	A	57	70	74	76	76	78	78	68
	B	55	65	70	73	73	72	70	60
	C	53	63	67	71	71	70	67	58

Model CRHB/8-630		63	125	250	500	1000	2000	4000	8000
Inlet	A	52	60	64	67	67	69	69	55
	B	49	56	59	62	61	60	59	40
	C	46	53	57	59	59	57	54	49
Outlet	A	54	63	66	69	70	72	72	55
	B	51	58	63	66	67	65	63	50
	C	49	57	61	65	65	64	61	49

Model CRHT/8-630		63	125	250	500	1000	2000	4000	8000
Inlet	A	52	59	63	66	67	68	68	55
	B	48	55	59	61	61	60	58	39
	C	46	52	56	59	58	56	53	48
Outlet	A	54	62	66	68	70	71	71	55
	B	50	58	62	65	66	65	62	49
	C	49	56	61	64	64	63	61	48

Acoustic characteristics CRVB/CRVT

Sound power spectrum in dB(A), at the fan inlet and outlet, at 3 working points of the performance curve (A: maximum volume)

Model CRVB/2-225		63	125	250	500	1000	2000	4000	8000
Inlet	A	41	57	64	71	71	70	70	65
	B	38	52	59	65	65	64	65	58
	C	39	53	59	68	67	65	61	56
Outlet	A	43	58	65	72	75	76	76	67
	B	40	53	61	67	70	71	71	60
	C	39	53	61	67	70	71	71	61

Model CRVB/4-225		63	125	250	500	1000	2000	4000	8000
Inlet	A	38	47	56	59	59	59	59	50
	B	34	43	52	55	55	56	55	45
	C	34	42	51	56	55	52	49	43
Outlet	A	36	46	54	60	63	64	59	48
	B	35	44	53	58	61	62	57	46
	C	33	42	51	56	59	60	55	44

Model CRVB/2-250		63	125	250	500	1000	2000	4000	8000
Inlet	A	42	58	64	71	72	70	70	66
	B	39	52	60	65	65	64	66	59
	C	40	54	60	69	68	66	62	57
Outlet	A	43	59	66	72	75	76	76	68
	B	40	53	62	67	70	71	71	61
	C	40	54	62	68	71	72	72	62

Model CRVB/4-250		63	125	250	500	1000	2000	4000	8000
Inlet	A	38	47	56	59	59	59	59	50
	B	37	46	55	58	58	59	58	48
	C	39	47	57	61	60	58	54	49
Outlet	A	36	46	54	60	63	64	59	48
	B	34	44	53	58	61	62	57	46
	C	31	42	51	56	59	60	55	43

Model CRVB/4-280		63	125	250	500	1000	2000	4000	8000
Inlet	A	37	46	55	58	58	59	58	48
	B	33	42	51	54	54	55	54	44
	C	32	40	50	54	53	51	47	42
Outlet	A	35	45	53	59	62	63	58	46
	B	34	44	52	57	60	61	56	46
	C	31	41	49	55	58	59	53	41

Model CRVB/4-315		63	125	250	500	1000	2000	4000	8000
Inlet	A	40	58	66	66	66	63	59	49
	B	40	57	65	65	65	63	58	48
	C	39	56	64	64	64	62	57	47
Outlet	A	42	58	67	69	71	70	63	52
	B	40	57	65	67	69	68	61	51
	C	39	56	64	66	68	67	60	50

Model CRVT/4-315		63	125	250	500	1000	2000	4000	8000
Inlet	A	40	58	67	67	66	64	60	50
	B	40	57	66	66	66	63	59	49
	C	39	56	65	65	65	62	58	48
Outlet	A	42	59	68	70	72	71	63	54
	B	41	57	66	68	70	69	62	52
	C	39	56	65	67	69	68	61	51

Model CRVB/6-315		63	125	250	500	1000	2000	4000	8000
Inlet	A	37	52	56	57	57	54	47	37
	B	37	52	55	56	56	54	47	37
	C	36	50	54	56	55	53	46	36
Outlet	A	38	52	56	60	63	58	50	41
	B	36	50	54	59	61	56	49	39
	C	36	50	54	58	60	56	48	39

Model CRVT/6-315		63	125	250	500	1000	2000	4000	8000
Inlet	A	37	52	55	57	56	54	47	37
	B	37	52	55	56	56	54	47	37
	C	36	50	54	55	55	53	46	35
Outlet	A	38	52	56	60	62	58	50	41
	B	36	50	54	59	61	56	49	39
	C	36	50	54	58	60	56	48	39

Model CRVB/4-355		63	125	250	500	1000	2000	4000	8000
Inlet	A	46	61	66	70	70	72	75	66
	B	44	58	63	67	68	70	73	63
	C	45	59	64	68	69	71	74	64
Outlet	A	50	66	72	76	77	77	75	65
	B	46	62	67	71	73	72	71	60
	C	46	61	65	68	71	72	72	60

Model CRVT/4-355		63	125	250	500	1000	2000	4000	8000
Inlet	A	46	62	67	70	71	73	76	68
	B	44	60	65	68	69	71	74	66
	C	45	61	66	69	70	72	75	67
Outlet	A	51	68	73	77	78	78	76	67
	B	47	64	69	73	75	74	73	63
	C	47	63	67	70	73	74	74	63

Model CRVB/6-355		63	125	250	500	1000	2000	4000	8000
Inlet	A	42	54	59	63	64	68	69	51
	B	42	53	58	61	63	67	68	50
	C	42	53	58	62	64	68	68	50
Outlet	A	45	57	63	67	68	67	63	52
	B	42	54	60	64	65	65	60	49
	C	44	54	57	62	65	66	61	48

Model CRVT/6-355		63	125	250	500	1000	2000	4000	8000
Inlet	A	42	54	59	62	64	68	69	51
	B	42	53	58	61	63	67	68	50
	C	42	53	58	62	64	68	68	50
Outlet	A	45	57	62	66	68	67	62	51
	B	42	54	59	64	65	64	59	48
	C	44	54	57	62	65	66	61	48

Model CRVB/4-400		63	125	250	500	1000	2000	4000	8000
Inlet	A	46	62	66	70	71	73	76	67
	B	44	59	64	68	69	71	74	65
	C	45	60	65	69	70	72	75	66
Outlet	A	51	67	73	77	78	78	76	66
	B	47	63	69	73	74	74	72	62
	C	47	63	66	69	72	73	73	62

Model CRVT/4-400		63	125	250	500	1000	2000	4000	8000
Inlet	A	45	60	65	69	70	72	75	64
	B	44	58	63	67	68	70	73	63
	C	45	59	64	68	69	71	74	63
Outlet	A	50	65	71	75	76	76	74	64
	B	46	62	67	71	73	72	71	60
	C	46	61	65	68	71	72	72	60

Model CRVB/6-400		63	125	250	500	1000	2000	4000	8000
Inlet	A	42	54	59	63	64	68	70	52
	B	42	53	58	61	63	67	68	50
	C	42	54	59	62	64	68	69	51
Outlet	A	45	57	63	67	68	68	63	52
	B	42	54	60	64	65	65	60	49
	C	44	54	58	63	66	67	62	49

Model CRVT/6-400		63	125	250	500	1000	2000	4000	8000
Inlet	A	42	54	59	63	64	68	70	52
	B	41	53	58	62	63	67	69	51
	C	42	54	59	62	64	68	69	51
Outlet	A	45	58	63	67	69	68	64	53
	B	42	55	60	64	66	65	61	50
	C	44	54	58	63	66	67	62	49

Model CRVB/4-500		63	125	250	500	1000	2000	4000	8000
Inlet	A	56	75	79	82	83	81	82	80
	B	56	72	76	78	78	76	74	70
	C	56	70	74	76	76	74	71	66
Outlet	A	59	78	84	86	86	85	86	84
	B	58	75	79	82	83	81	79	75
	C	56	73	77	80	81	79	77	73

Model CRVB/6-500		63	125	250	500	1000	2000	4000	8000
Inlet	A	54	64	68	71	71	71	74	62
	B	51	59	63	65	65	63	65	48
	C	50	58	62	64	64	62	58	53
Outlet	A	54	67	71	73	74	75	75	64
	B	53	62	66	69	70	69	66	56
	C	52	61	65	68	69	67	65	55

Model CRVB/8-500		63	125	250	500	1000	2000	4000	8000
Inlet	A	49	57	61	64	65	66	65	52
	B	46	53	56	59	58	58	55	36
	C	44	51	54	57	56	54	51	46
Outlet	A	51	59	62	65	66	68	68	50
	B	47	54	59	62	62	61	59	45
	C	46	53	58	61	62	60	58 4	4

Model CRVB/6-560		63	125	250	500	1000	2000	4000	8000
Inlet	A	54	64	69	72	72	71	74	63
	B	52	61	64	67	66	64	66	50
	C	49	58	62	64	64	62	59	53
Outlet	A	55	68	72	74	74	75	76	65
	B	53	63	67	71	71	70	67	58
	C	52	62	66	69	70	68	66	56

Model CRVB/8-560		63	125	250	500	1000	2000	4000	8000
Inlet	A	50	58	62	65	65	67	66	53
	B	45	52	56	58	58	58	54	35
	C	44	51	54	57	56	54	51	46
Outlet	A	51	59	63	65	67	68	69	51
	B	46	54	58	62	62	61	58	44
	C	46	53	58	61	62	60	58	44

Model CRVB/6-630		63	125	250	500	1000	2000	4000	8000
Inlet	A	54	65	69	72	72	71	75	63
	B	52	61	64	67	66	64	66	50
	C	50	59	63	65	65	63	60	55
Outlet	A	55	68	72	74	74	76	76	66
	B	53	63	67	71	71	70	67	58
	C	52	62	66	70	70	69	66	57

Model CRVB/8-630		63	125	250	500	1000	2000	4000	8000
Inlet	A	51	59	63	66	66	68	68	54
	B	48	55	58	61	60	59	58	39
	C	46	53	57	59	59	57	54	49
Outlet	A	52	61	64	67	68	70	70	53
	B	59	56	61	64	65	63	61	48
	C	48	56	60	64	64	63	60	48

Model CRVT/4-500		63	125	250	500	1000	2000	4000	8000
Inlet	A	55	74	78	81	81	80	81	77
	B	54	70	74	76	77	74	73	67
	C	55	69	72	75	74	72	69	64
Outlet	A	58	78	82	84	83	84	84	82
	B	56	73	77	80	81	79	77	73
	C	55	71	75	79	79	78	75	71

Model CRVT/6-500		63	125	250	500	1000	2000	4000	8000
Inlet	A	54	64	68	71	71	71	74	62
	B	52	60	64	66	66	64	66	49
	C	50	59	62	65	64	62	59	54
Outlet	A	54	67	71	73	73	75	75	64
	B	53	62	67	70	71	69	67	57
	C	52	61	66	69	69	68	66	56

Model CRVT/8-500		63	125	250	500	1000	2000	4000	8000
Inlet	A	48	56	60	63	63	66	63	50
	B	43	50	54	56	56	57	51	32
	C	42	49	52	55	55	52	49	44
Outlet	A	51	57	61	63	65	67	66	47
	B	44	52	57	60	60	59	55	41
	C	44	52	56	59	60	59	55	41

Model CRVT/4-560		63	125	250	500	1000	2000	4000	8000
Inlet	A	56	75	79	82	82	81	81	79
	B	55	72	75	78	77	75	74	69
	C	56	70	74	76	76	74	71	65
Outlet	A	59	78	83	86	85	85	85	84
	B	57	74	79	82	82	81	79	74
	C	56	72	77	80	81	79	77	72

Model CRVT/6-560		63	125	250	500	1000	2000	4000	8000
Inlet	A	54	64	68	71	72	71	74	63
	B	52	60	64	66	66	64	66	49
	C	50	59	62	65	64	62	59	54
Outlet	A	54	68	71	73	74	75	75	65
	B	53	62	67	70	71	69	67	57
	C	52	61	66	69	69	68	66	56

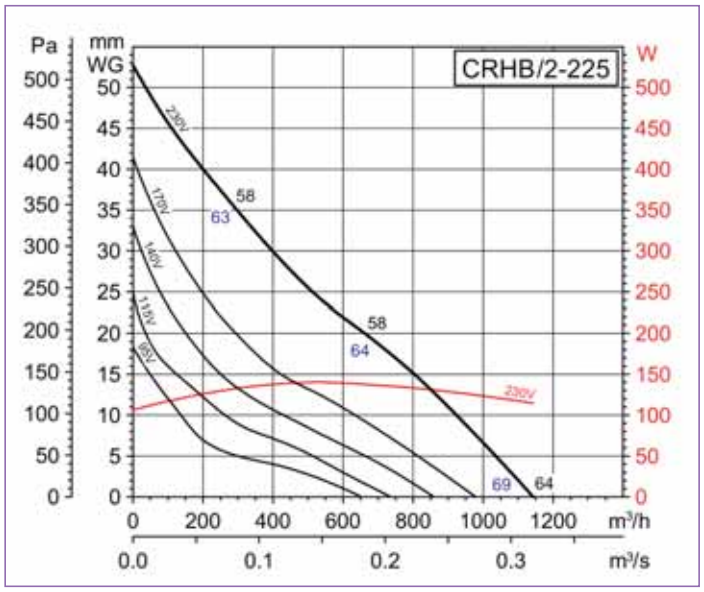
Model CRVT/8-560		63	125	250	500	1000	2000	4000	8000
Inlet	A	48	56	60	63	63	66	63	50
	B	43	50	54	56	56	57	51	32
	C	42	49	52	55	55	52	49	44
Outlet	A	51	57	61	63	65	67	66	47
	B	44	52	57	60	60	59	55	41
	C	44	52	56	59	60	59	55	41

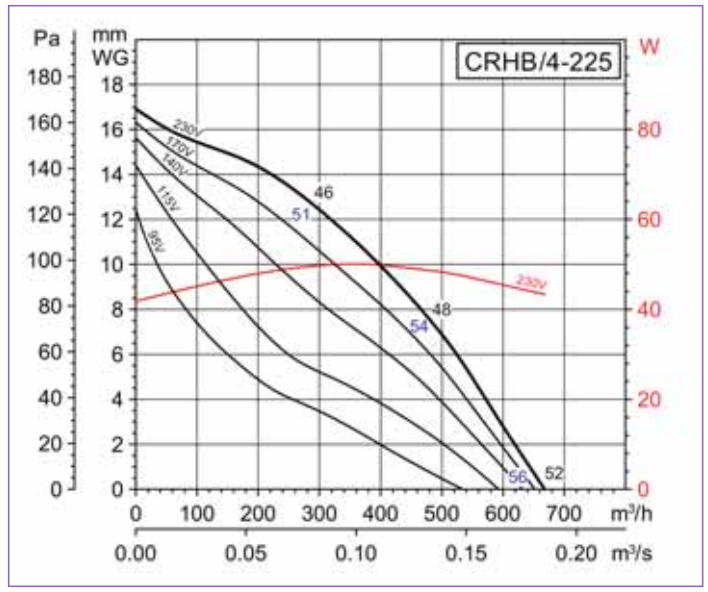
Model CRVT/6-630		63	125	250	500	1000	2000	4000	8000
Inlet	A	54	65	69	72	72	71	75	63
	B	52	61	65	67	67	65	67	51
	C	50	59	63	65	65	63	60	55
Outlet	A	55	68	72	74	74	76	76	66
	B	53	63	68	71	71	70	68	58
	C	52	62	66	70	70	69	66	57

