



CL CL/PLUS

CL: Low-profile, in-line rectangular duct fans with inspection cover to aid cleaning
CL/PLUS: In-line rectangular duct fans with 50mm insulation.

Fan:

- Galvanized sheet steel casing
- Impeller with forward-facing blades made from galvanised sheet steel
- External connection box, IP-55 protection, V0 flame-retardant



CL



CL/PLUS

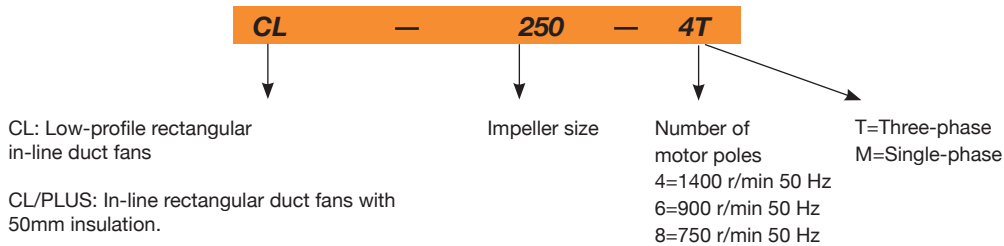
Motor:

- Motors with IE-2 efficiency, except for motors with lower powers than 0.75 kW and single-phase motors.
- Class F external rotor motors with ball bearings, IP-54 protection
- Single-phase 230 50Hz., and three-phase 230/400V. 50Hz.
- Working temperature: -20°C +50°C

Finish:

- Anticorrosive galvanized sheet steel

Order code



Technical characteristics

Model	Speed (r/min)	Maximum admissible current (A)		Installed power (kW)	Maximum airflow (m³/h)	Irradiated sound pressure level at 2/3 of Qmax dB(A) (1)	Approx. weight (Kg)
		230V	400V				
CL-200-4T	1270	0.94	0.54	0.12	1150	52	11
CL-200-4M	1150	0.68		0.08	860	51	11
CL-225-4T	1210	1.42	0.82	0.30	1700	53	17
CL-225-4M	1260	1.90		0.24	1670	53	18
CL-225-6T	720	0.73	0.42	0.08	1070	45	16
CL-225-6M	810	0.75		0.08	1080	45	16
CL-250-4T	1290	2.56	1.48	0.55	2650	55	21
CL-250-4M	1340	3.10		0.50	2350	54	23
CL-250-6T	875	1.11	0.64	0.15	1630	49	19
CL-250-6M	900	1.30		0.15	1500	48	21
CL-280-4T	1330	4.05	2.34	0.85	3100	60	30
CL-280-6T	820	1.42	0.82	0.20	2010	52	27
CL-280-6M	710	2.10		0.24	2120	53	28
CL-315-4T	1380	7.01	4.05	1.80	4160	65	44
CL-315-6T	850	2.46	1.42	0.37	2820	54	34
CL-315-6M	860	3.15		0.37	2780	54	34
CL-355-6T	840	4.54	2.62	0.85	4200	58	46
CL-355-6M	890	6.20		0.80	4070	58	53
CL-355-8T	620	2.15	1.24	0.37	3030	50	43
CL-400-6T	880	7.88	4.55	1.70	7120	63	71
CL-400-8T	620	3.67	2.12	0.70	5020	55	66
CL-450-6T	880	12.47	7.20	2.90	8900	64	94
CL-450-8T	680	7.38	4.26	1.30	7440	58	85

(1) The irradiated sound pressure levels dB(A) are free field measurements at 1 metre.

Technical characteristics

Model	Speed (r/min)	Maximum admissible current (A)		Absorbed power (kW)	Maximum airflow (m³/h)	Sound pressure level (1) at the inlet to 1/3 of Qmax dB(A)	Approx. weight (Kg)
		230V	400V				
CL/PLUS-200-4M	1180	1.80		0.36	1100	36.0	21
CL/PLUS-225-4M	1250	2.30		0.51	1650	38.0	23
CL/PLUS-250-4M	1190	3.00		0.69	1900	42.0	28
CL/PLUS-280-4M	1210	5.10		1.15	2900	47.0	37
CL/PLUS-315-4T	1300		4.10	2.50	5050	52.0	47
CL/PLUS-355-4T	1320		6.00	3.70	6300	58.0	78
CL/PLUS-400-4T	1330		8.10	5.00	7100	61.0	99
CL/PLUS-400-6T	830		4.90	2.70	7050	50.8	59
CL/PLUS-450-4T	1330		8.10	5.00	7200	62.0	111
CL/PLUS-450-6T	830		4.90	2.70	7800	51.8	60

(1) The sound pressure levels dB(A) at the inlet are free field measurements at 1 metres.



