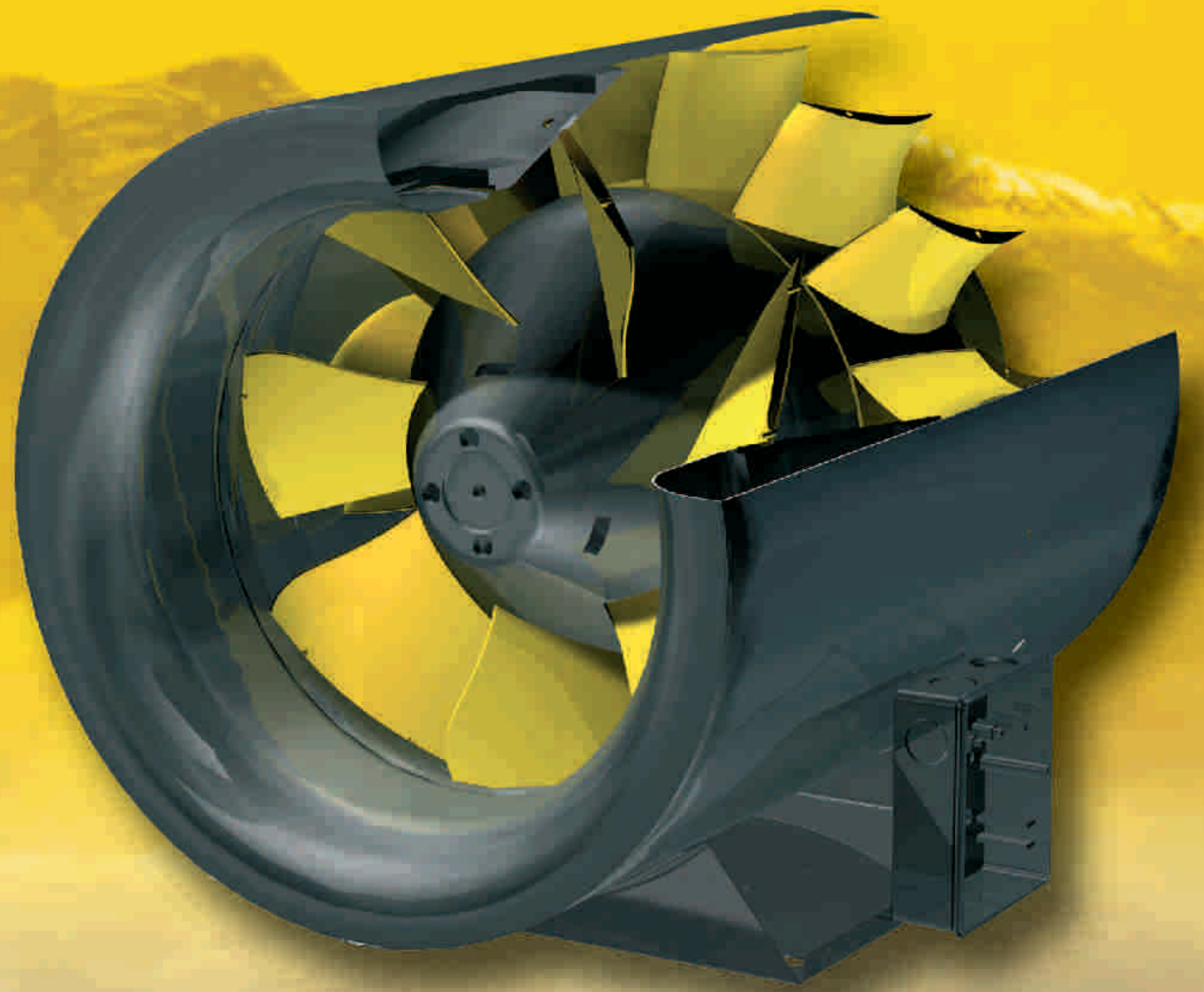




ETALINE the energy saving fan

ETALINE saves ENERGY

ETALINE has the highest fan efficiency and thus the lowest power consumption compared to all fans in its power class. The efficiency is about 50% higher than that of conventional tube fans.

ETALINE saves SPACE

The high power density of the ETALINE favours compact dimensions—the fan housing is exactly the duct connection. Additional mounting space is not required.