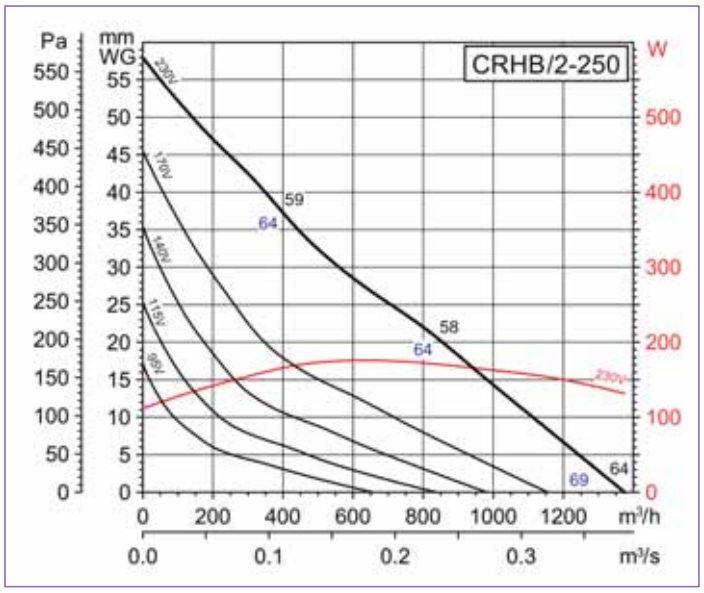
Model CRVT/8-630		63	125	250	500	1000	2000	4000	8000
Inlet	A	51	58	62	65	66	67	67	54
	B	47	54	58	60	60	59	57	38
	C	46	52	56	59	58	56	53	48
Outlet	A	52	60	64	66	68	69	69	53
	B	48	56	60	63	64	63	60	47
	C	48	55	60	63	63	62	60	47

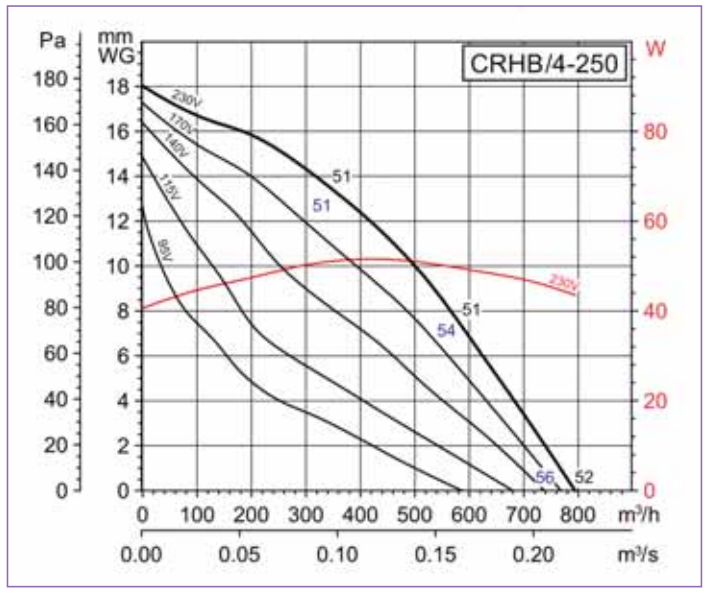
Performance curves CRHB/CRHT

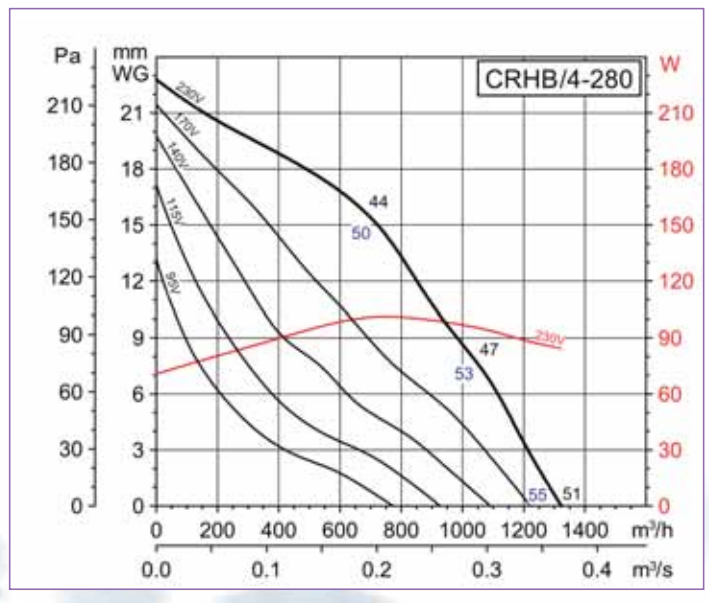
The values are sound pressure levels measured at 1,5 m, in free field conditions, at the fan inlet side.





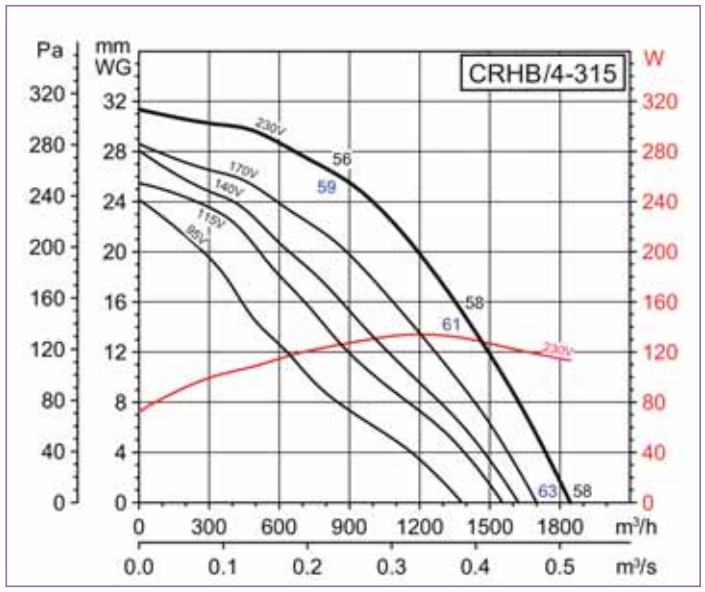


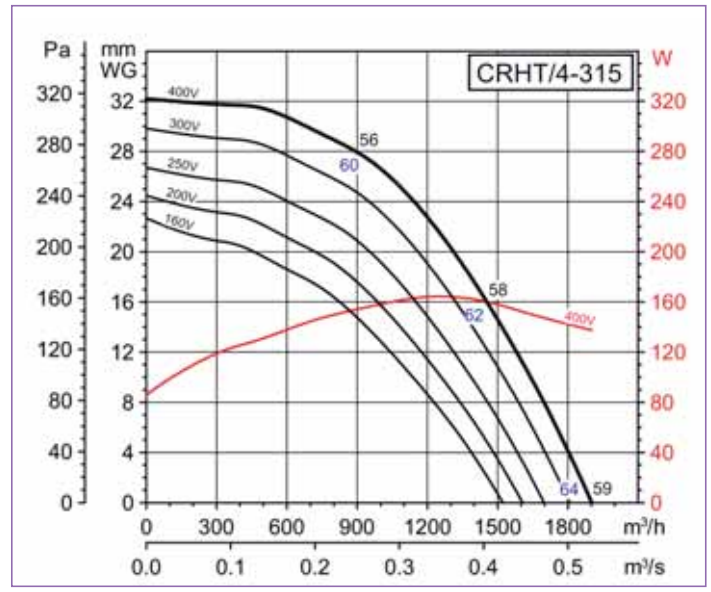


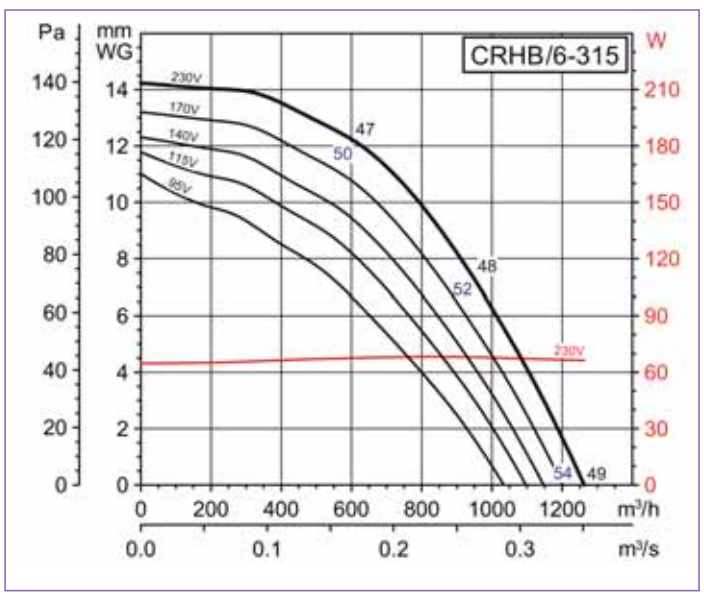


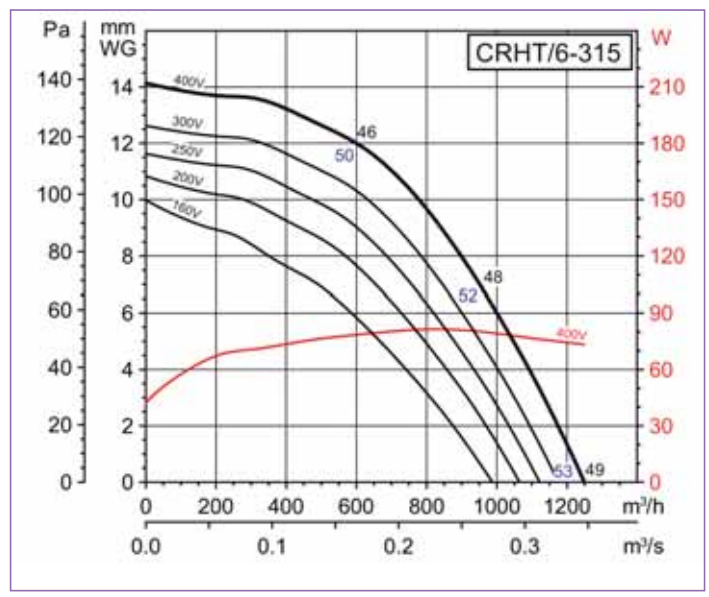
Performance curves CRHB/CRHT

The values are sound pressure levels measured at 1,5 m, in free field conditions, at the fan inlet side.



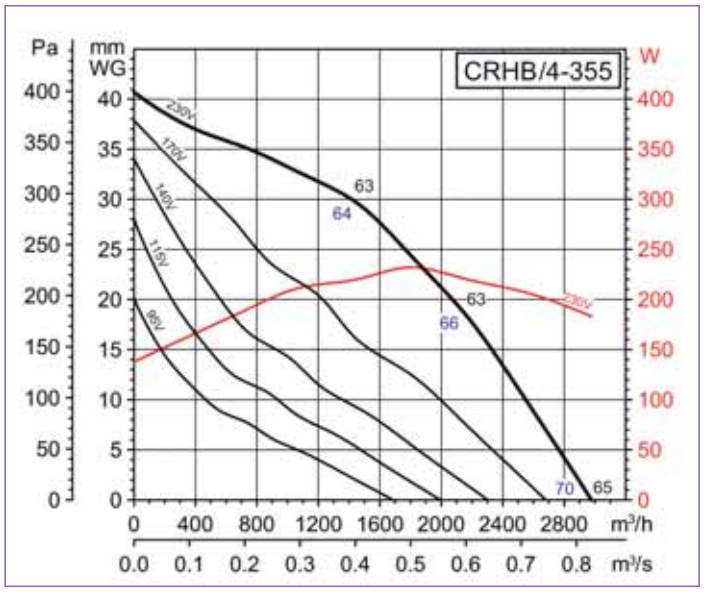


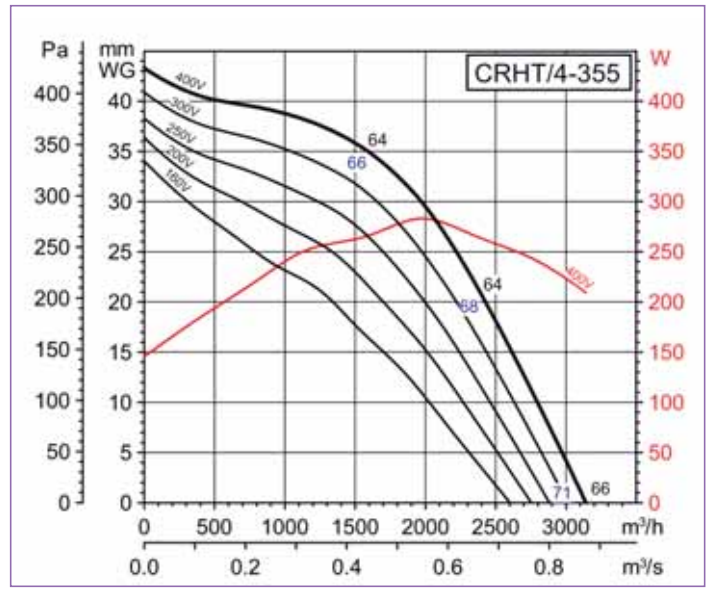


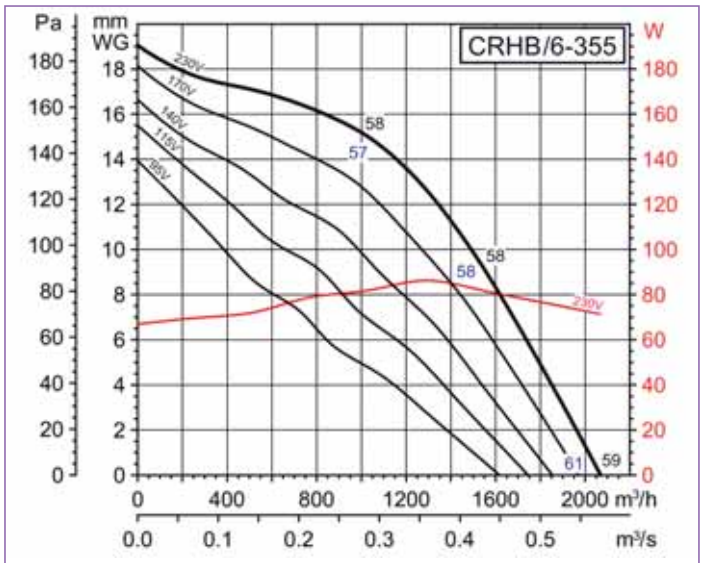


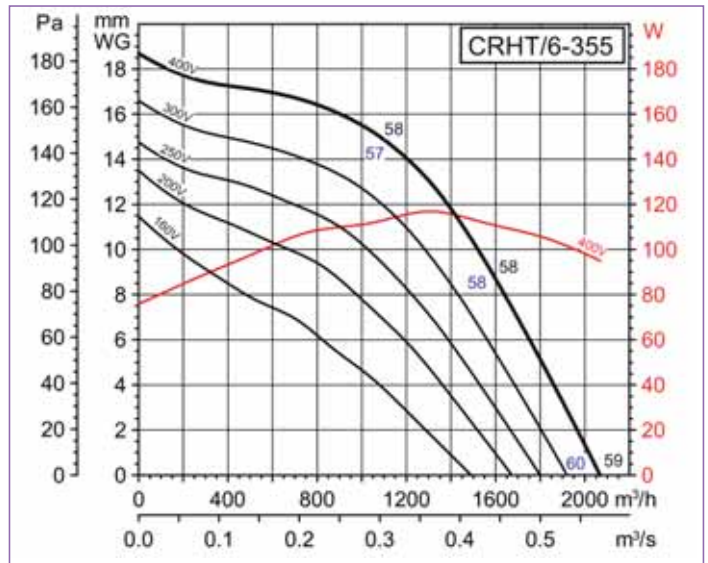
Performance curves CRHB/CRHT

The values are sound pressure levels measured at 1,5 m, in free field conditions, at the fan inlet side.