Erp. BEP (best efficiency point) characteristics

MC	Measurement category	ηe[%]	Efficiency
EC	Efficiency category	N	Efficiency grade
S	Static	[kW]	Input power
T	Total	[m³/h]	Airflow
VSD	Variable-speed drive	[mmH₂O]	Static or total pressure (According to EC)
SR	Specific ratio	[RPM]	Speed

Model	MC	EC	VSD	SR	ηe[%]	N	(kW)	(m³/h)	(mmH₂O)	(RPM)
CL-200-4M	-	-	-	-	-	-	0.124	561	20.3	1200
CL-225-4T	A	S	NO	1.00	34.8%	45.9	0.175	774	28.8	1357
CL-225-4M	A	S	NO	1.00	28.6%	38.6	0.258	920	29.4	1332
CL-225-6T	-	-	-	-	-	-	0.120	592	12.6	832
CL-225-6M	-	-	-	-	-	-	0.122	671	12.3	846
CL-250-4T	A	S	NO	1.00	37.2%	46.0	0.397	1300	41.7	1372
CL-250-4M	A	S	NO	1.00	30.2%	38.7	0.457	1281	39.6	1376
CL-250-6T	-	-	-	-	-	-	0.100	696	19.0	929
CL-280-4T	A	S	NO	1.01	38.6%	46.1	0.660	1719	54.4	1389
CL-280-6T	A	S	NO	1.00	35.6%	46.0	0.233	1220	25.0	883
CL-280-6M	A	S	NO	1.00	28.9%	38.6	0.287	1318	23.1	800
CL-315-4T	A	S	NO	1.01	32.4%	38.8	0.991	2053	57.4	1419
CL-315-6T	A	S	NO	1.00	29.8%	38.7	0.392	1556	27.5	900
CL-315-6M	A	S	NO	1.00	29.9%	38.7	0.418	1655	27.7	895
CL-355-6T	A	S	NO	1.00	37.7%	46.1	0.482	1880	35.5	913
CL-355-6M	A	S	NO	1.00	31.2%	38.7	0.654	2186	34.3	921
CL-355-8T	A	S	NO	1.00	27.7%	38.6	0.191	909	21.4	678
CL-400-6T	A	S	NO	1.00	40.1%	46.2	1.111	3446	47.5	919
CL-400-8T	A	S	NO	1.00	38.1%	46.1	0.550	2680	28.7	662
CL-450-6T	A	S	NO	1.01	41.1%	46.2	1.521	3900	58.7	923
CL-450-8T	A	S	NO	1.00	39.4%	46.2	0.870	3560	35.4	693
CL/PLUS-225-4M	A	S	NO	1.00	27.3%	37.4	0.257	1050	24.6	1323
CL/PLUS-280-4M	A	S	NO	1.00	34.9%	44.2	0.338	889	48.7	1336
CL/PLUS-315-4T	A	S	NO	1.01	38.8%	45.9	0.755	1625	66.2	1355
CL/PLUS-355-4T	A	S	NO	1.01	41.2%	46.3	1.567	2893	81.9	1364
CL/PLUS-400-4T	A	S	NO	1.01	44.3%	47.9	2.809	5692	80.2	1359
CL/PLUS-400-6T	A	S	NO	1.00	42.2%	48.2	1.128	4363	40.0	841
CL/PLUS-450-4T	A	S	NO	1.01	44.4%	47.9	2.809	4322	105.9	1359
CL/PLUS-450-6T	A	S	NO	1.00	42.2%	48.2	1.128	3733	46.8	842

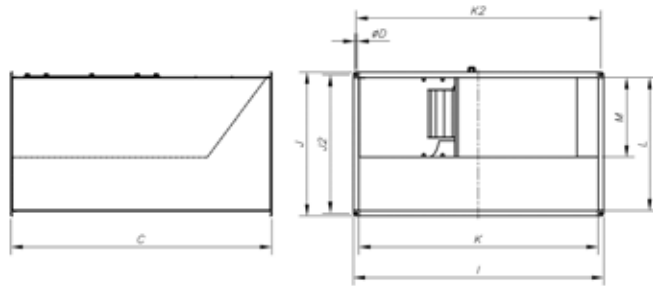
Acoustic features

Sound power Lw(A) spectrum in dB(A) via frequency band in Hz.