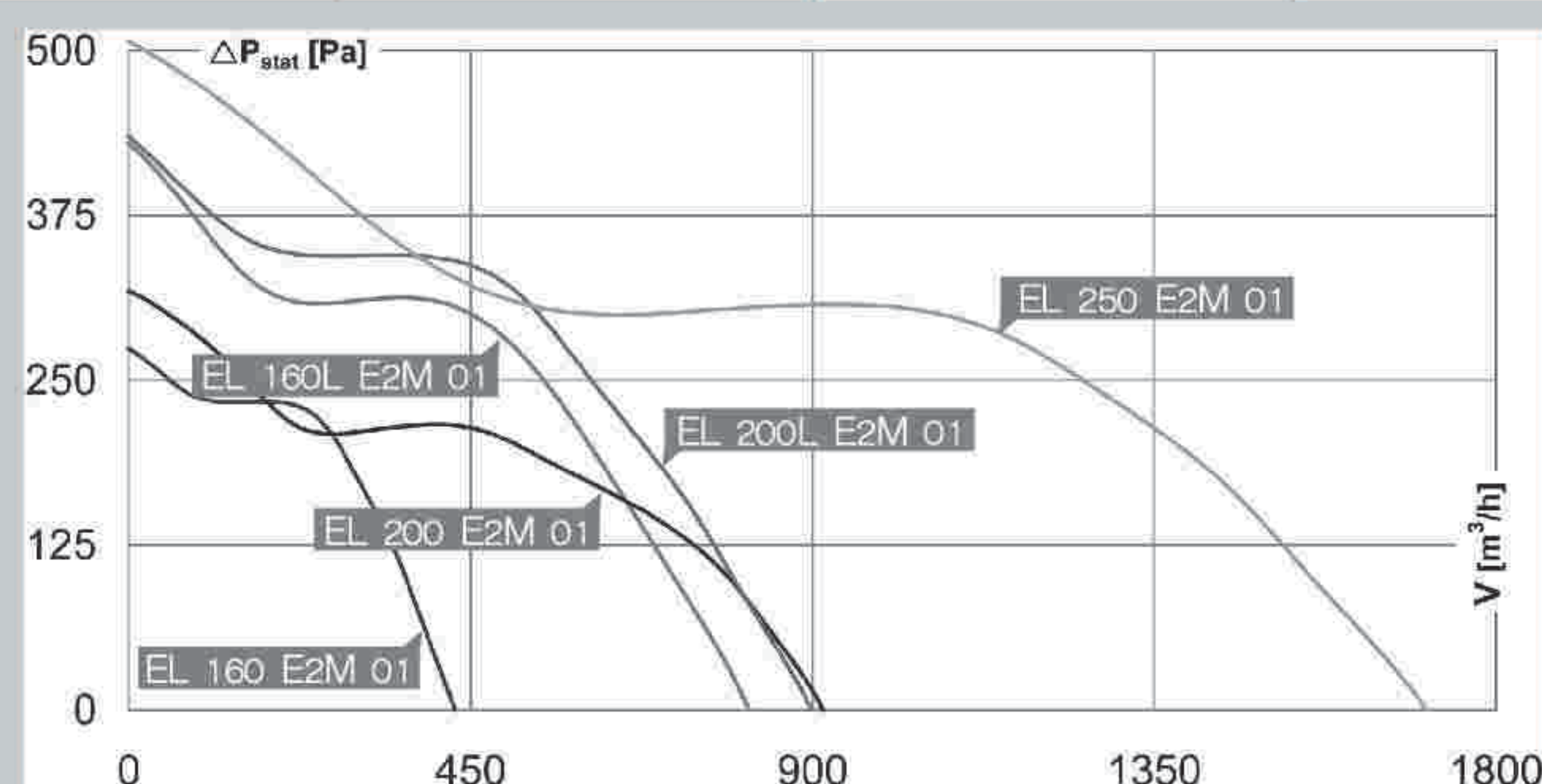
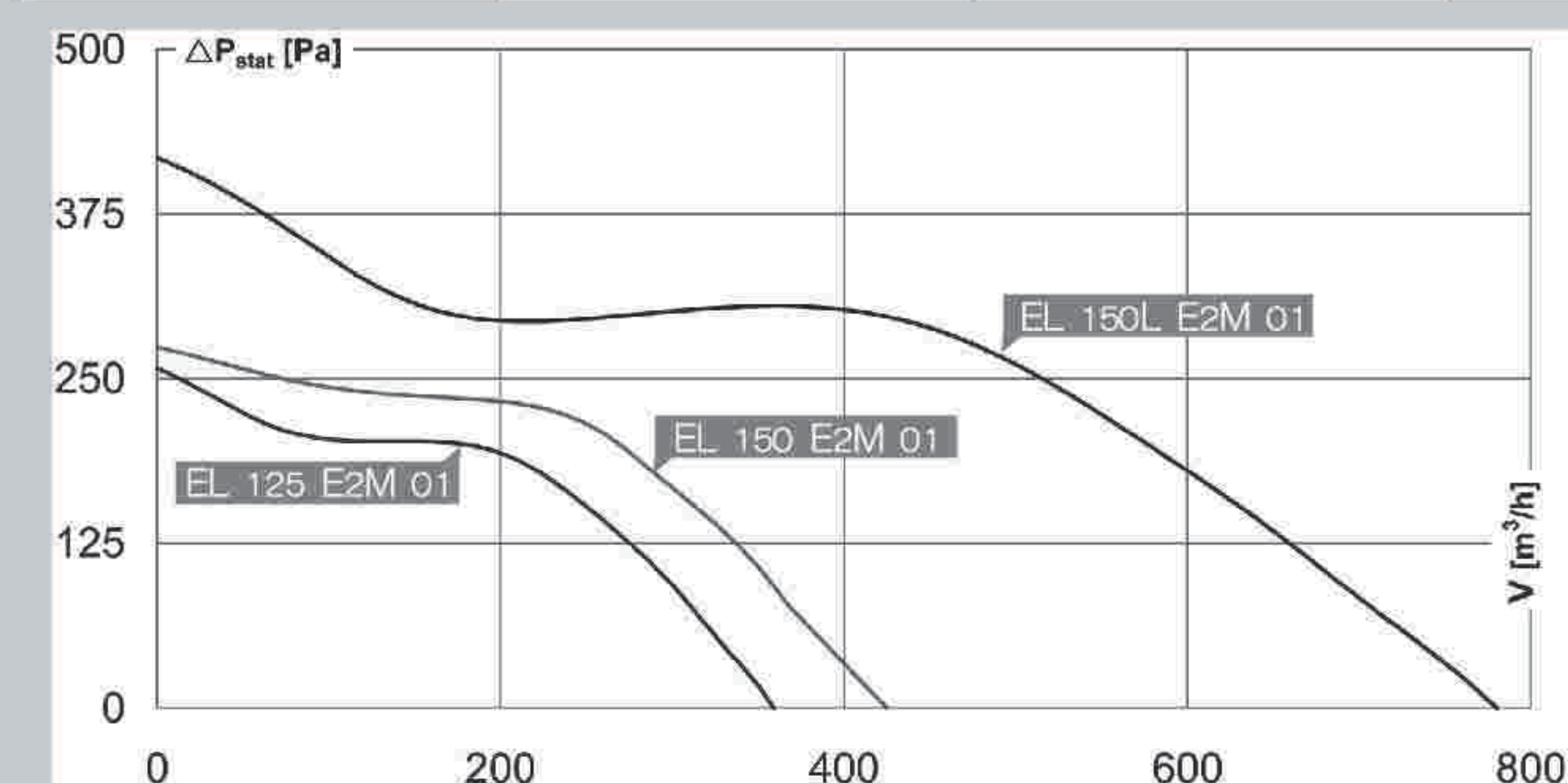
ETALINE saves MONEY

About 70% to 90% of the total costs of a fan are allotted to cost of electricity. With ETALINE these are reduced by more than 30%! Even more : Despite the superior product feature ETALINE is astonishingly inexpensive.

- Mixed Flow FAN with guide vanes
- Integrated thermal contact in 1~ and 3~ motors
- Current monitoring with EC-motors
- Junction box with cable gland IP44 in 1~ motors
- Maintenance-free, long-life ball bearings

EL ETALINE, 3-step

125 mm	150 mm	150 mm	160 mm	160 mm	200 mm	200 mm	250 mm
EL 125 E2M 01 ID 122230	EL 150 E2M 01 ID 122229	EL 150L E2M 01 ID 122228	EL 160 E2M 01 ID 121746	EL 160L E2M 01 ID 122227	EL 200 E2M 01 ID 122239	EL 200L E2M 01 ID 121747	EL 250 E2M 01 ID 122238
230V~/50Hz 80°C 360 m³/h 52W 0,2A 67/67/56 db(A)	230V~/50Hz 80°C 425 m³/h 51W 0,2A 65/67/54 db(A)	230V~/50Hz 50°C 780 m³/h 130W 0,6A 72/72/63 db(A)	230V~/50Hz 80°C 430 m³/h 52W 0,2A 64/66/54 db(A)	230V~/50Hz 50°C 820 m³/h 130W 0,6A 69/70/62 db(A)	230V~/50Hz 60°C 910 m³/h 110W 0,5A 72/75/61 db(A)	230V~/50Hz 50°C 900 m³/h 130W 0,6A 70/72/62 db(A)	230V~/50Hz 50°C 1710 m³/h 180W 0,8A