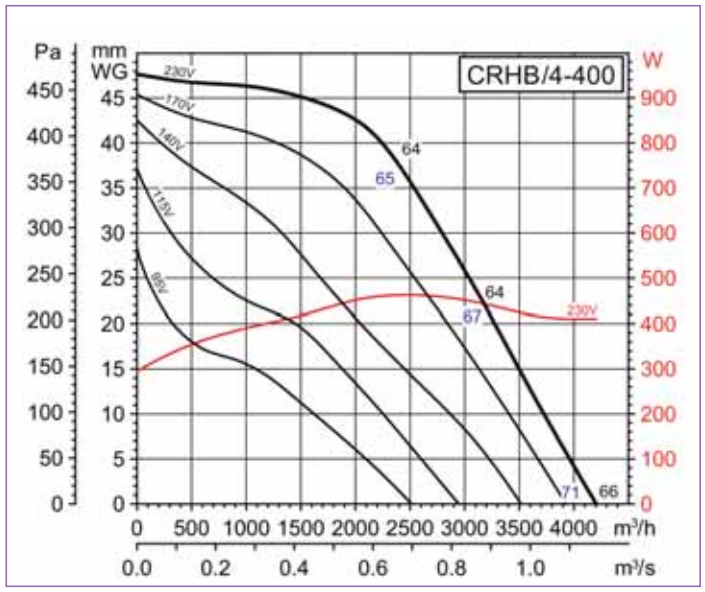


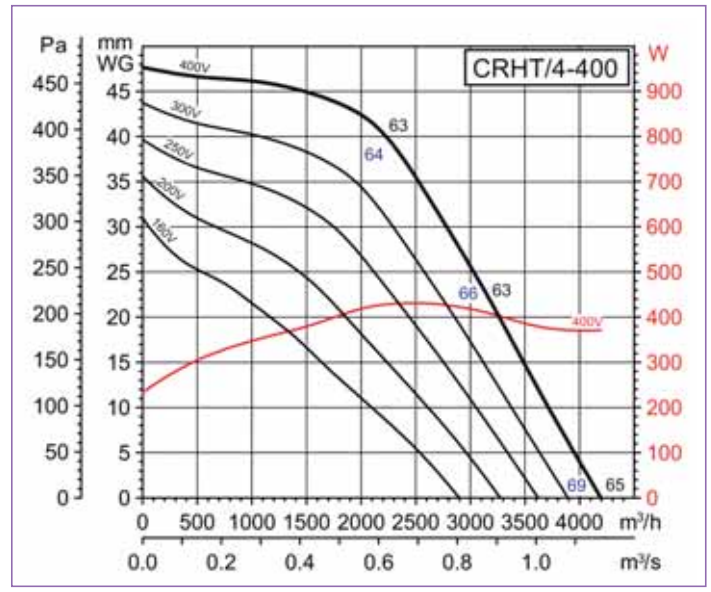


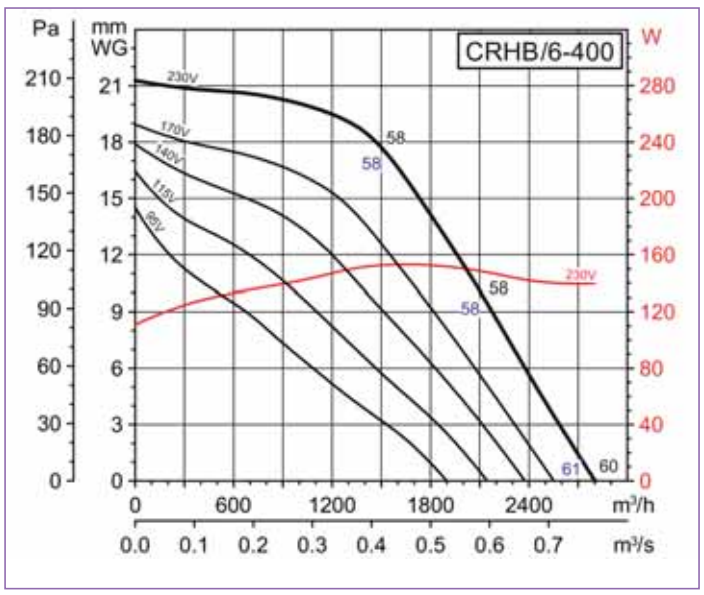


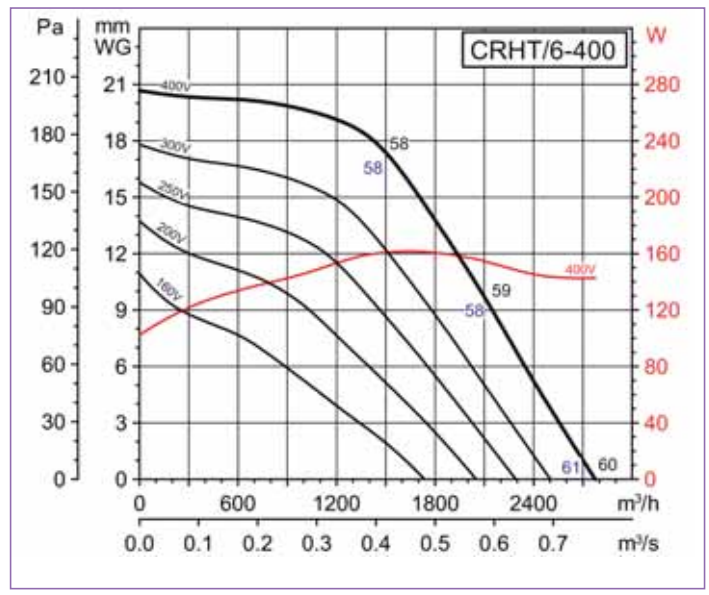
Performance curves CRHB/CRHT

The values are sound pressure levels measured at 1,5 m, in free field conditions, at the fan inlet side.



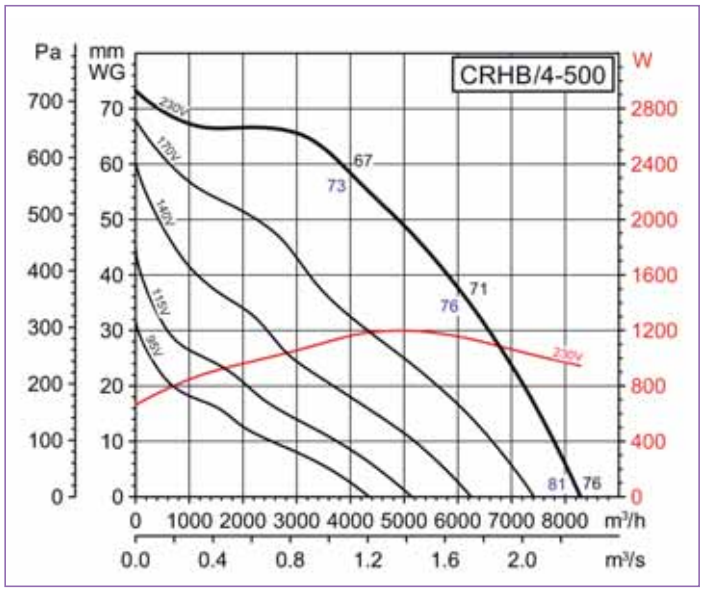


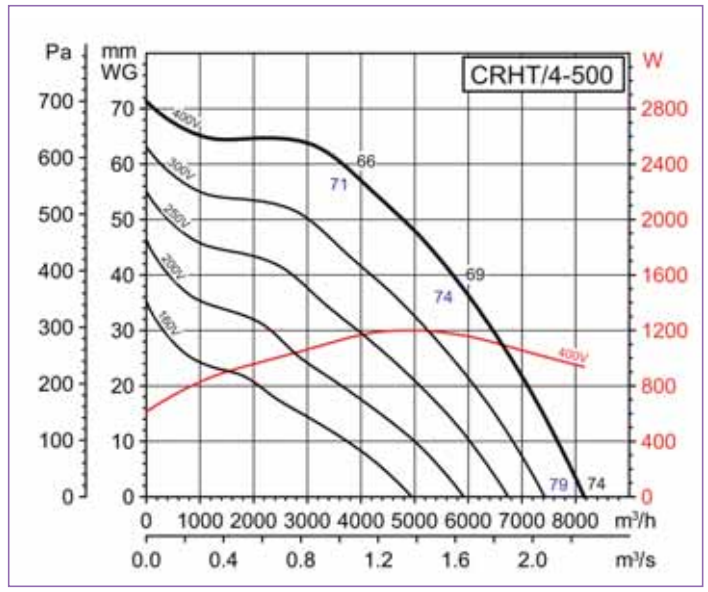


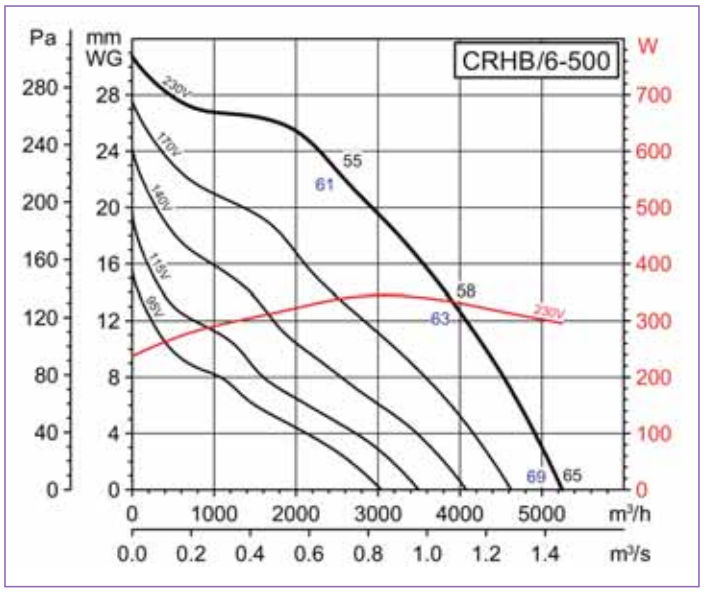


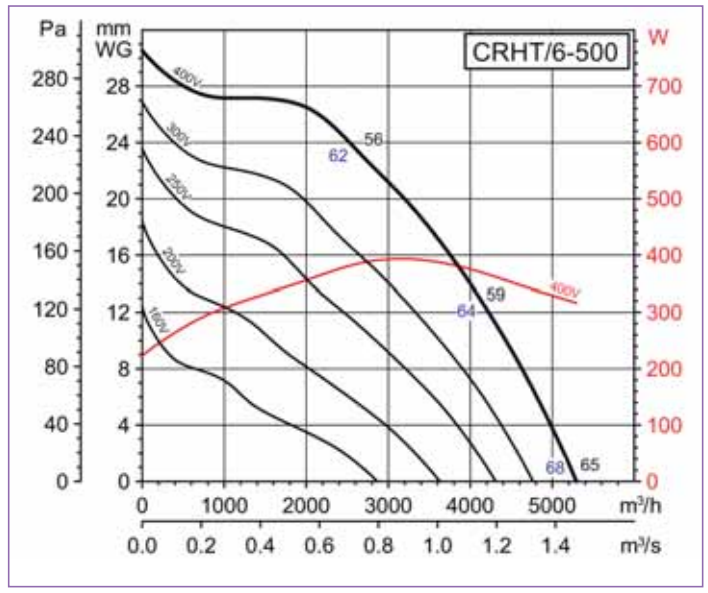
Performance curves CRHB/CRHT

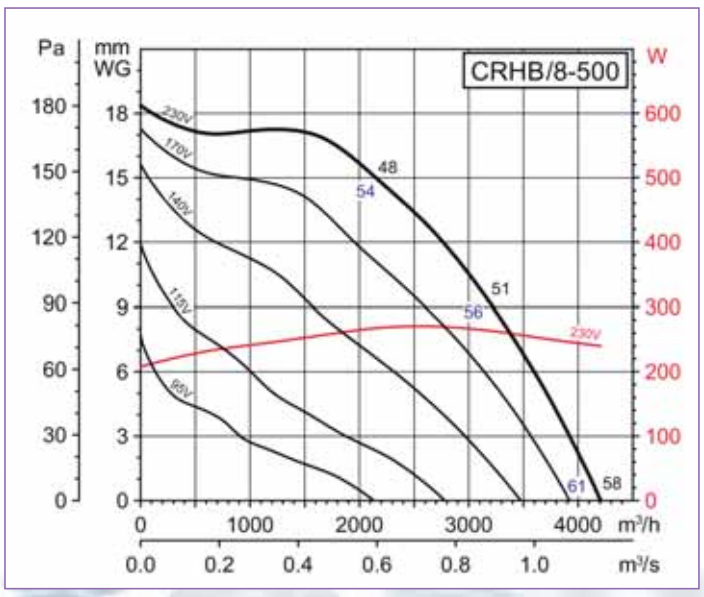
The values are sound pressure levels measured at 1,5 m, in free field conditions, at the fan inlet side.