Model	63	125	250	500	1000	2000	4000	8000	Model	63	125	250	500	1000	2000	4000	8000
200-4	44	49	52	53	55	52	48	42	CL/PLUS-200-4M	20	22	31	37	40	37	35	35
225-4	45	50	53	54	56	53	49	43	CL/PLUS-225-4M	29	27	33	43	44	38	42	40
225-6	38	43	46	47	47	44	40	34	CL/PLUS-250-4M	34	33	37	43	44	39	39	35
250-4	47	52	55	56	58	55	51	45	CL/PLUS-280-4M	44	37	41	44	48	44	41	40
250-6	42	47	50	51	51	48	44	38	CL/PLUS-315-4T	36	41	40	47	53	48	48	47
280-4	52	57	60	61	63	60	56	50	CL/PLUS-355-4T	41	41	49	55	58	54	52	51
280-6	45	50	53	54	54	51	47	41	CL/PLUS-400-4T	47	48	50	56	63	56	53	53
315-4	57	62	65	66	68	65	61	55	CL/PLUS-400-6T	37	38	40	46	53	46	43	43
315-6	47	52	55	56	56	53	49	43	CL/PLUS-450-4T	45	49	51	59	63	56	53	53
355-6	51	56	59	60	60	57	53	47	CL/PLUS-450-6T	35	39	41	49	53	46	43	43
355-8	43	48	50	53	51	48	44	39									
400-6	56	61	64	65	65	62	58	52									
400-8	48	53	55	58	56	53	49	44									
450-6	57	62	65	66	66	63	59	53									
450-8	51	56	58	61	59	56	52	47									

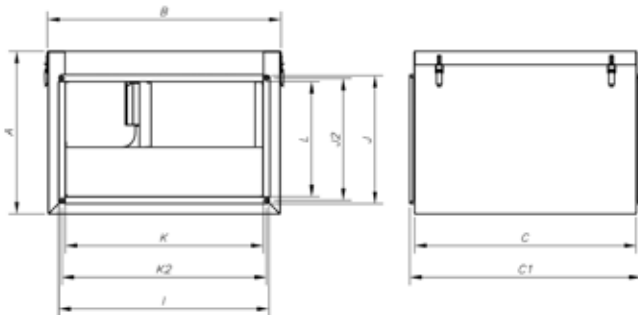
Dimensions in mm

CL



Model	C	øD	I	J	J2	K	k2	L	M
CL-200	450	ø9	440	240	220	400	420	200	115
CL-225	530	ø9	540	290	270	500	520	250	142
CL-250	560	ø9	540	340	320	500	520	300	155
CL-280	640	ø9	640	340	320	600	620	300	165
CL-315	700	ø9	640	390	370	600	620	350	175
CL-355	780	ø9	470	440	420	700	720	400	202
CL-400	880	ø9	840	540	520	800	820	500	285
CL-450	980	ø9	1040	540	520	1000	1020	500	300