EL ETALINE, 3-step

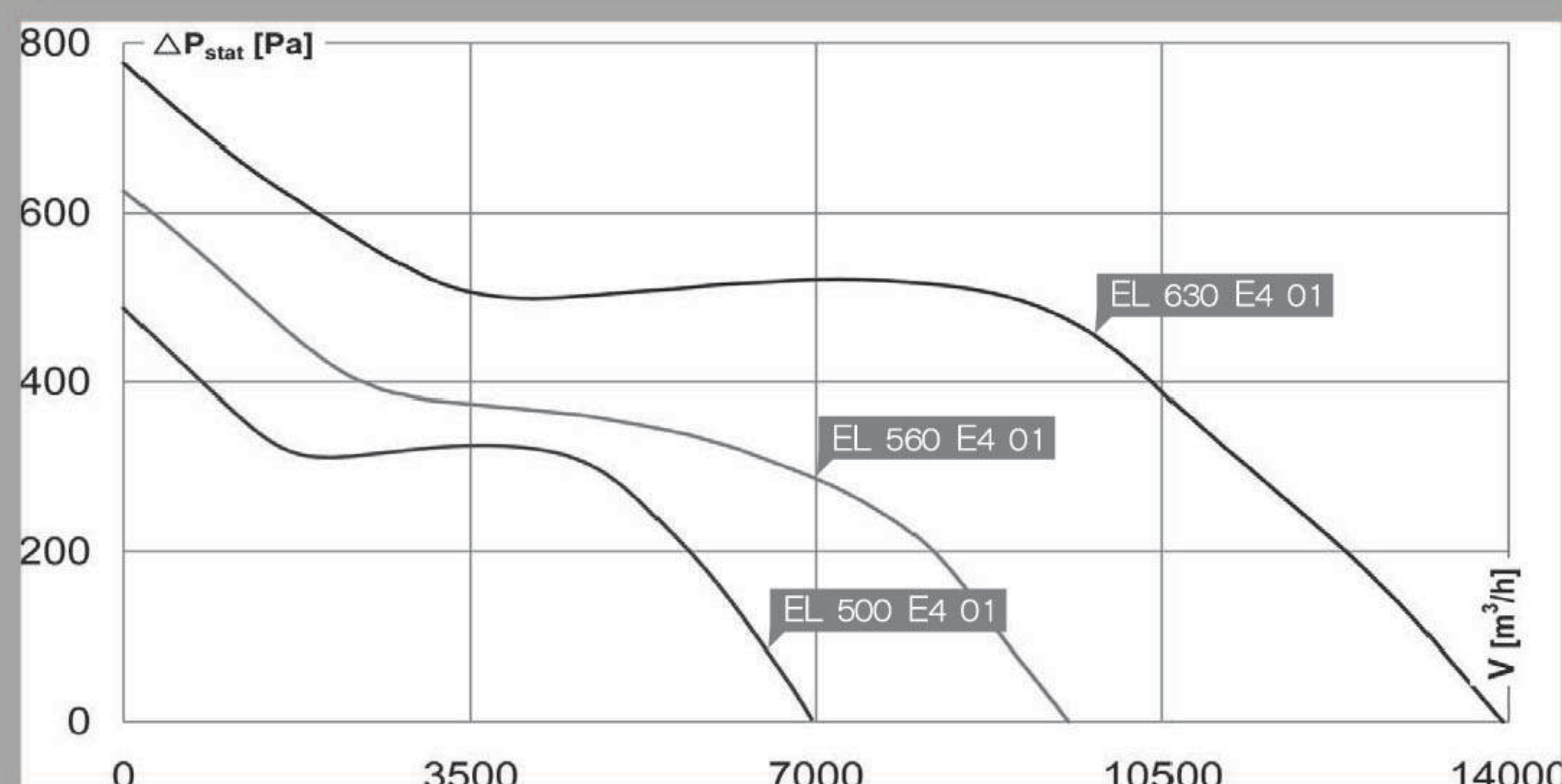
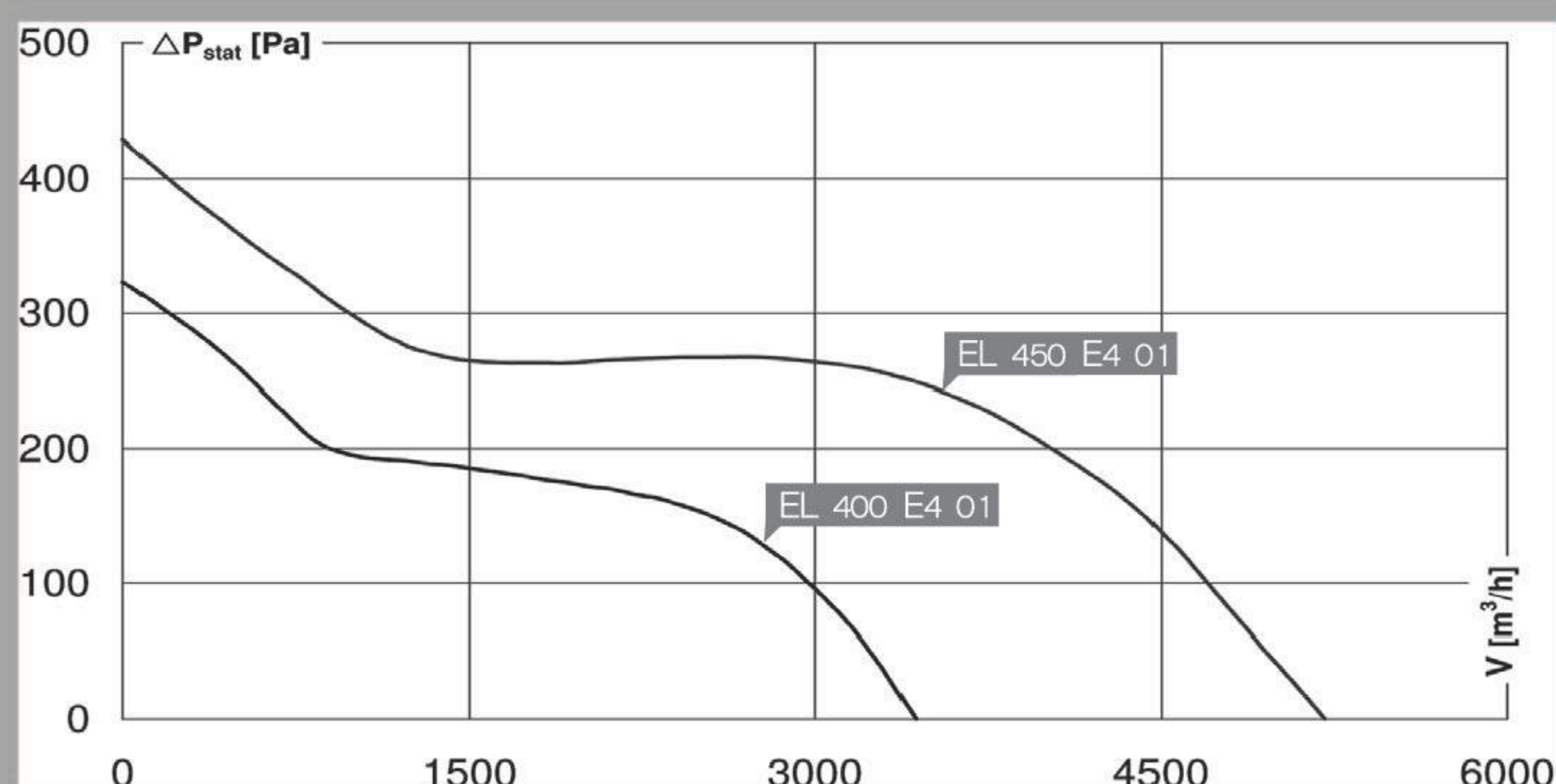