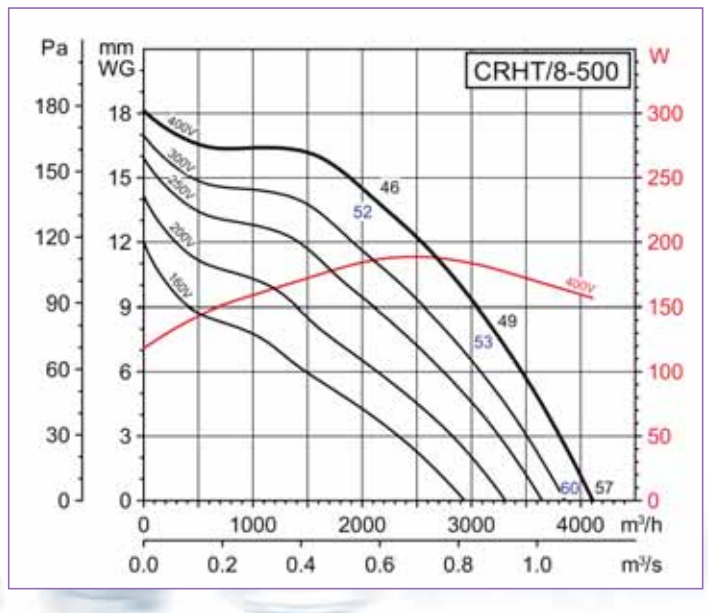






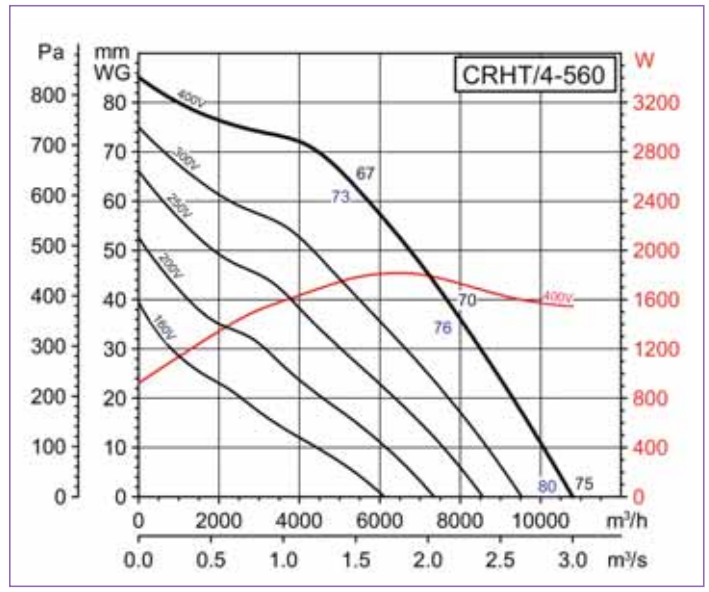


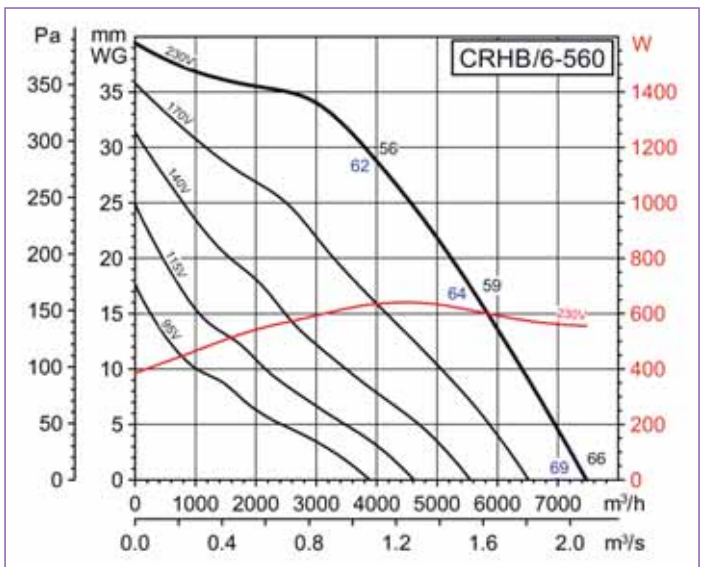


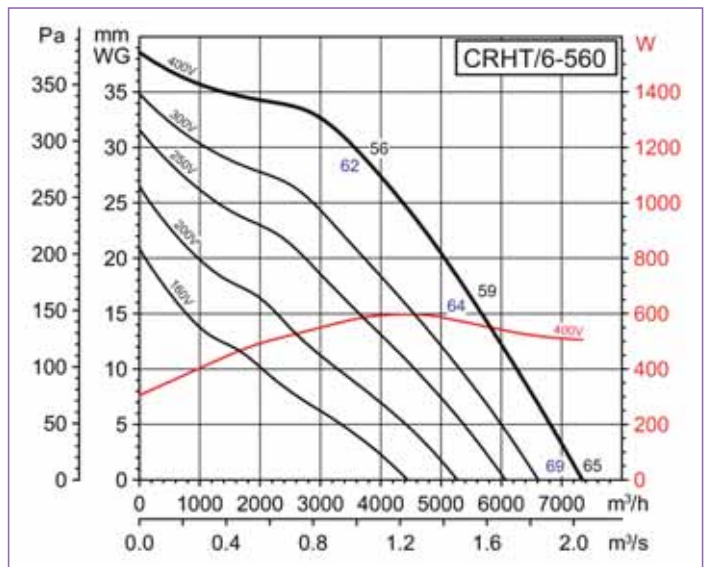


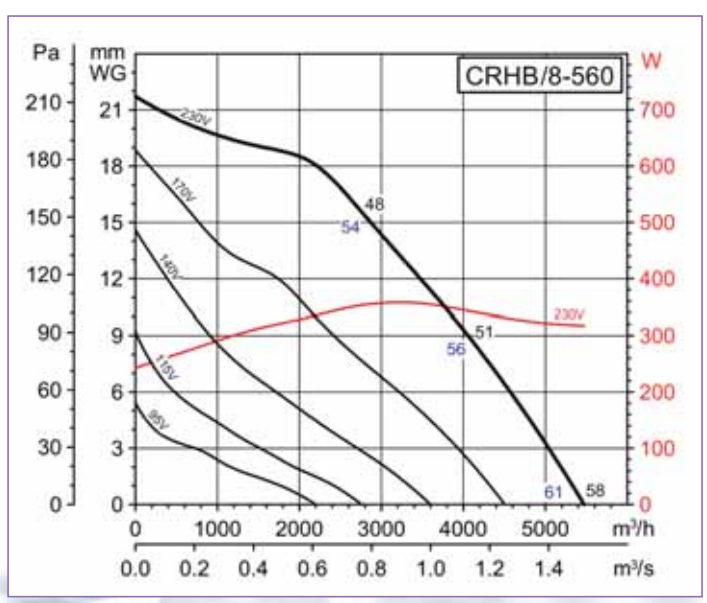
Performance curves CRHB/CRHT

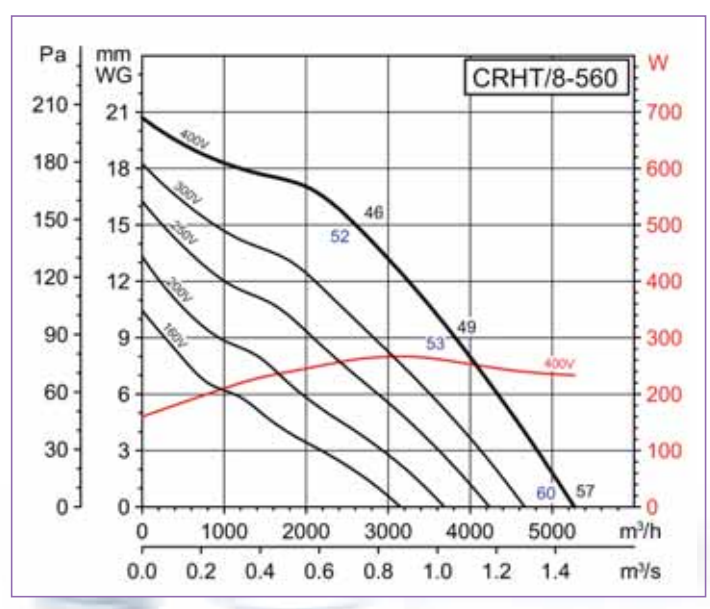
The values are sound pressure levels measured at 1,5 m, in free field conditions, at the fan inlet side.





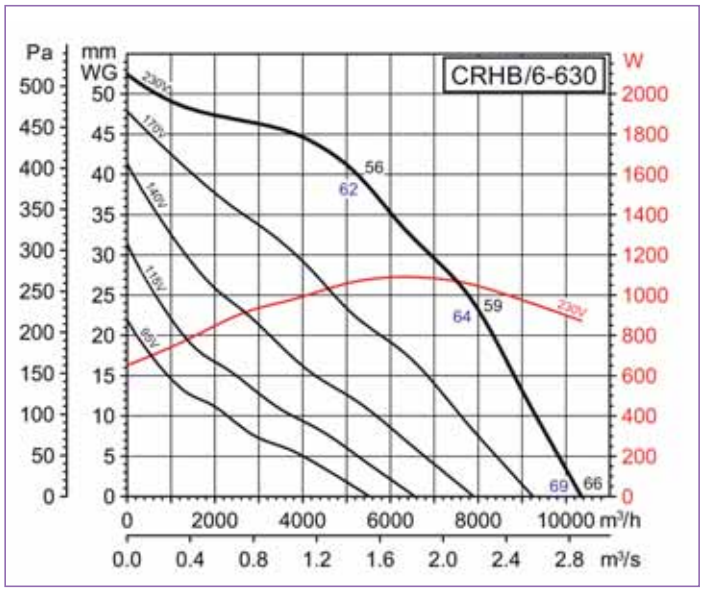


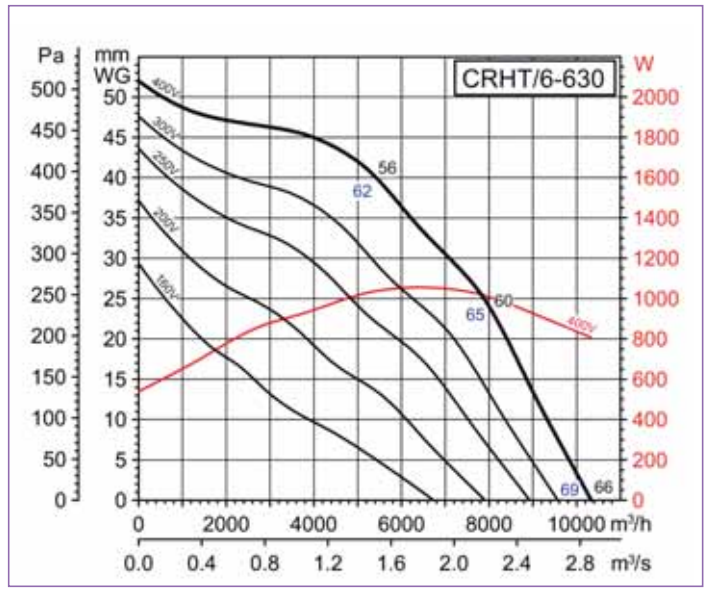


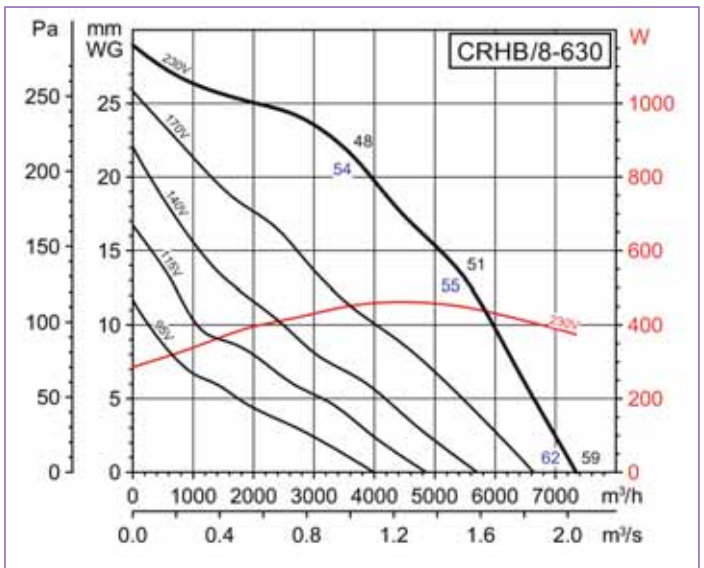


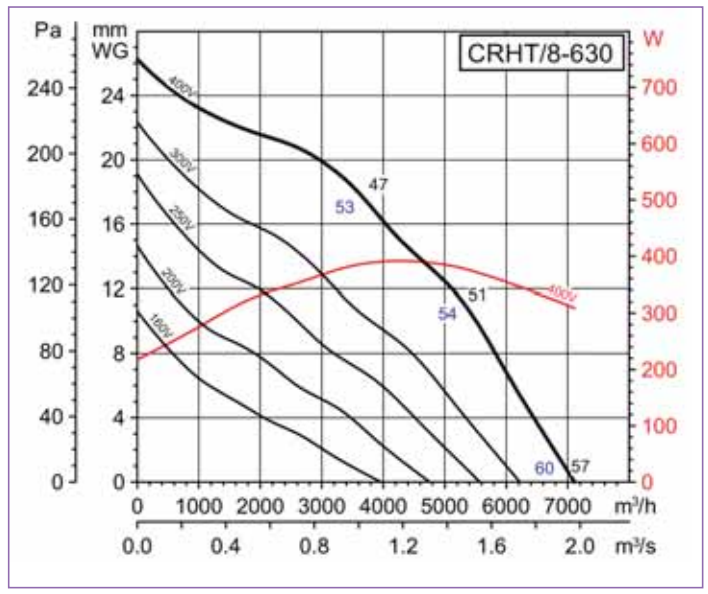
Performance curves CRHB/CRHT

The values are sound pressure levels measured at 1,5 m, in free field conditions, at the fan inlet side.