CL/PLUS

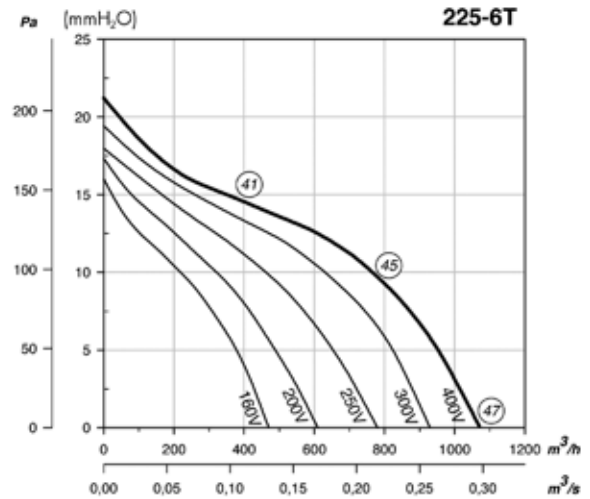
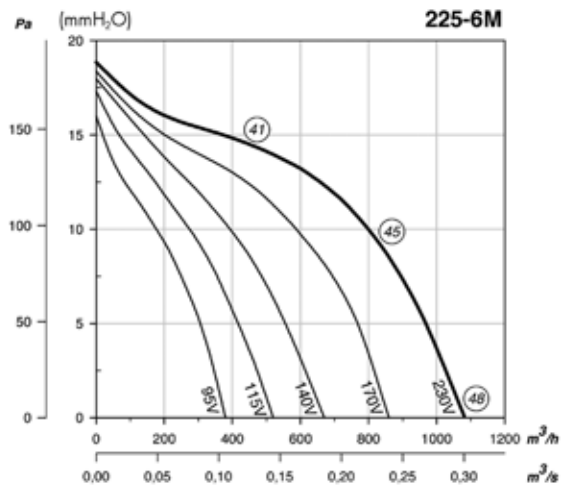
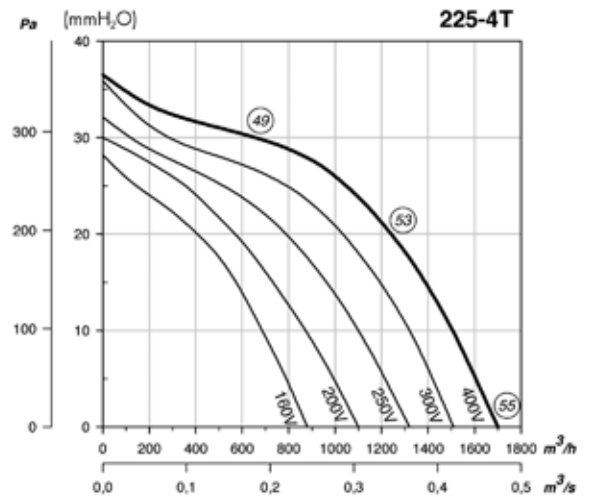
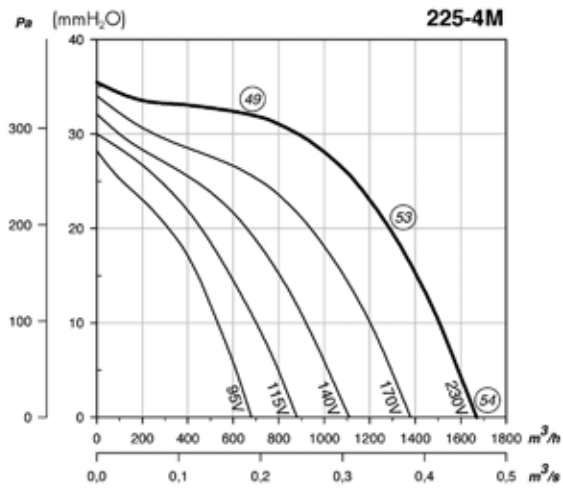
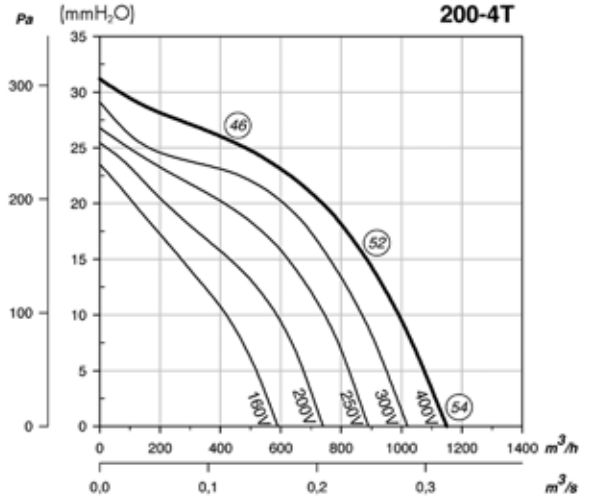
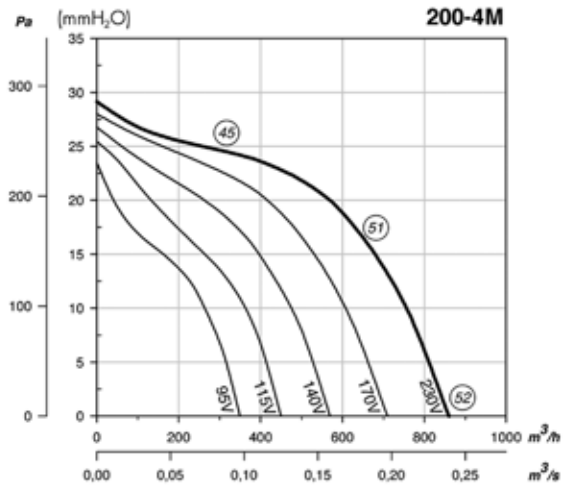


Model	A	B	C	C1	I	J	J2	K	K2	L
CL/PLUS-200	338	507	417	445	440	240	220	400	420	200
CL/PLUS-225	393	605	502	530	540	290	270	500	520	250
CL/PLUS-250	443	605	532	560	540	340	320	500	520	300
CL/PLUS-280	443	705	612	640	640	340	320	600	620	300
CL/PLUS-315	493	705	672	700	640	390	370	600	620	350
CL/PLUS-355	562	811	752	780	740	440	420	700	720	400
CL/PLUS-400	662	911	852	880	840	540	520	800	820	500
CL/PLUS-450	662	1110	952	980	1040	540	520	1000	1020	600

Characteristic Curves

Q = Airflow in m³/h and m³/s Pe= Static pressure in mm.w.c. and Pa
 The radiated sound levels given on the curves are free field pressure measurements at 1 metres.