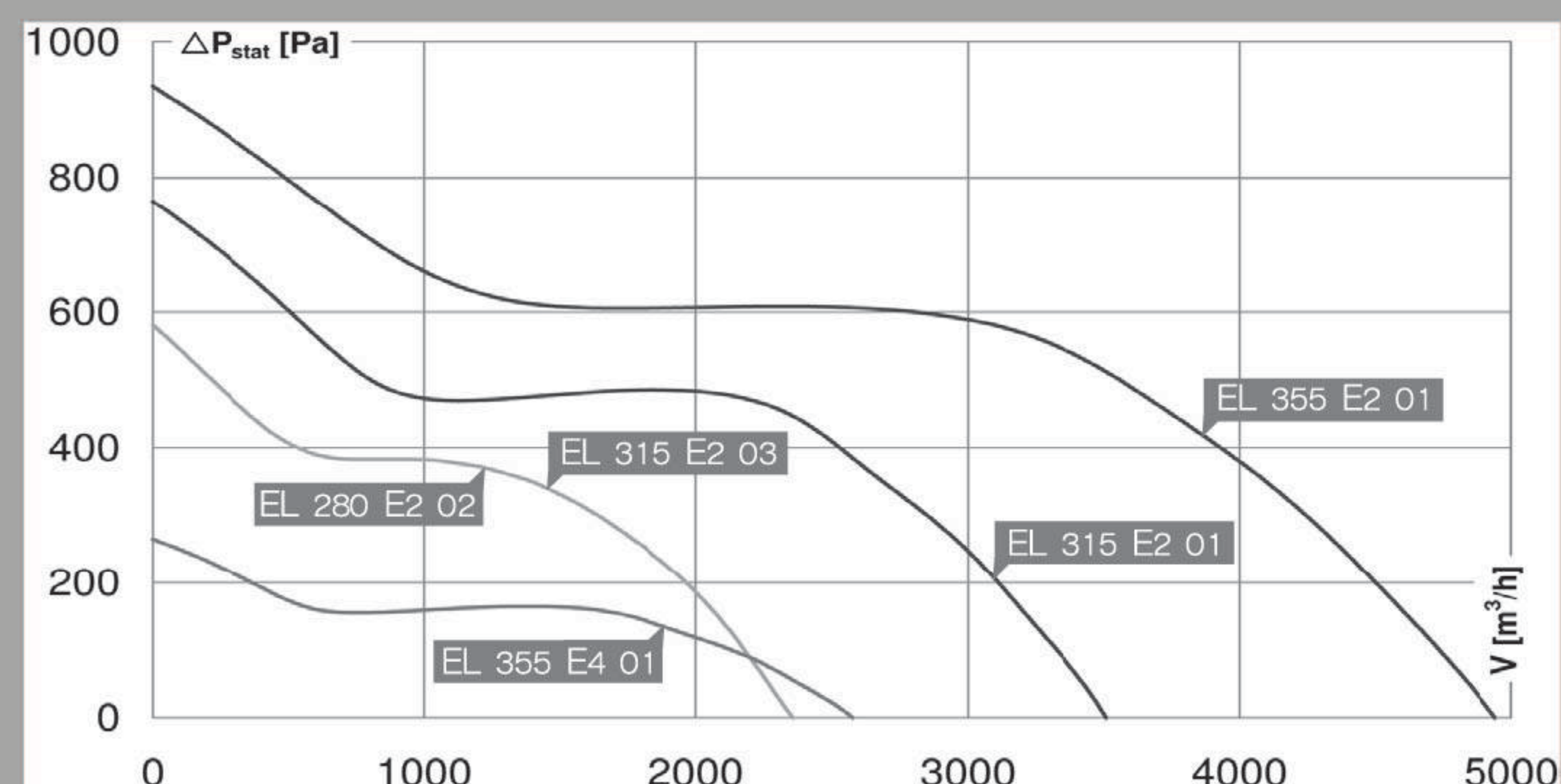
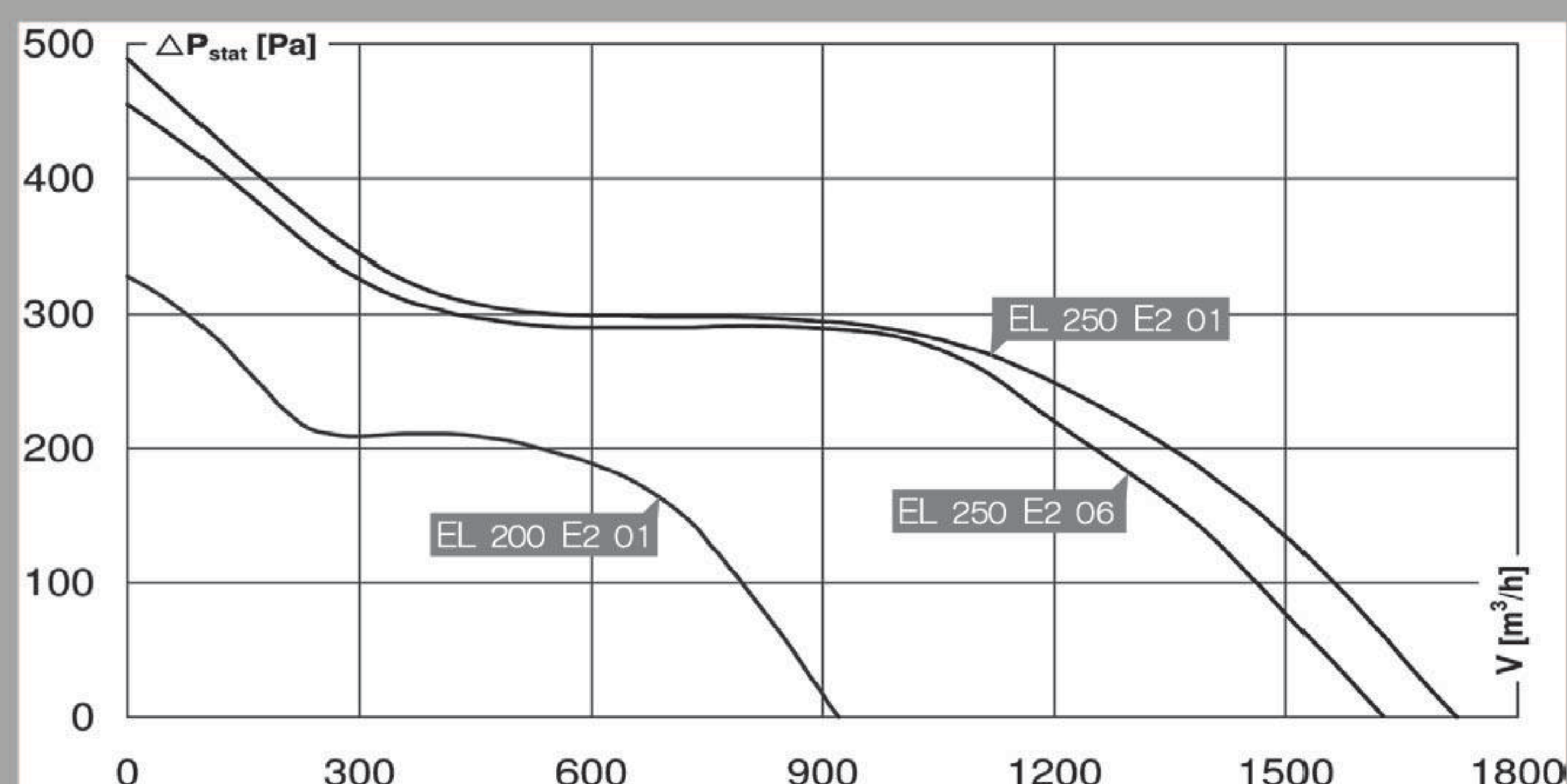
EL ETALINE, 230V voltage controllable