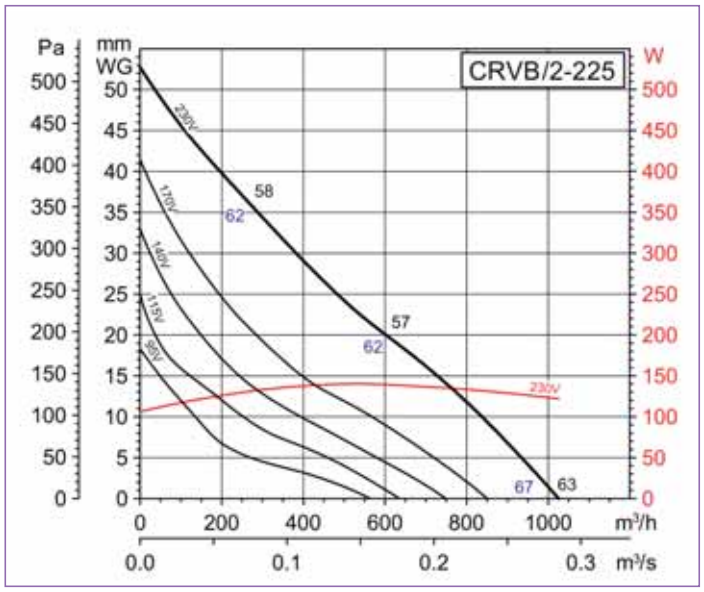


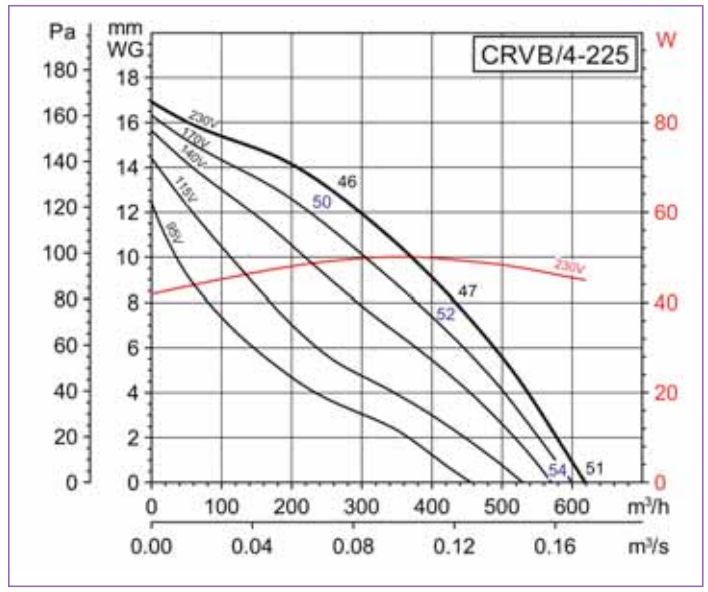


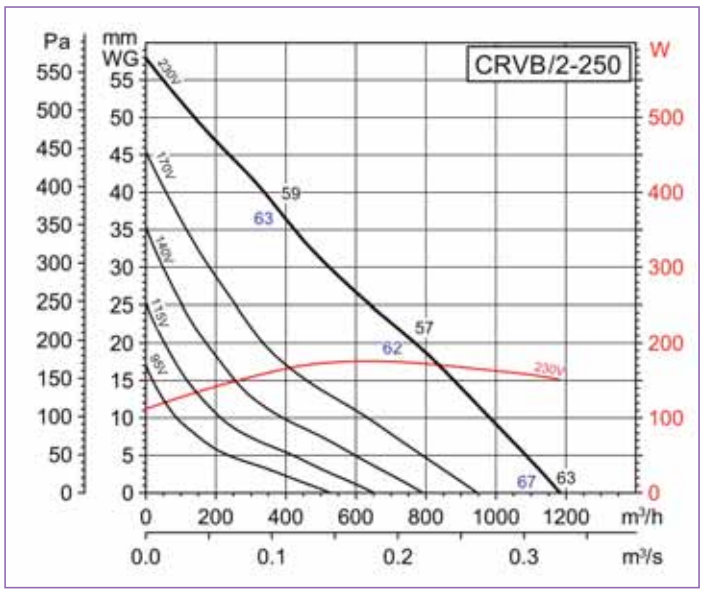


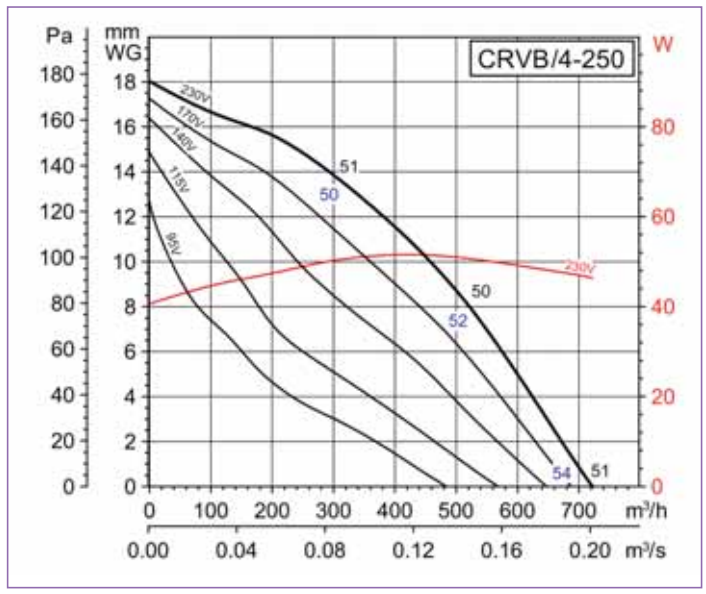
Performance curves CRVB/CRVT

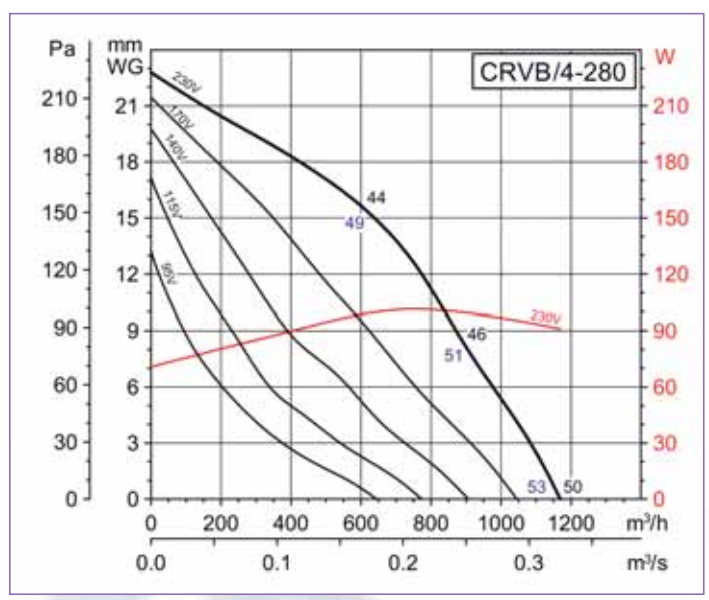
The values are sound pressure levels measured at 1,5 m, in free field conditions, at the fan inlet side.





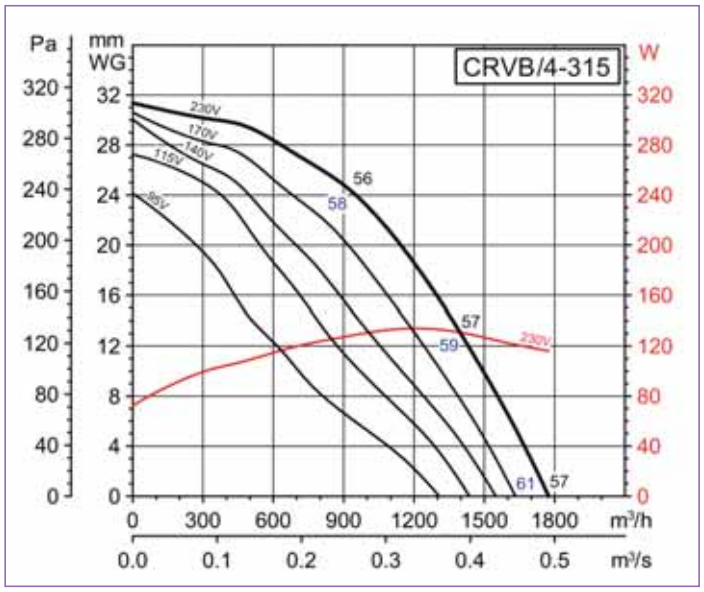


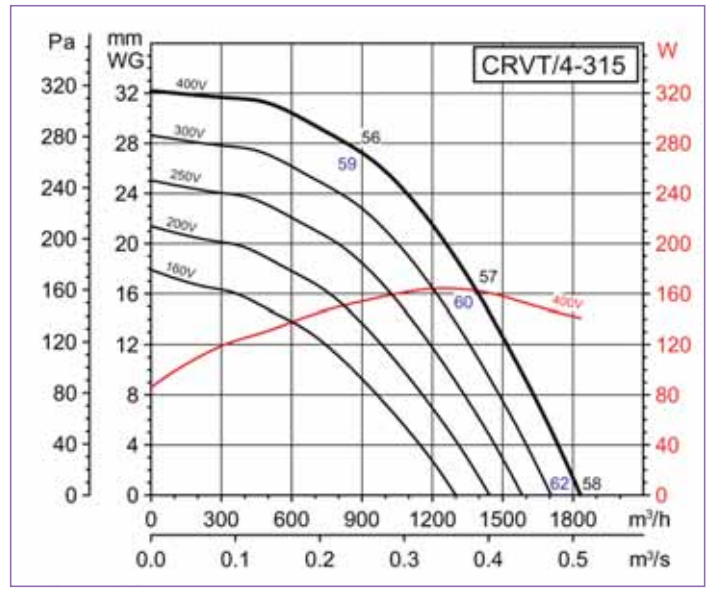


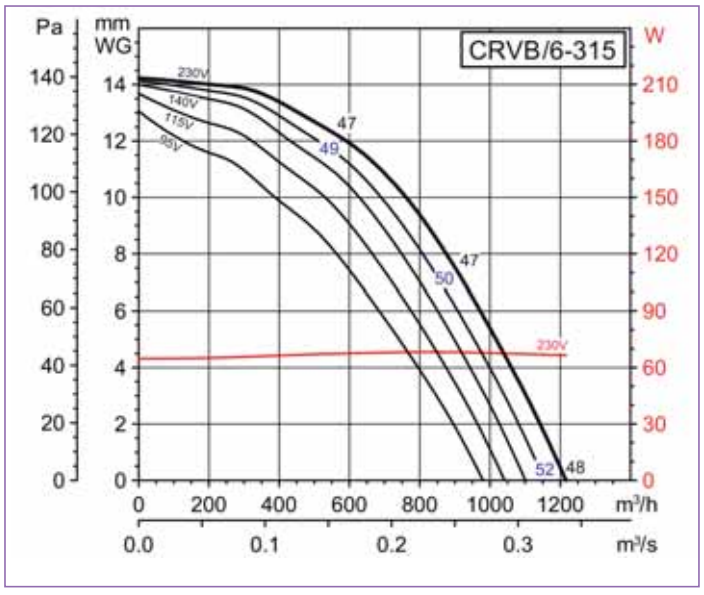


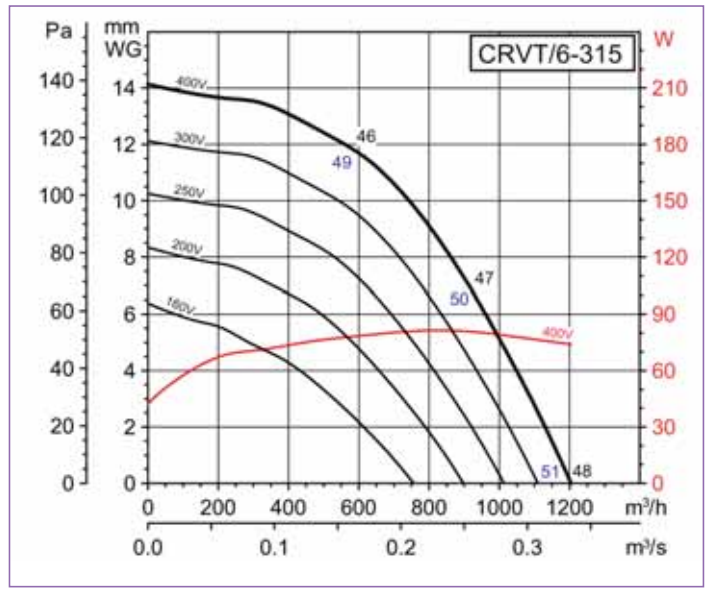
Performance curves CRVB/CRVT

The values are sound pressure levels measured at 1,5 m, in free field conditions, at the fan inlet side.



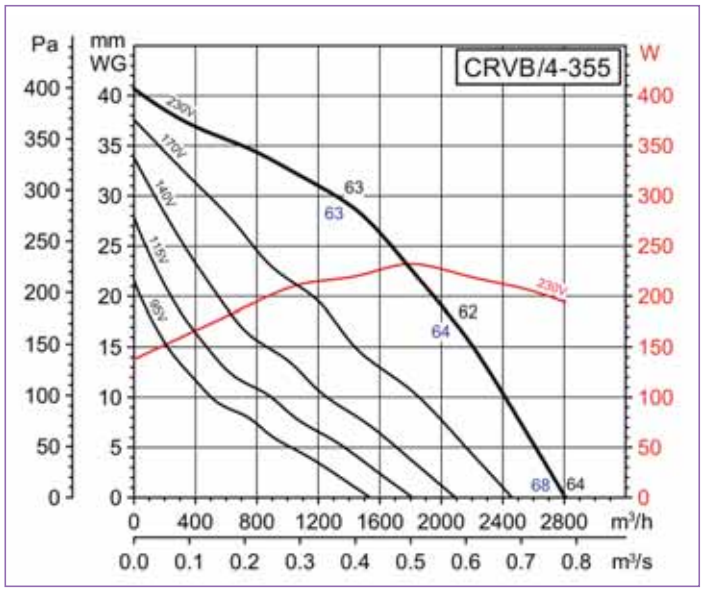


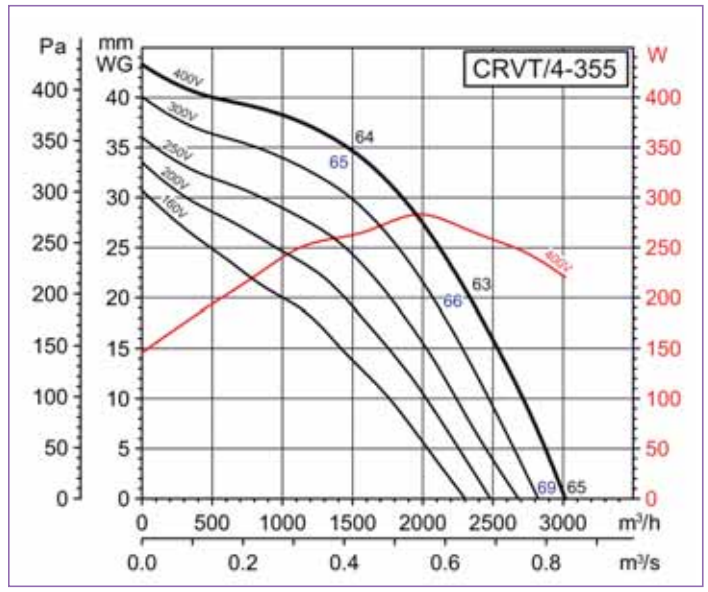


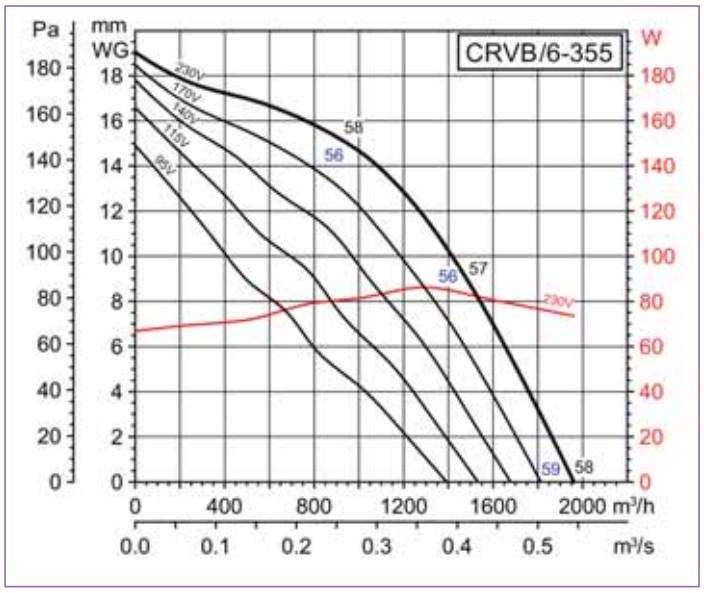


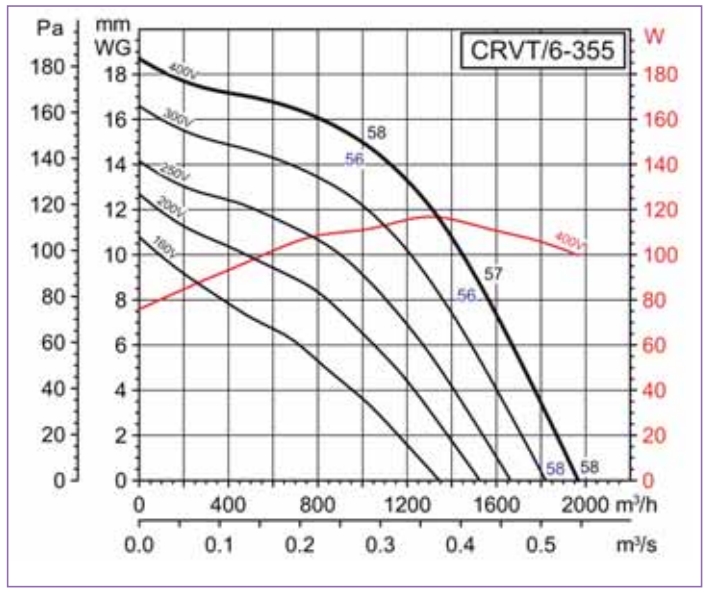
Performance curves CRVB/CRVT

The values are sound pressure levels measured at 1,5 m, in free field conditions, at the fan inlet side.