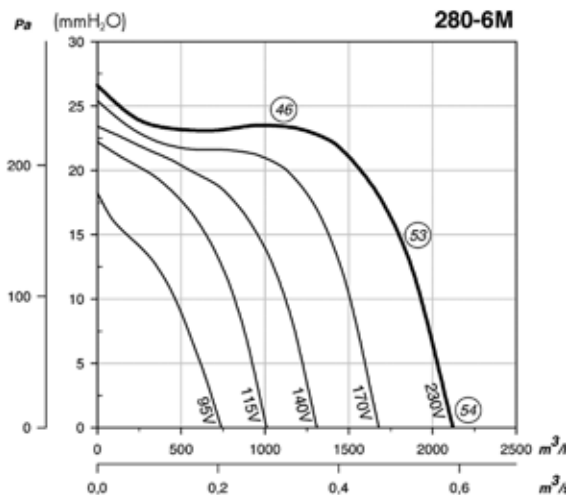
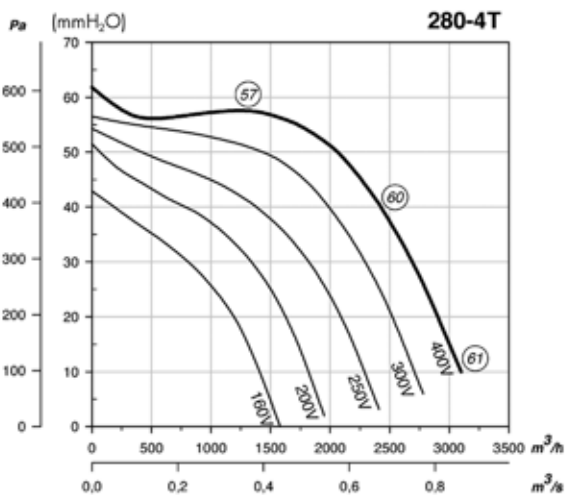
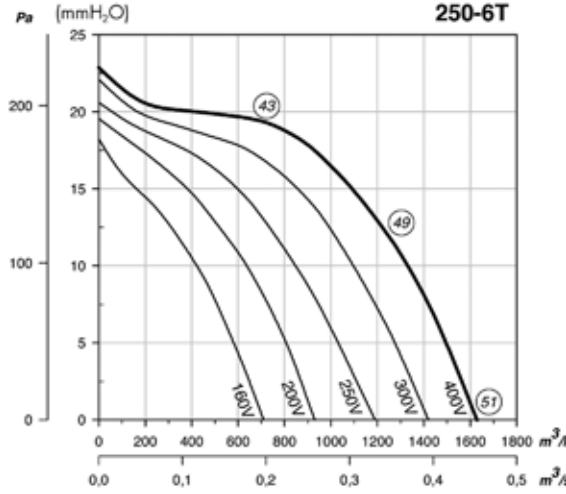
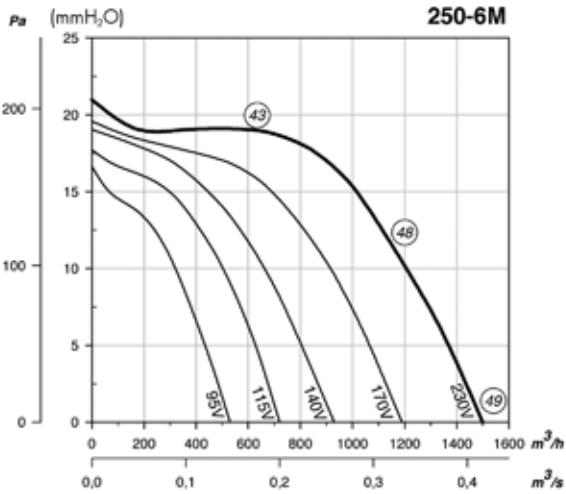
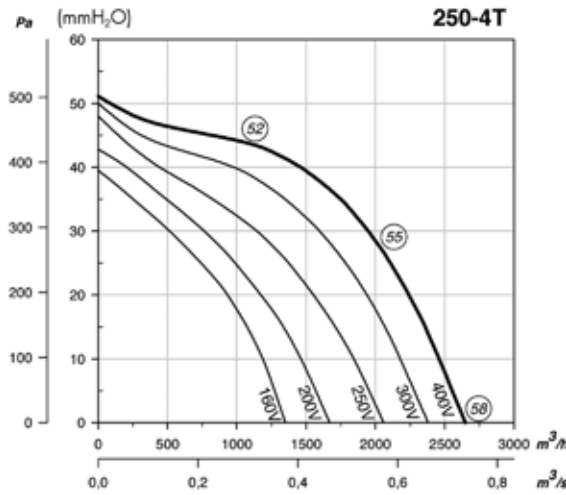
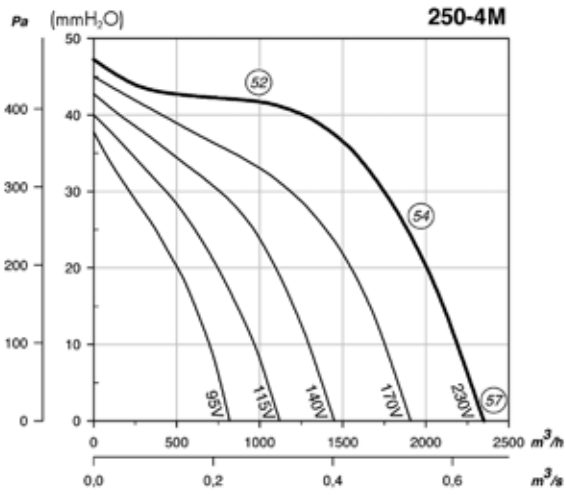
CL



Characteristic Curves

Q = Airflow in m³/h and m³/s Pe= Static pressure in mm.w.c. and Pa
 The radiated sound levels given on the curves are free field pressure measurements at 1 metres.