230V ~, 50 Hz

200 mm	250 mm	250 mm	280 mm	315 mm	315 mm	355 mm	355 mm
EL 200 E2 01 ID 116527	EL 250 E2 06 ID 116227	EL 250 E2 01 ID 112382	EL 280 E2 02 ID 115334	EL 315 E2 03 ID 117010	EL 315 E2 01 ID 112202	EL 355 E4 01 ID 112369	EL 355 E2 01 ID 112757
230V~/50Hz 45°C 920 m³/h 100W 0,5A 72/76/60 db(A)	230V~/50Hz 50°C 1625 m³/h 160W 0,8A 70/74/49 db(A)	230V~/50Hz 55°C 1740 m³/h 180W 1,0A 72/78/54 db(A)	230V~/50Hz 55°C 2360 m³/h 270W 1,6A 75/79/57 db(A)	230V~/50Hz 55°C 2360 m³/h 270W 1,6A 75/79/56 db(A)	230V~/50Hz 70°C 3510 m³/h 530W 3,2A 76/81/61 db(A)	230V~/50Hz 80°C 2580 m³/h 150W 1,0A 64/67/48 db(A)	230V~/50Hz 45°C 4940 m³/h 960W 5,4A 79/83/63 db(A)

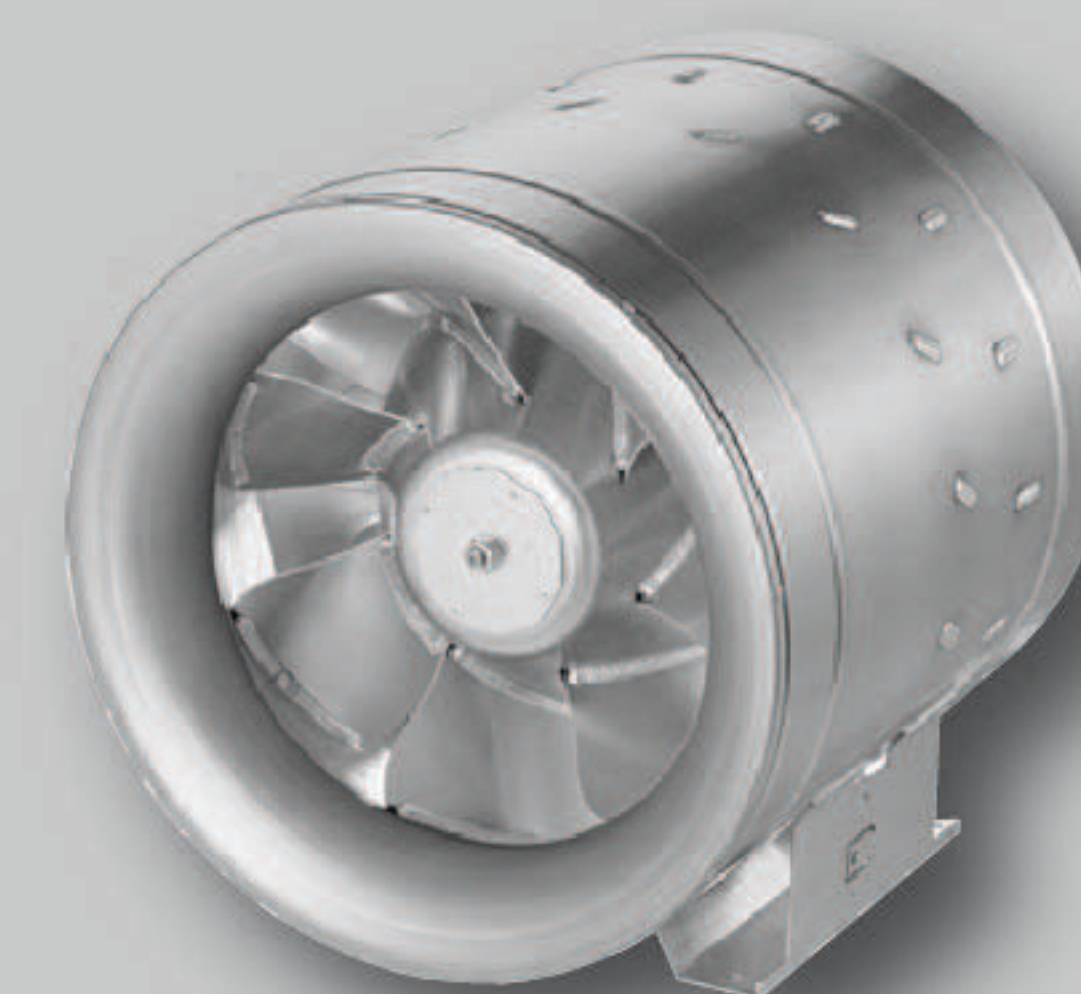
400 mm	450 mm	500 mm	560 mm	630 mm
EL 400 E4 01 ID 119380	EL 450 E4 01 ID 119336	EL 500 E4 01 ID 118061	EL 560 E4 01 ID 119349	EL 630 E4 01 ID 119324
230V~/50Hz 80°C 3440 m³/h 215 W 1,5 A 70/75/61 db(A)	230V~/50Hz 80°C 5210 m³/h 450 W 3,1 A 72/77/66 db(A)	230V~/50Hz 80°C 6950 m³/h 740 W 4,2 A 75/77/68 db(A)	230V~/50Hz 80°C 9550 m³/h 1.120 W 7,6 A 83/87/79 db(A)	230V~/50Hz 50°C 13940 m³/h 2.140 W 11,4 A 84/86/77 db(A)