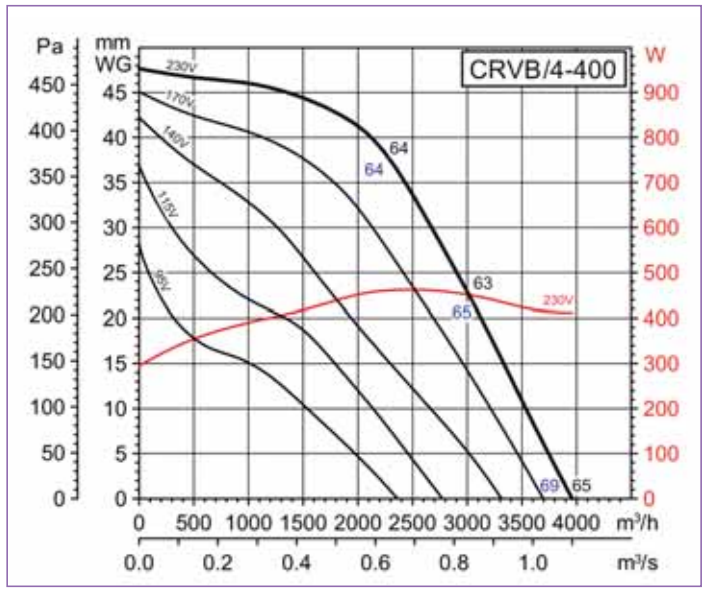


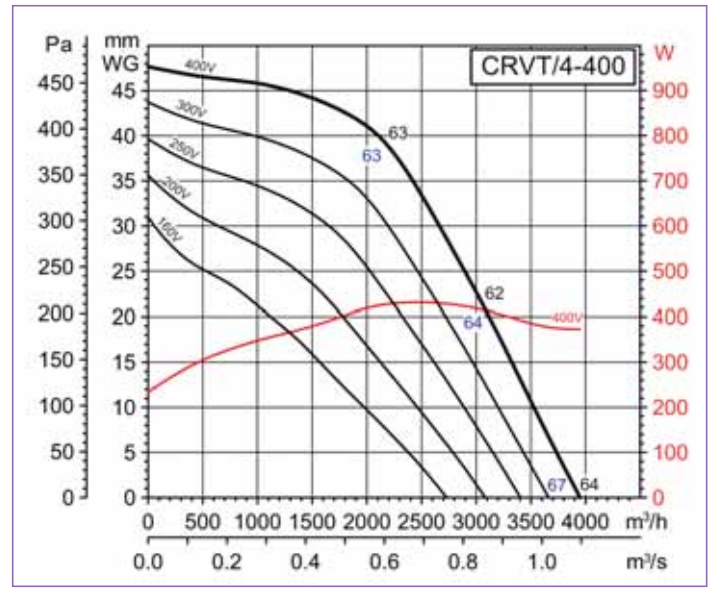


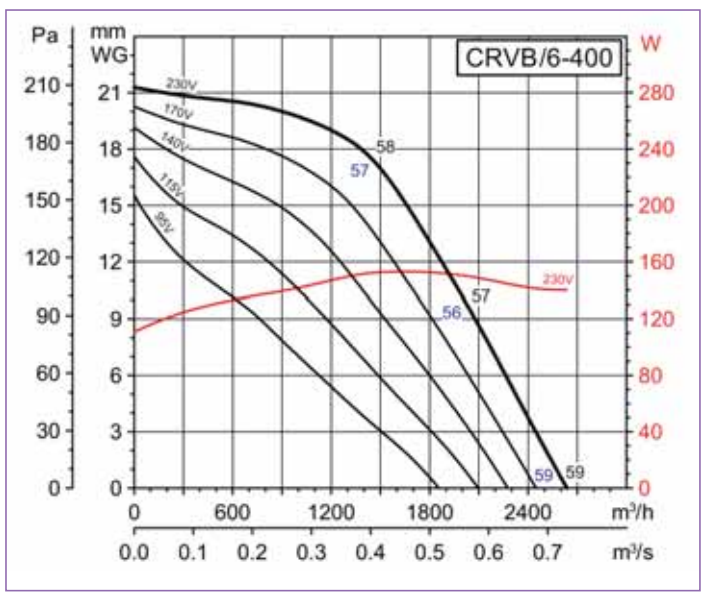


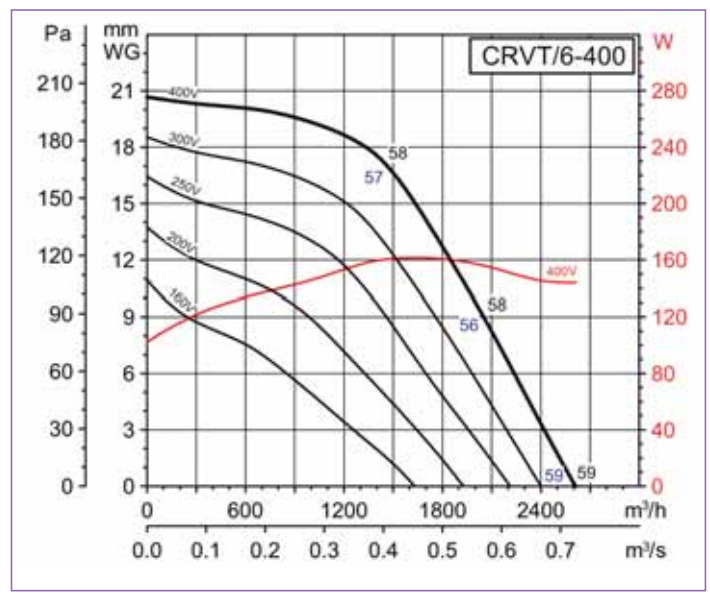
Performance curves CRVB/CRVT

The values are sound pressure levels measured at 1,5 m, in free field conditions, at the fan inlet side.



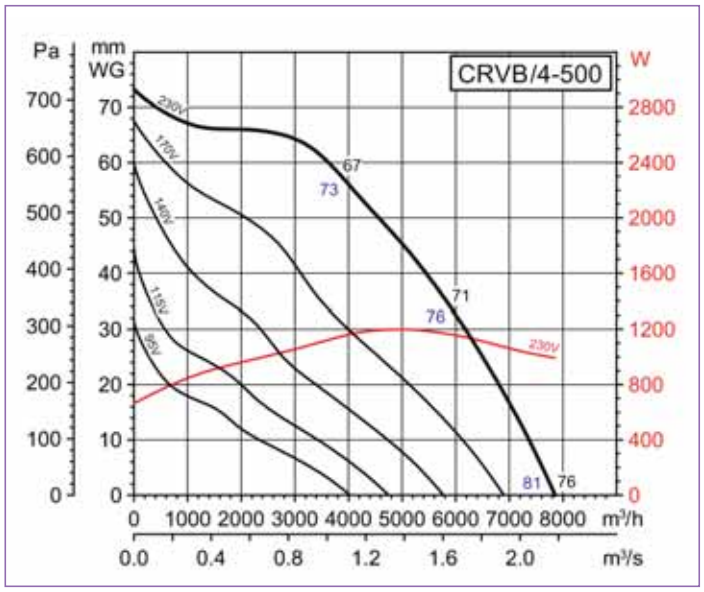


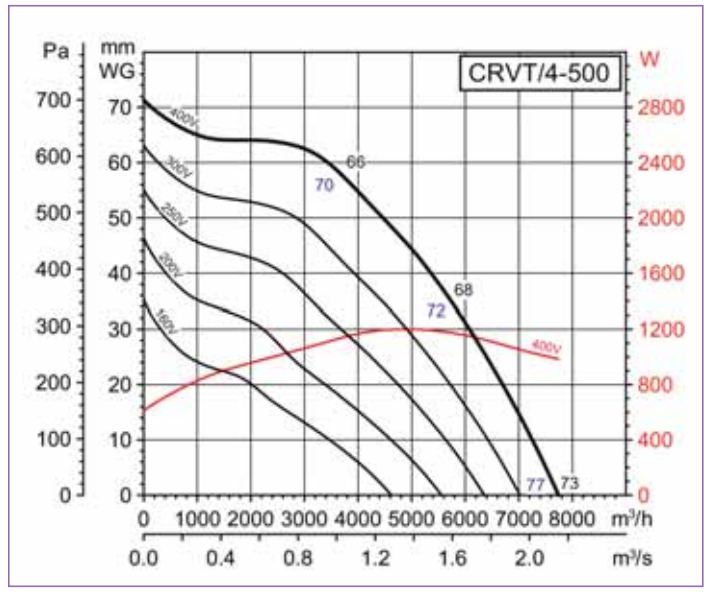


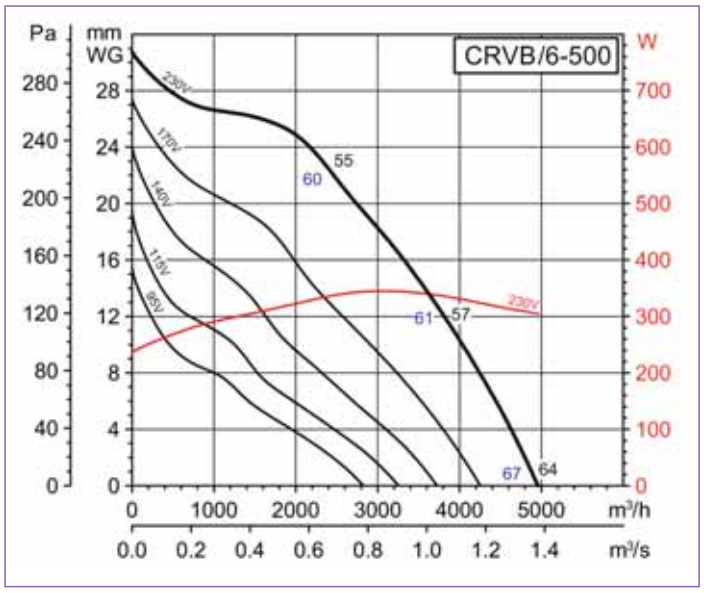


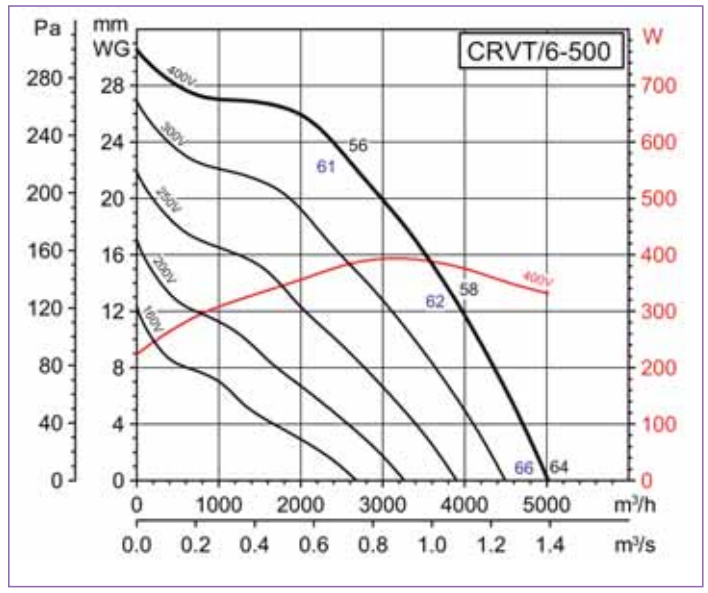
Performance curves CRVB/CRVT

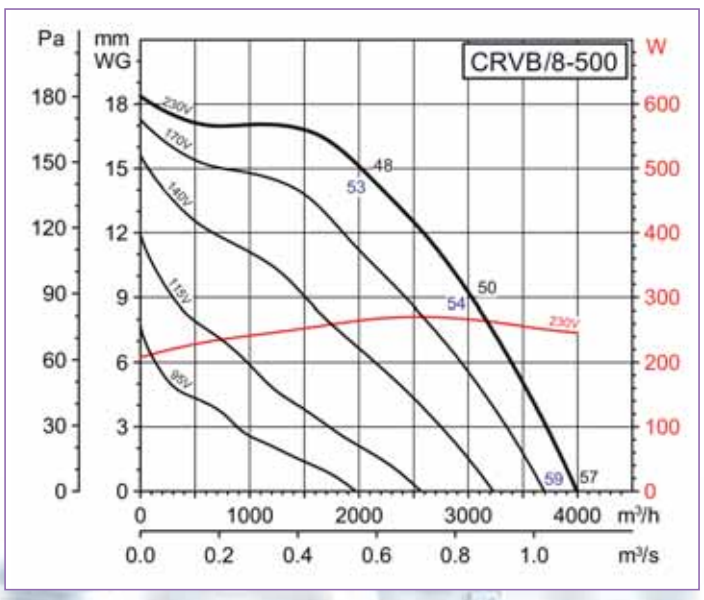
The values are sound pressure levels measured at 1,5 m, in free field conditions, at the fan inlet side.