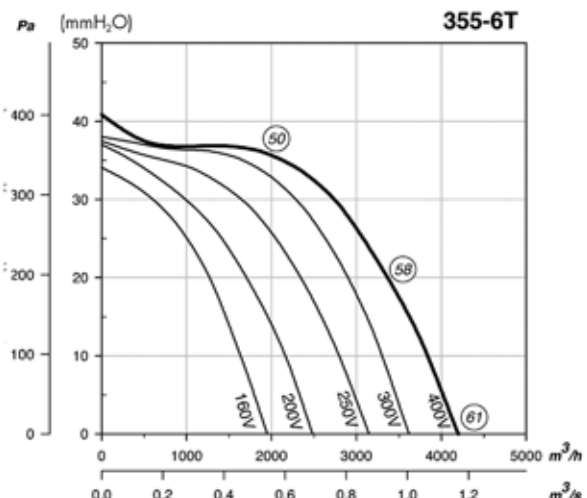
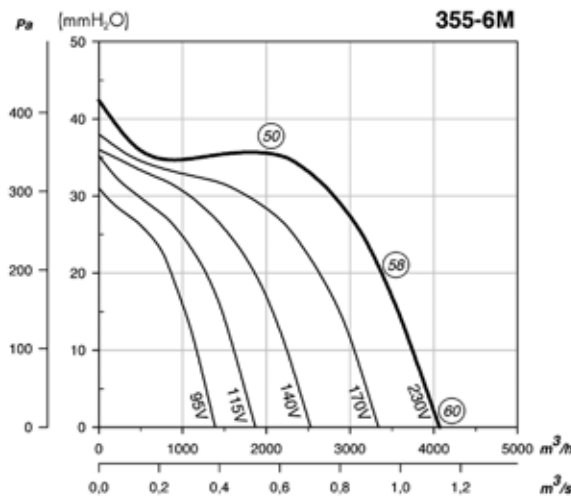
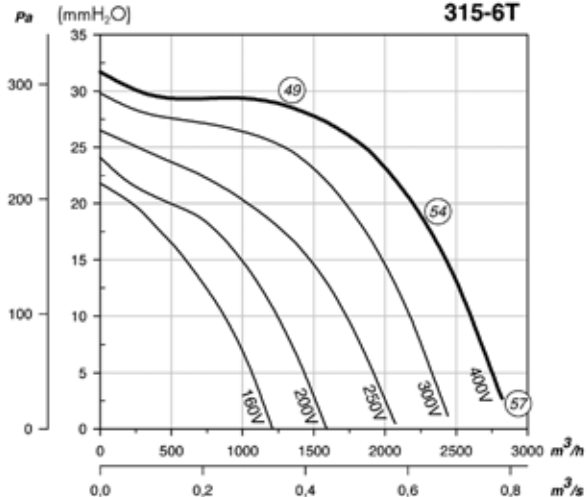
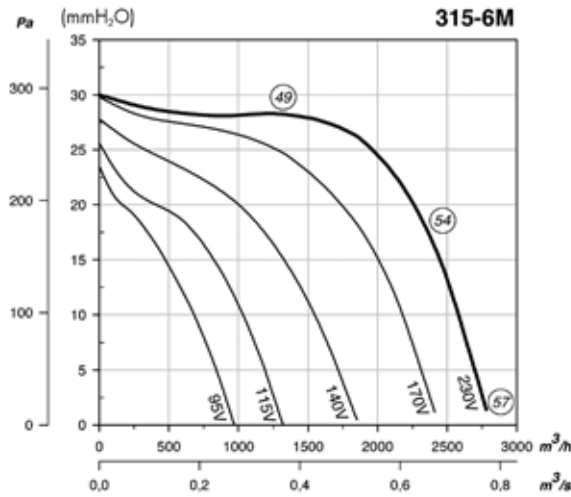
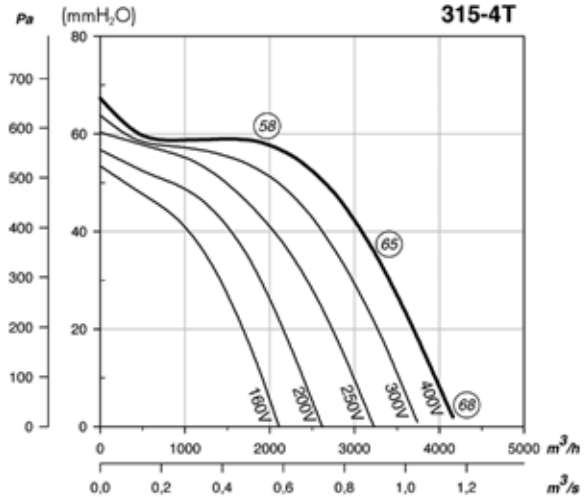
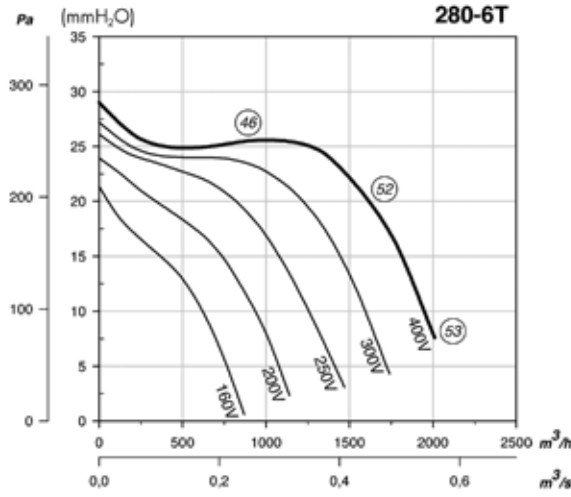
CL