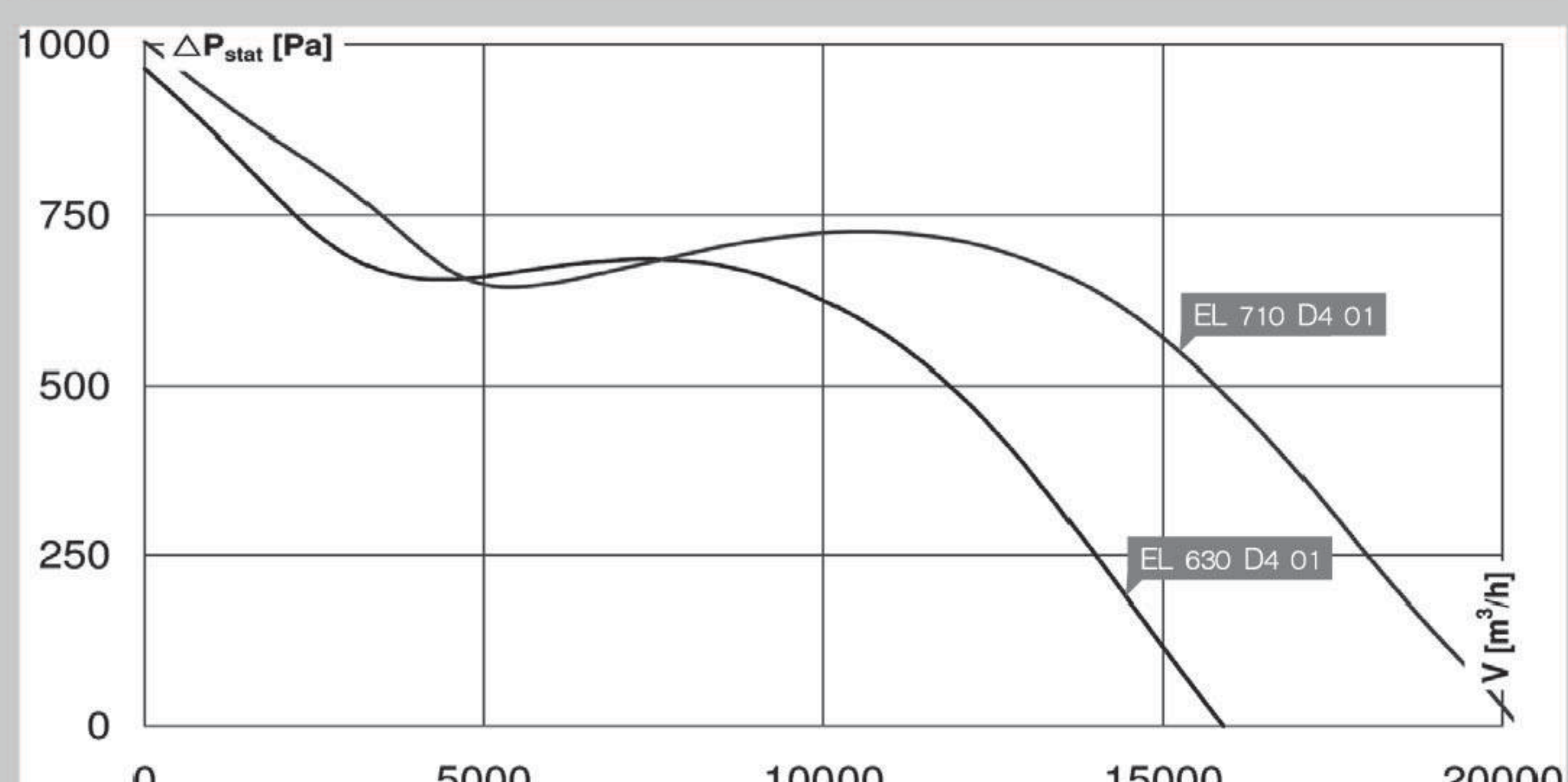
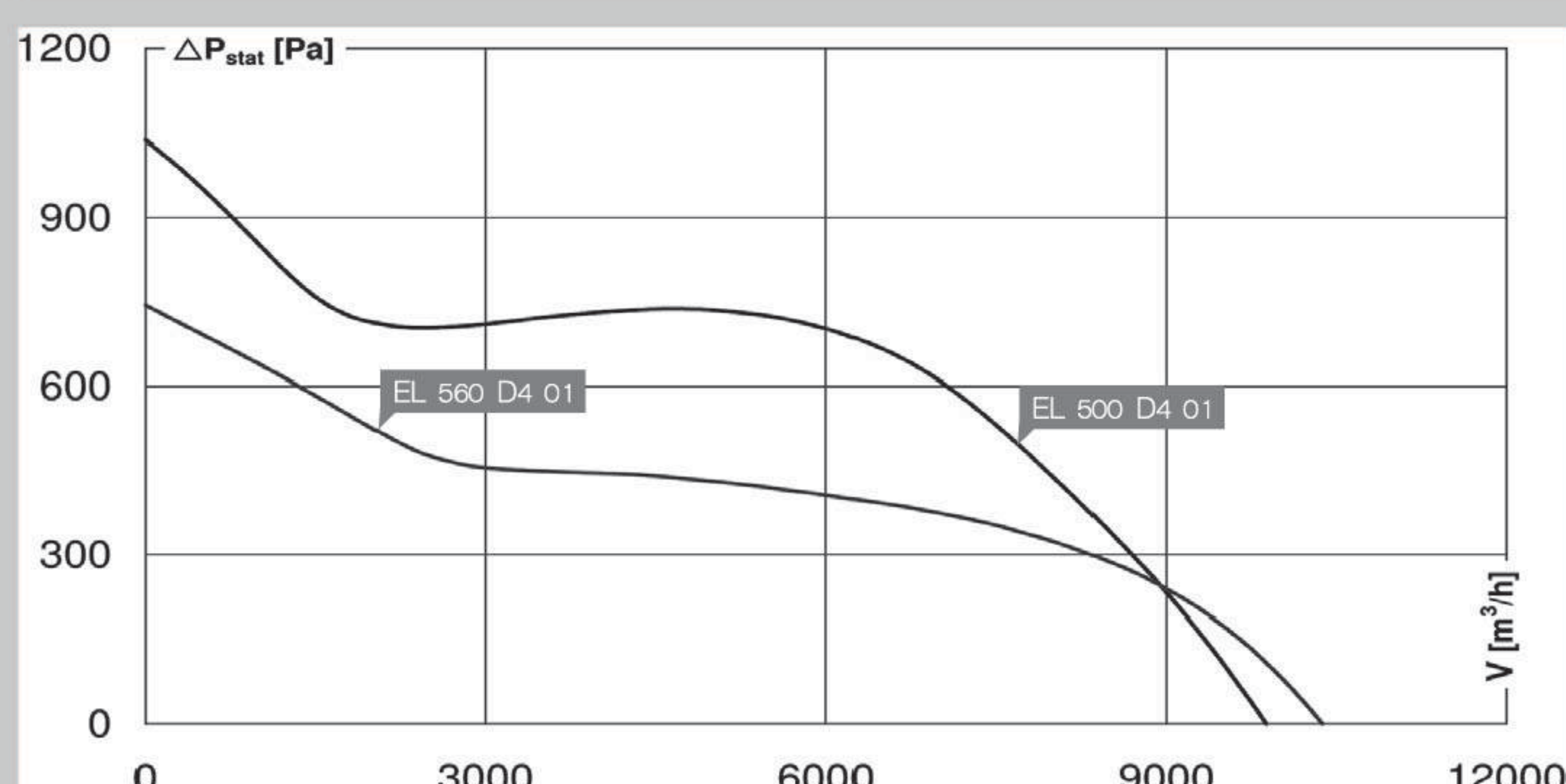
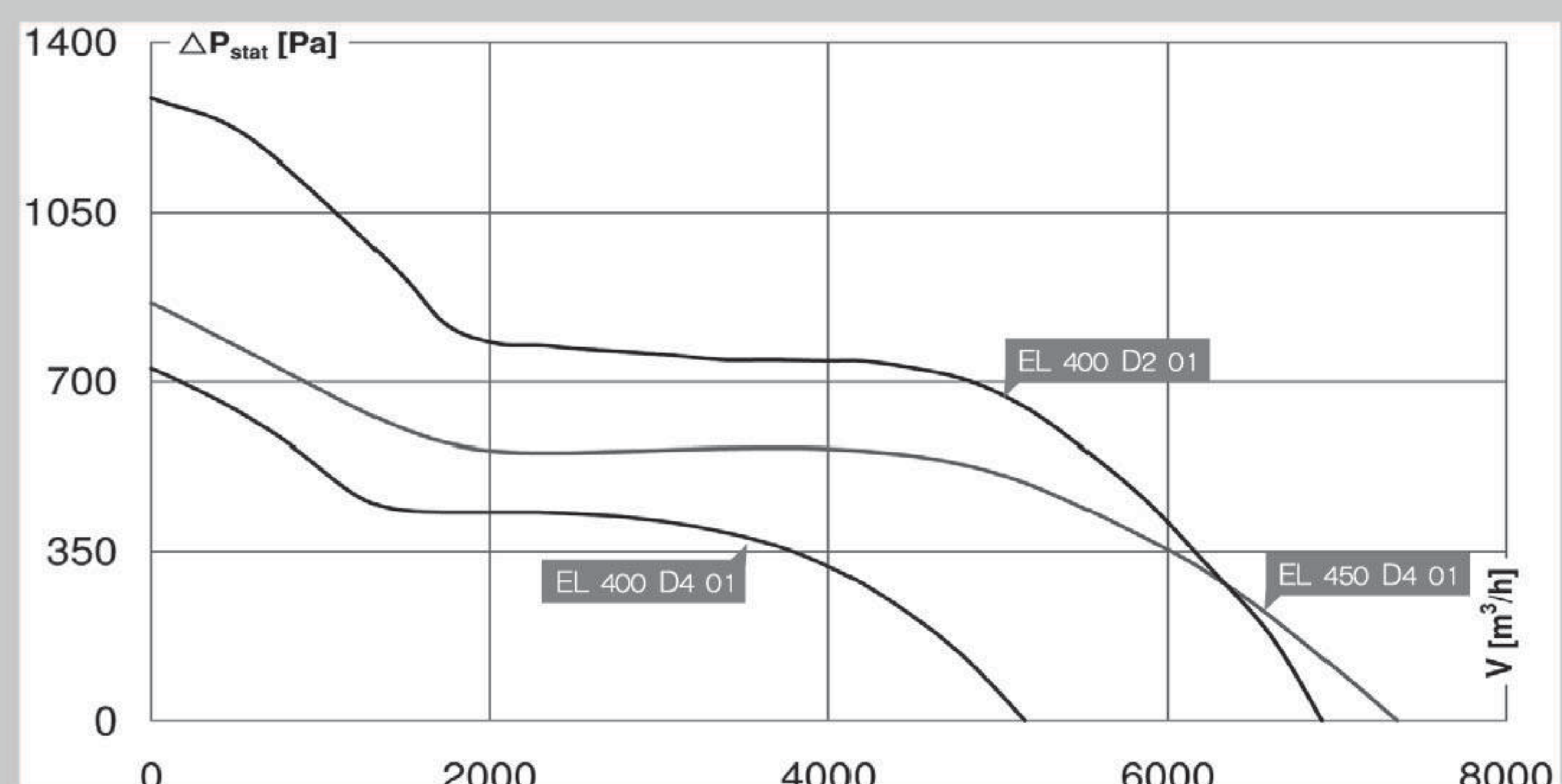
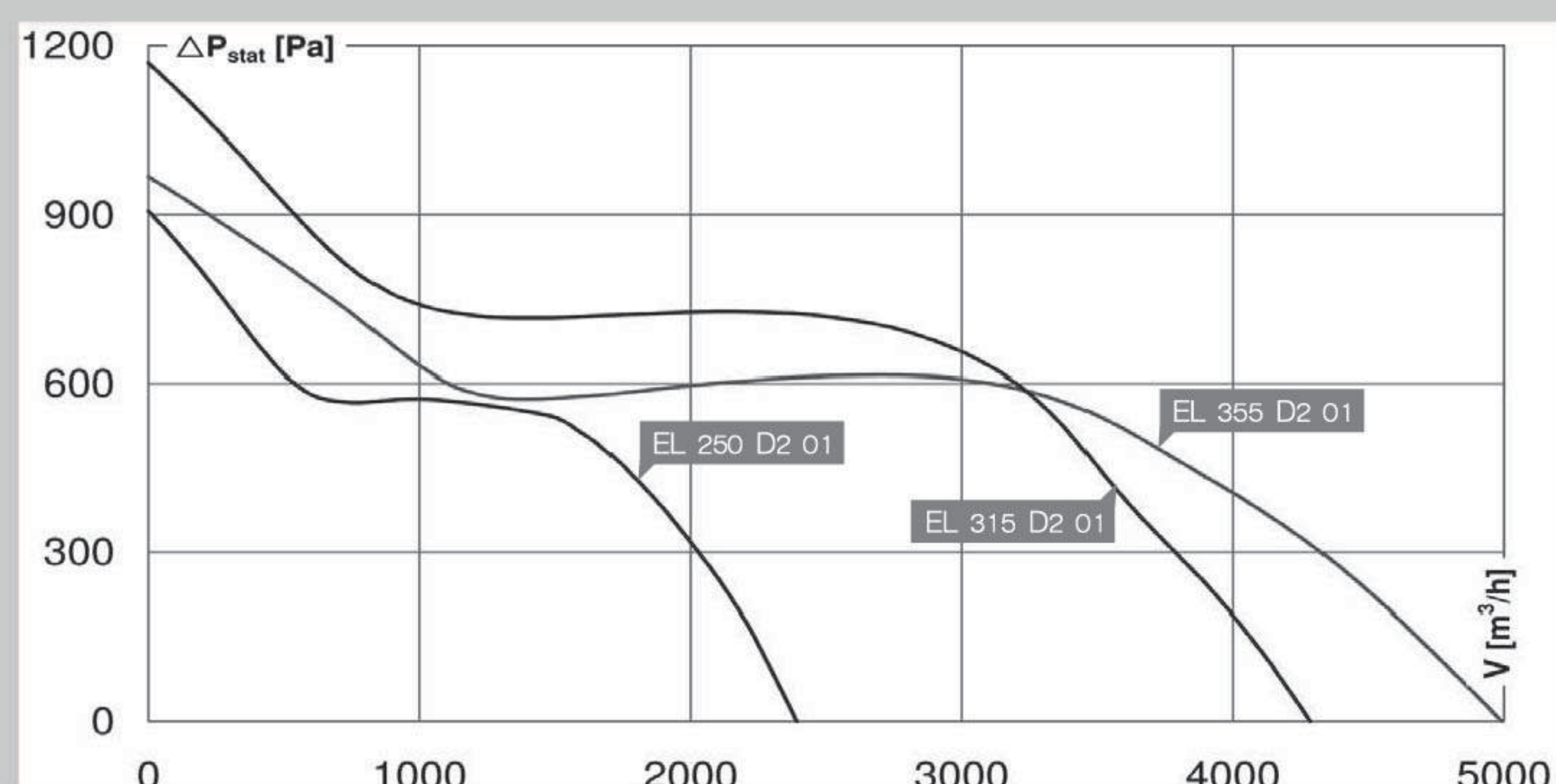
EL ETALINE, 3-Phase