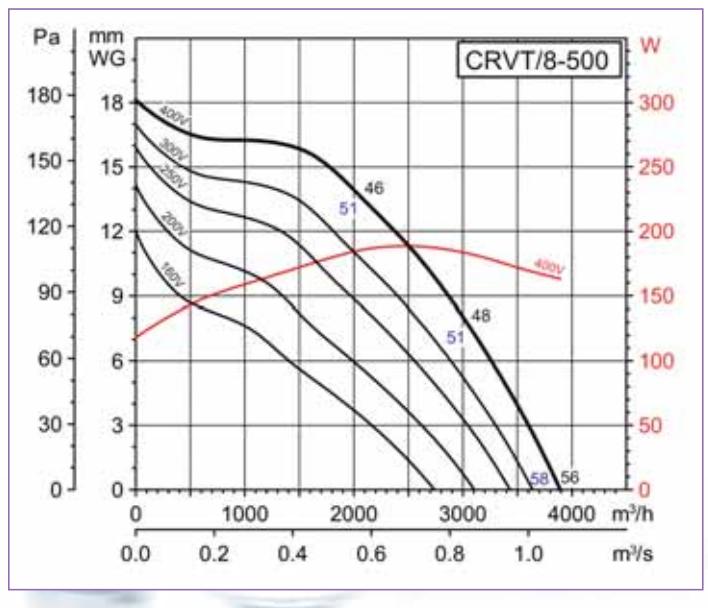






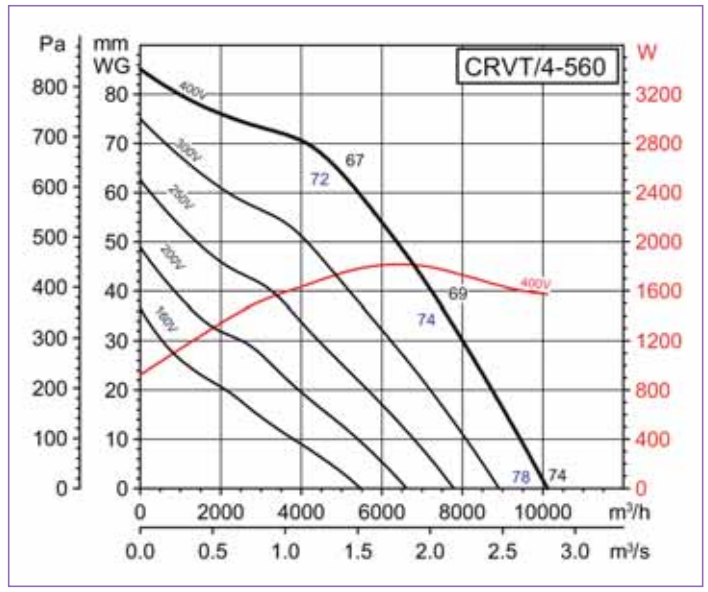


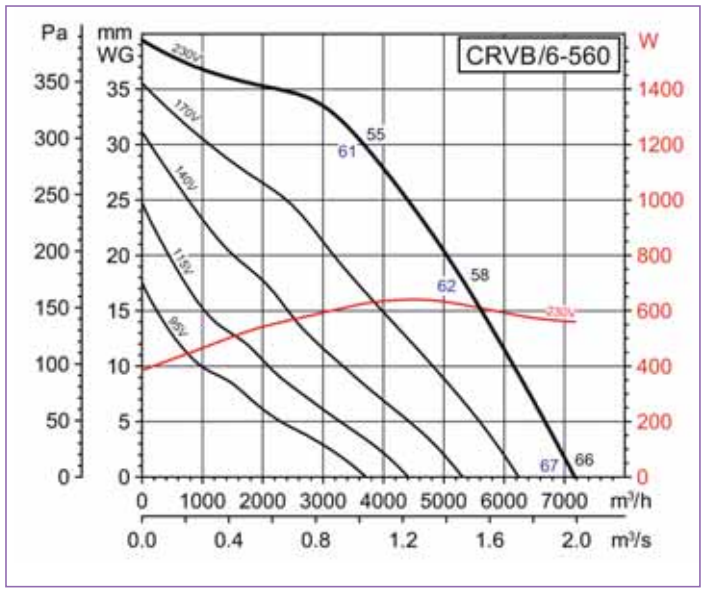


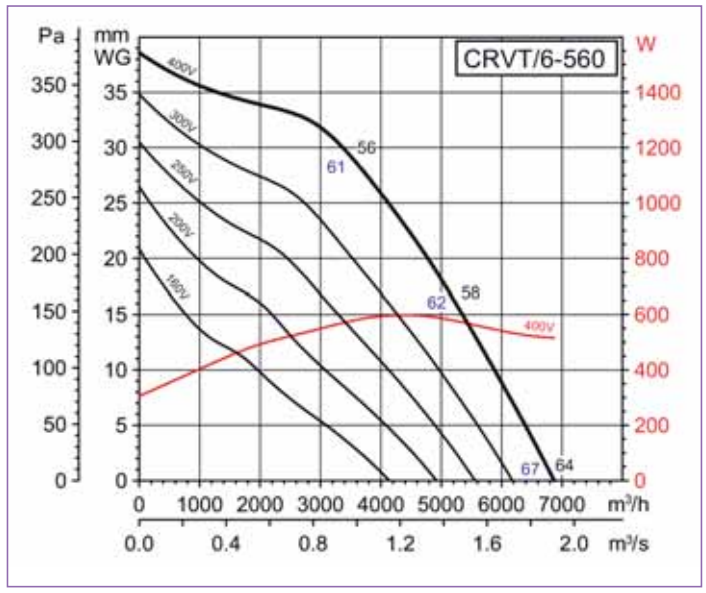


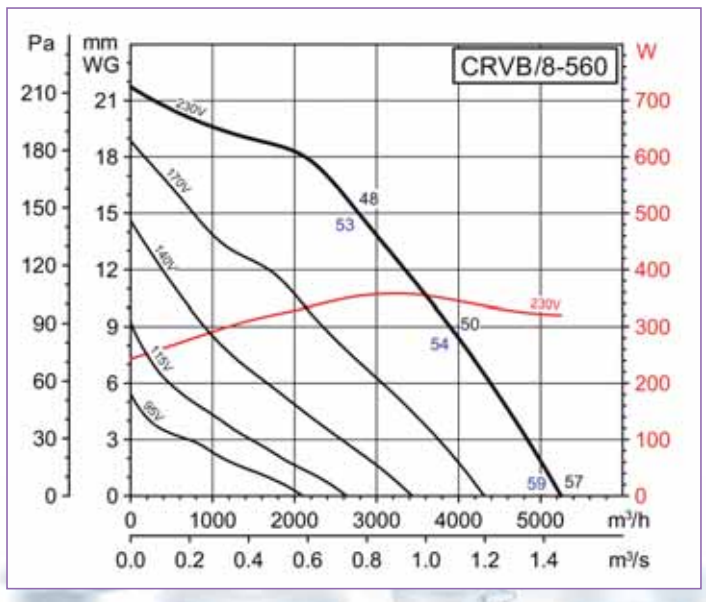
Performance curves CRVB/CRVT

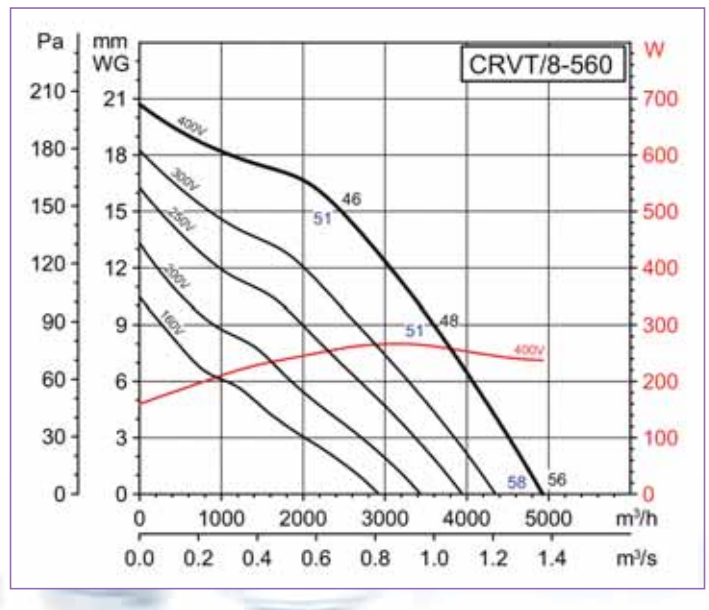
The values are sound pressure levels measured at 1,5 m, in free field conditions, at the fan inlet side.





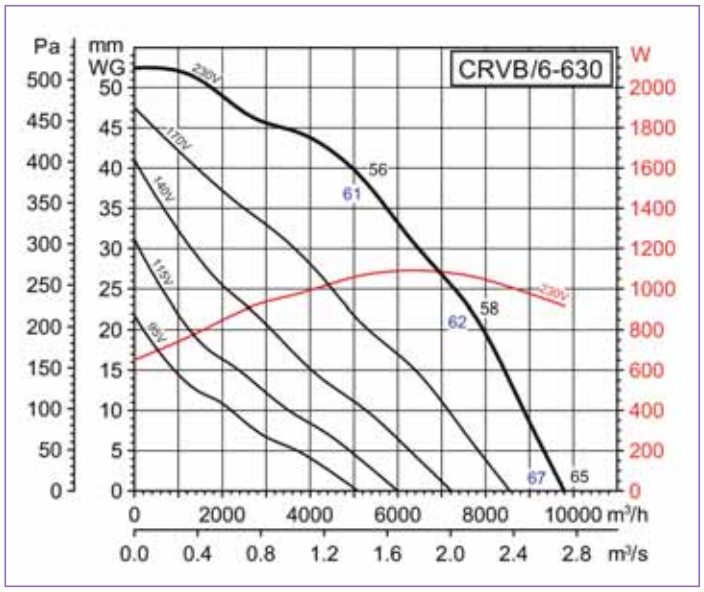


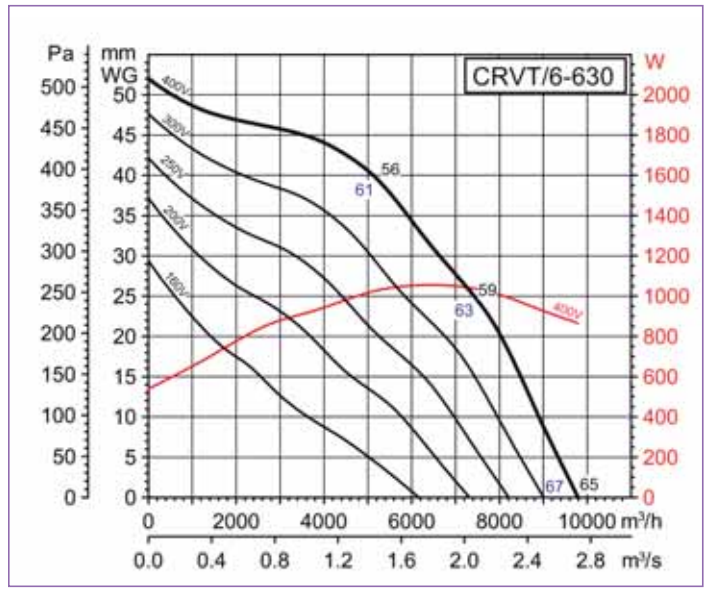


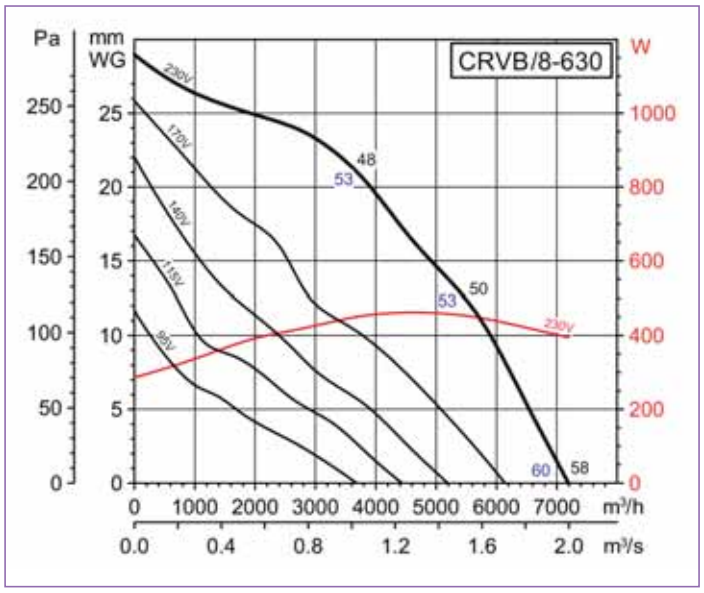


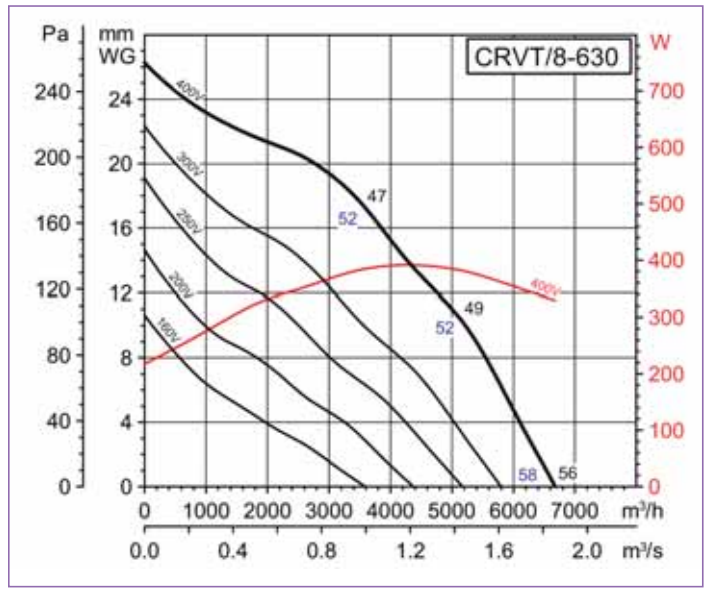
Performance curves CRVB/CRVT

The values are sound pressure levels measured at 1,5 m, in free field conditions, at the fan inlet side.