Characteristic Curves

Q = Airflow in m³/h and m³/s Pe= Static pressure in mm.w.c. and Pa
 The radiated sound levels given on the curves are free field pressure measurements at 1 metres.

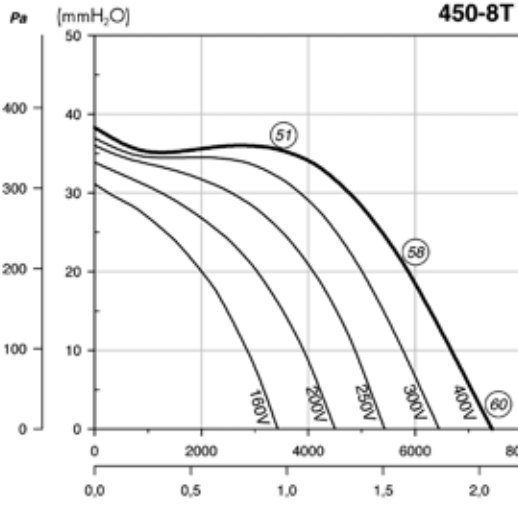
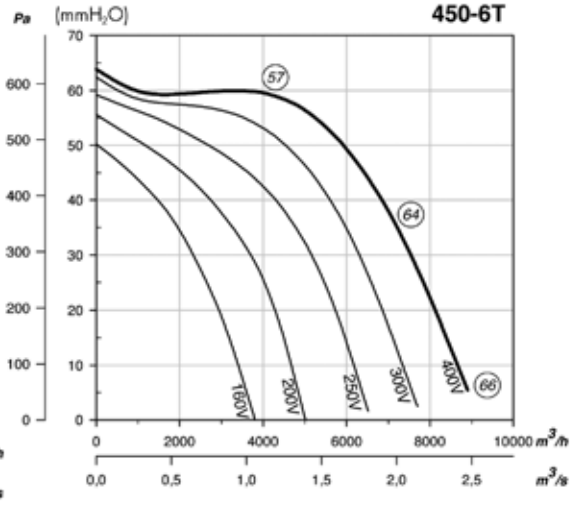
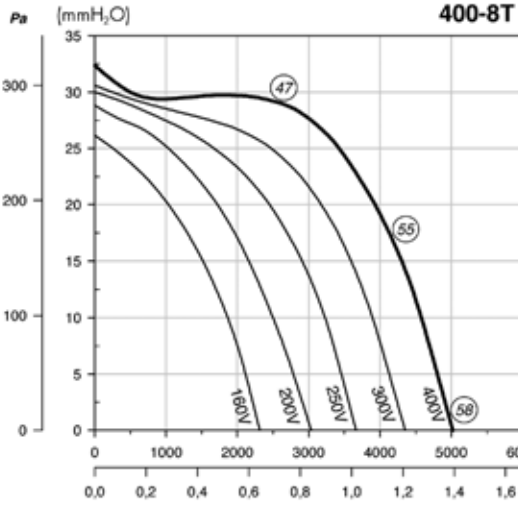
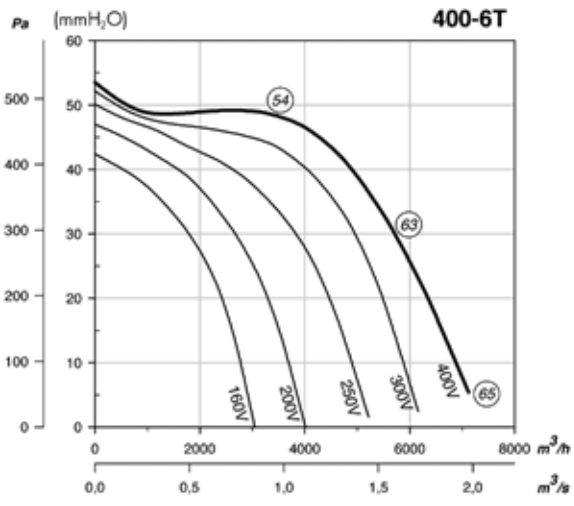
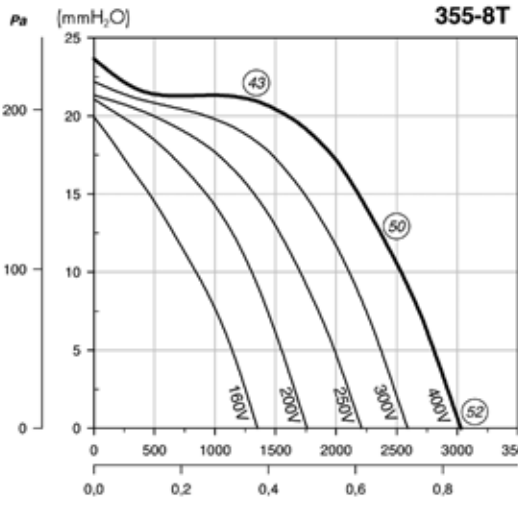
CL