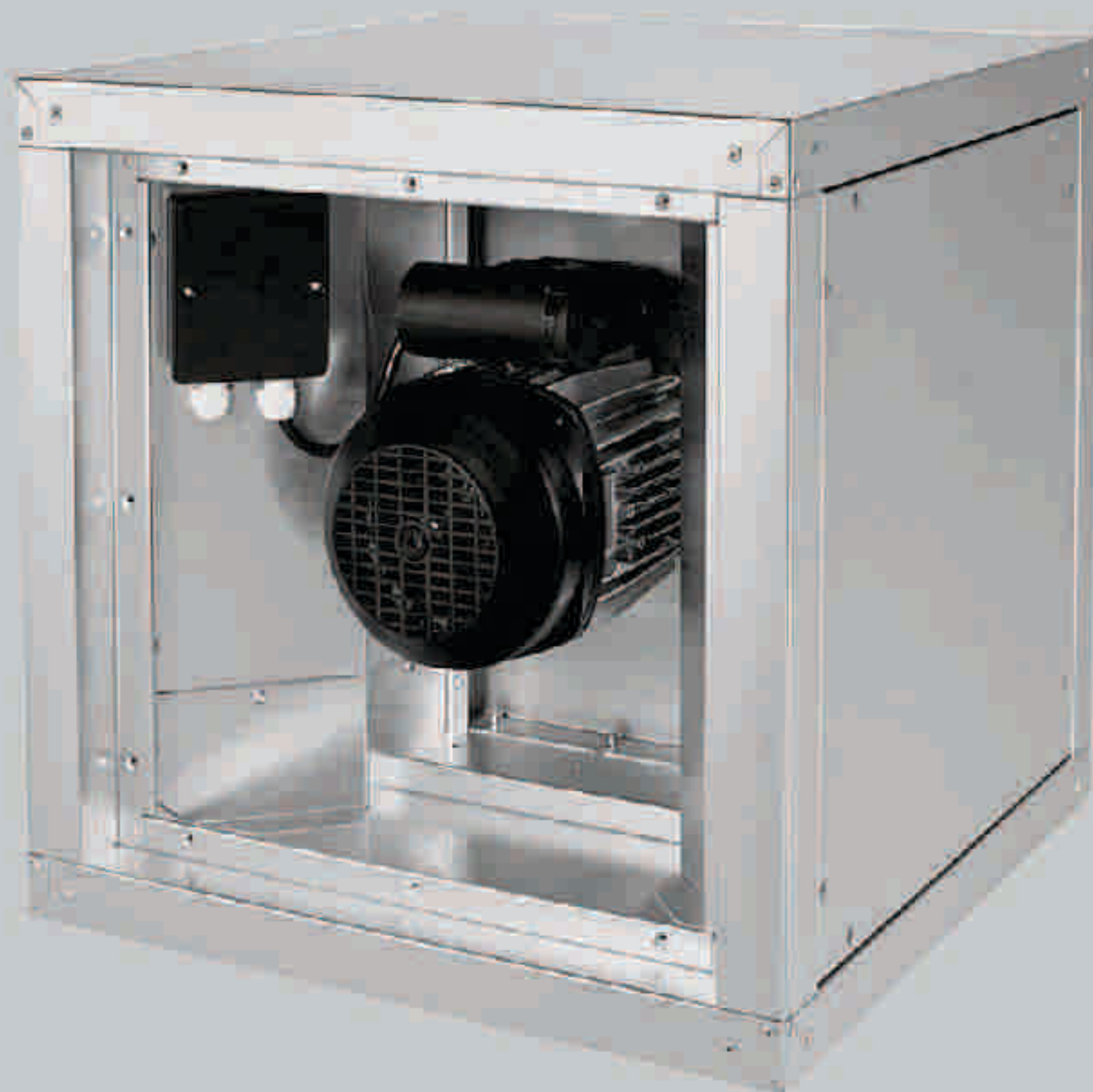
250 mm	315 mm	355 mm	400 mm
EL 250 D2 01 ID 118980	EL 315 D2 01 ID 112759	EL 355 D2 01 ID 112760	EL 400 D4 01 ID 119377
230V 3~Y/65Hz 50 °C 2390 m³/h 380 W 1,5 A 79/82/65 db(A)	230V 3~/50Hz 40 °C 4230 m³/h 560 W 3,0 A 79/87/70 db(A)	230V 3~/50Hz 60 °C 4990 m³/h 920 W 3,2 A 80/86/67 db(A)	230V 3~Y/75Hz 80 °C 5160 m³/h 660 W 2,7 A 80/86/69 db(A)