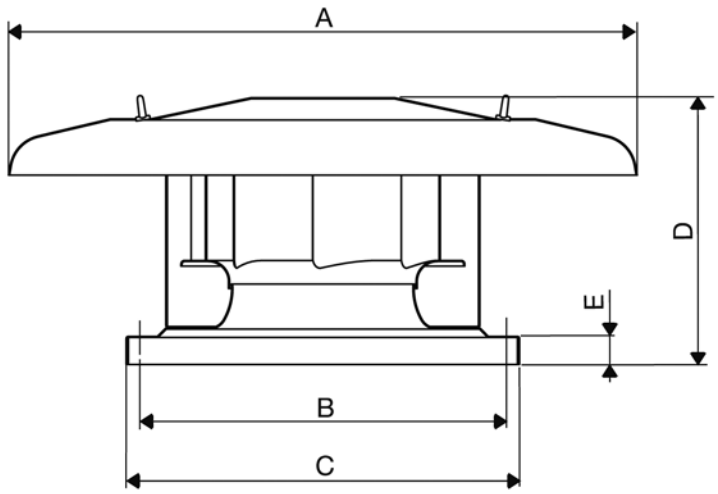








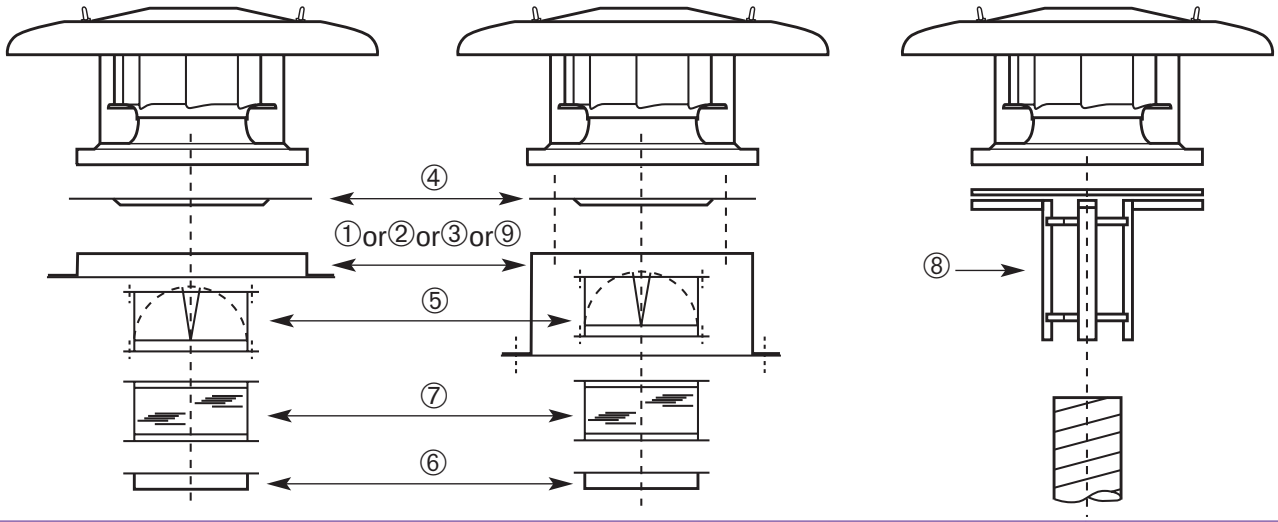
Dimensions CRHB/CRHT



Model	D
CRHT/4-560	504
CRHT/6-560	491
CRHT/8-560	491

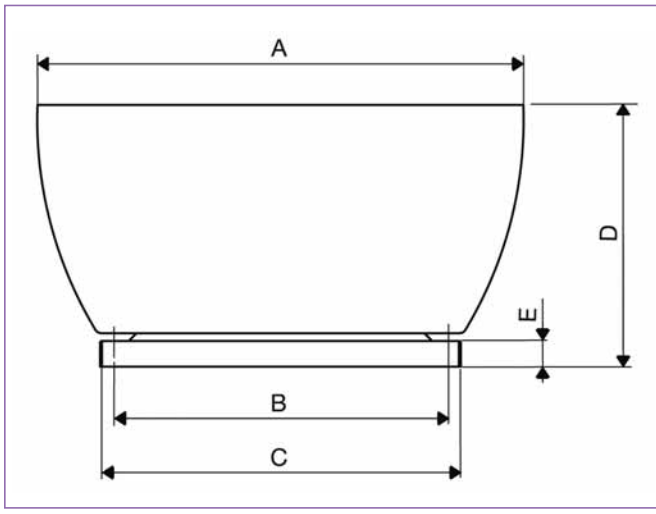
Model	ØA	B	C	D	E
225	570	245	326	223	35
250	570	245	326	223	35
280	570	330	435	250	40
315	760	330	435	333	40
355	895	450	560	356,5	40
400	895	450	560	382	40
500	1150	535	630	474	40
560	1150	590	710	See image	40
630	1150	750	905	546	50

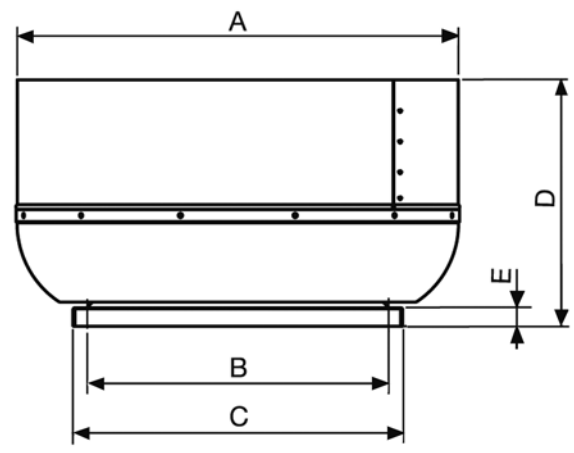
Installation CRHB/CRHT



Model of fan	① Sealing frame	② Flat roof insulated up stand	③ Acoustic up stand	④ Accessory adapter plate	⑤ Back draft shutter	⑥ Flange with spigot	⑦ Flexible coupling	⑧ Circular adapter	⑨ Support base for inclined curb mounted installations
225 250	JMS-300	JBS-300	JAA-300	JPA-300	JCA-300	JBR-300	JAE-300	JCC-300	BI-3
280 315	JMS-435	JBS-435	JAA-435	JPA-435	JCA-435	JBR-435	JAE-435	JCC-435	BI-4
355 400	JMS-560	JBS-560	JAA-560	JPA-560	JCA-560	JBR-560	JAE-560	JCC-560	BI-5
500	JMS-630	JBS-630	JAA-630	JPA-630	JCA-630	JBR-630	JAE-630	JCC-630	BI-6
560	JMS-710	JBS-710	JAA-710	JPA-710	JCA-710	JBR-710	JAE-710	–	BI-7
630	JMS-905	JBS-9050	JAA-905	JPA-905	JCA-905	JBR-9050	JAE-905	–	B-9

Dimensions CRVB/CRVT

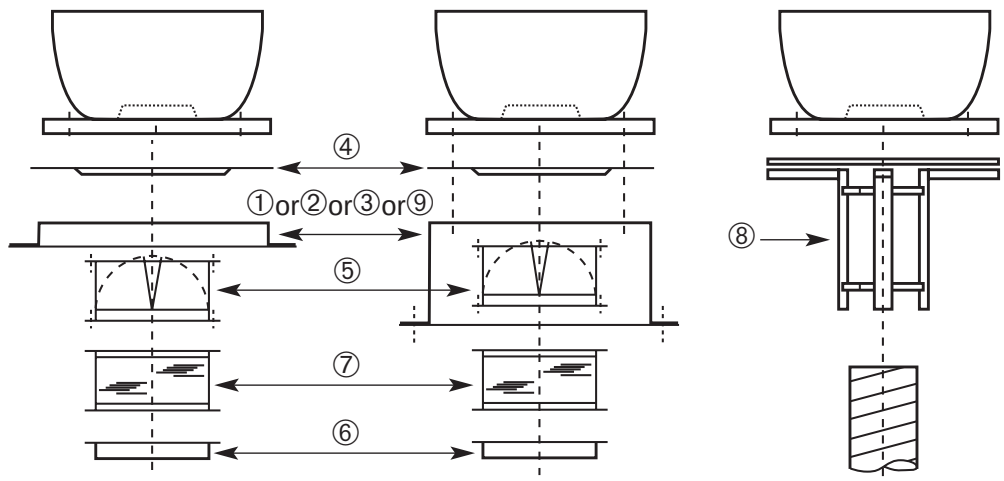




Model	ØA	B	C	D	E
225	434	245	326	257	40
250	434	245	326	257	40
280	560	330	435	317	40
315	560	330	435	347	40
355	754	450	560	407	40
400	754	450	560	407	40
500	857	535	630	471	40

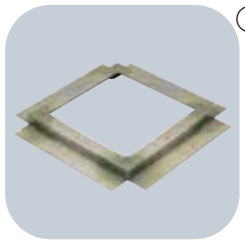
Model	ØA	B	C	D	E
560	950	590	710	481	40
630	1216	750	905	634	50

Installation CRVB/CRVT

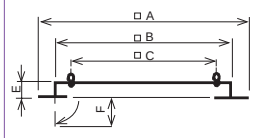


Model of fan	① Sealing frame	② Flat roof insulated up stand	③ Acoustic up stand	④ Accessory adapter plate	⑤ Back draft shutter	⑥ Flange with spigot	⑦ Flexible coupling	⑧ Circular adapter	⑨ Support base for inclined curb mounted installations
225 250	JMS-300	JBS-300	JAA-300	JPA-300	JCA-300	JBR-300	JAE-300	JCC-300	BI-3
280 315	JMS-435	JBS-435	JAA-435	JPA-435	JCA-435	JBR-435	JAE-435	JCC-435	BI-4
355 400	JMS-560	JBS-560	JAA-560	JPA-560	JCA-560	JBR-560	JAE-560	JCC-560	BI-5
500	JMS-630	JBS-630	JAA-630	JPA-630	JCA-630	JBR-630	JAE-630	JCC-630	BI-6
560	JMS-710	JBS-710	JAA-710	JPA-710	JCA-710	JBR-710	JAE-710	–	BI-7
630	JMS-905	JBS-9050	JAA-905	JPA-905	JCA-905	JBR-9050	JAE-905	–	BI-9

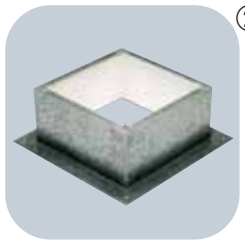
Mounting accessories



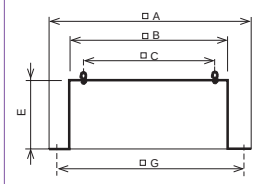
① **Sealing Frame JMS**
- For mounting a roof fan on an up stand or base
- Supplied with screws and gasket for a complete weatherproof seal.



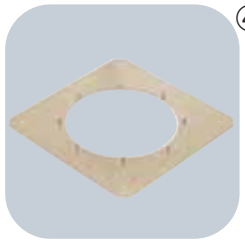
Model JMS	□ A	□ B	□ C	E	F
300	470	290	245	50	70
435	600	420	330	50	70
560	725	545	450	50	70
630	795	615	535	50	70
710	875	695	590	50	70
905	1065	885	750	60	70
1100	1260	1080	840	60	70
1250	1410	1230	950	60	70



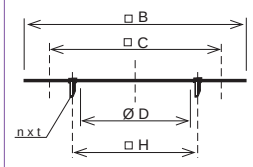
② **Flat Roof Up stand JBS**
- For mounting a fan on a flat roof without up stands
- For use on horizontal roofs
- Internal insulation to prevent condensation
- Supplied with screws and gasket for a complete weather seal



Model JBS	□ A	□ B	□ C	E	□ G
300	470	289	245	300	380
435	600	419	330	300	510
560	725	544	450	300	635
630	795	614	535	300	705
710	875	694	590	300	785
905	1065	884	750	300	975
1100	1260	1079	840	400	1170
1250	1410	1230	950	400	1320

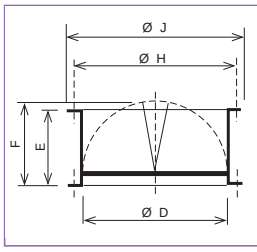


④ **Accessory Adapter Plate JPA**
- Used when mounting the accessories (JCA, JBR, JAE)
- Allows the fan to be disconnected from the upstand without having to remove the duct



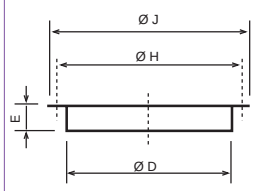
Model JPA	□ B	□ C	Ø D	nxt	Ø H
300	289	245	182	4xM6	205
435	419	330	252	4xM8	280
560	544	450	358	8xM8	395
630	614	535	403	8xM10	450
710	694	590	503	12xM10	560
905	884	750	633	12xM10	690
1100	1079	840	713	16xM10	770
1250	1230	950	1000	8xM12	1070

⑤ **Backdraft Shutter JCA**
- Prevents backdraft when the fan is not operating
- To be mounted at the fan inlet with the JPA plate

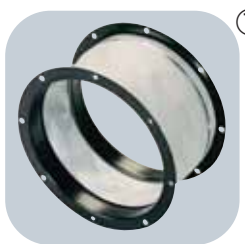


Model JCA	Ø D	E	F	Ø H	Ø J
300	182	100	124	205	219
435	252	145	174	280	300
560-N	358	210	227	395	415
630-N	403	240	250	450	474
710-N	503	285	300	560	581
905-N	633	345	365	690	714
1100-N	713	390	410	770	806
1250	1004	560	560	1070	1110

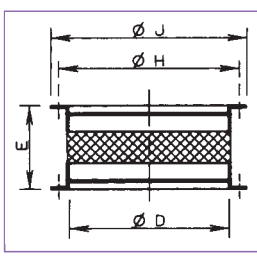
⑥ **Flange JBR**
- For use when circular connection is required directly to the fan
- To be mounted at the fan inlet with the JPA plate or fixed directly to the fan base (rivets or screws not supplied)



Model JBR	Ø D	E	Ø H	Ø J
300	182	55	205	219
435	252	55	280	300
560	358	55	395	415
630	403	63	450	474
710	503	69	560	581
905	633	69	690	714
1100	713	69	770	797
1250	1004	105	1070	1110

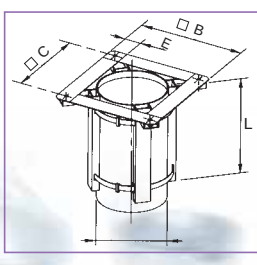


⑦ **Flexible Coupling JAE**
- Reduces the transmission of vibrations when the duct is connected directly to the fan
- To be mounted at the fan inlet with JPA plate

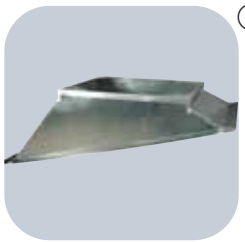


Model JAE	Ø D	E	Ø H	Ø J
300	182	254	205	219
435	252	254	280	300
560	358	254	395	415
630	403	254	450	474
710	503	254	560	581
905	633	254	690	714
1100	713	254	770	797

⑧ **Adapter For Circular Duct JCC**
- For use when fitting the models up to 400, directly to a spirally wound circular duct

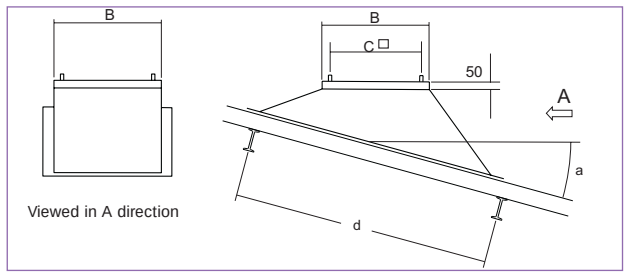


Model JCC	Ø B	Ø C	Ø D	E	L
300	290	245	180	45	350
435	390	330	250	60	350
560	520	450	355	70	350
630	605	535	400	70	350



⑨ **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

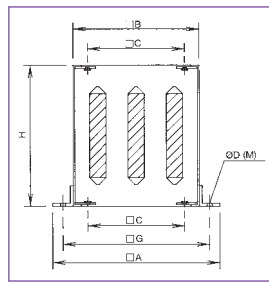


d: Distance between the roof beam profiles a: Roof pitch angle (curb)

	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

③ **Acoustic Up Stand JAA**

– 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



Mod. JAA	□ A	□ B	□ C	Ø D (M)	H	□ G
300	470	290	245	13 (MI0)	750	380
435	600	419	330	15 (MI2)	750	510
560	725	545	450	15 (MI2)	750	635
630	795	615	535	15 (MI2)	750	705
710	875	695	590	18 (MI4)	1000	785
905	1065	885	750	18 (MI4)	1000	975
1100	1260	1080	840	18 (MI4)	1000	1170

Electrical accessories

REB
Single phase electronic speed controllers.

RMB / RMT
Auto transformer speed controllers.
– For single phase and three phase roof fans.