Characteristic Curves

Q = Airflow in m³/h and m³/s Pe= Static pressure in mm.w.c. and Pa
 The radiated sound levels given on the curves are free field pressure measurements at 1 metres.

CL

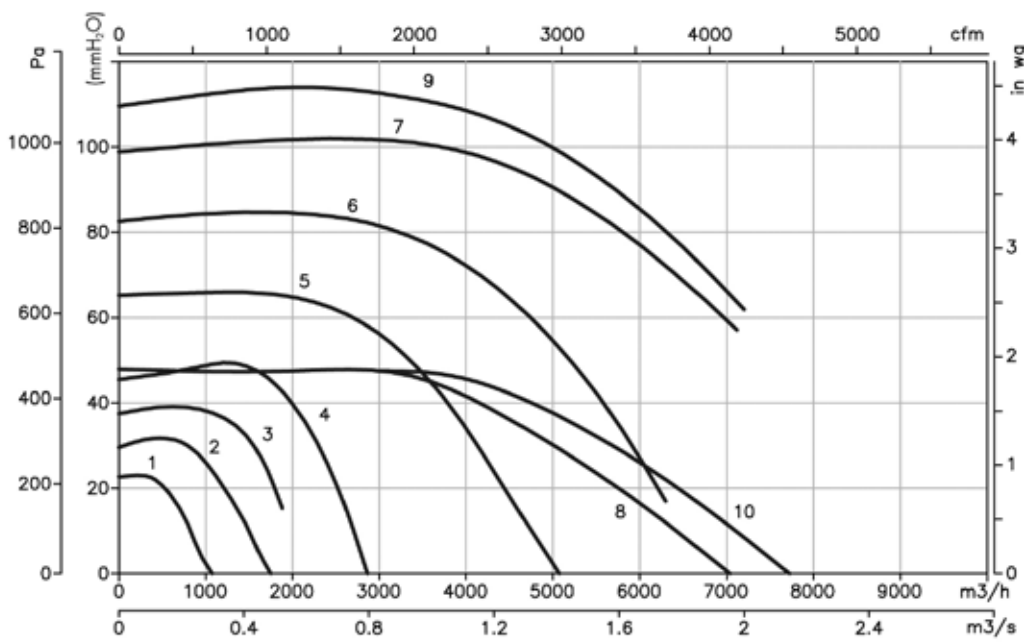


Characteristic Curves

Q = Airflow in m³/h and m³/s

Pe= Static pressure in mm.w.c. and Pa

CL/PLUS



- 1.CL/PLUS-200-4M
- 2.CL/PLUS-225-4M
- 3.CL/PLUS-250-4M
- 4.CL/PLUS-280-4M
- 5.CL/PLUS-315-4T
- 6.CL/PLUS-355-4T
- 7.CL/PLUS-400-4T
- 8.CL/PLUS-400-6T
- 9.CL/PLUS-450-4T
- 10.CL/PLUS-450-6T

Accessories

See accessories section.