EL Etaline 3-Phase

400 mm	450 mm	500 mm	560 mm	630 mm	710 mm
EL 400 D2 01 ID 119677	EL 450 D4 01 ID 118570	EL 500 D4 01 ID 117580	EL 560 D4 01 ID 119347	EL 630 D4 01 ID 117891	EL 710 D4 01 ID 119356
400V 3~/50H 80 °C 6910 m³/h 1.570 W 3,2 A 87/93/82 db(A)	230V 3~Y/70Hz 80 °C 7380 m³/h 1.000 W 4,4 A 82/87/72 db(A)	230V 3~Y/70Hz 70 °C 9880 m³/h 1.930 W 7,1 A 83/93/79 db(A)	400V 3~/50Hz 80 °C 10380 m³/h 1.070 W 2,8 A 86/88/86 db(A)	400V 3~/50Hz 70 °C 15880 m³/h 2.170 W 5,4 A 89/91/83 db(A)	400V 3~/50Hz 55 °C 20240 m³/h 3.740 W 7,7 A 92/93/85 db(A)





MPC...TW Flexible Exhaust Fan, motor outside of air stream

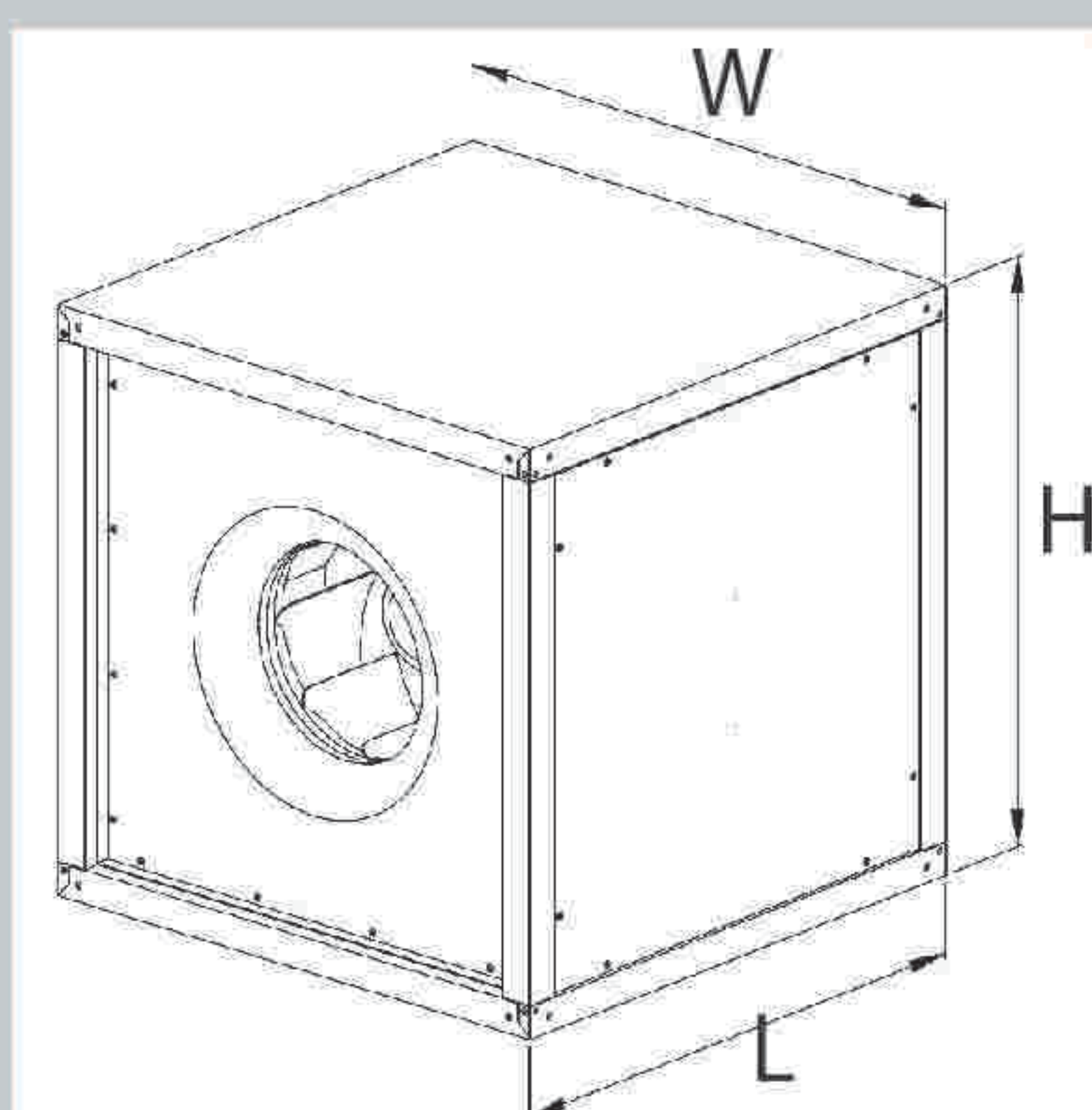
Motor outside of air stream

In this execution variant of the MPC fan box the motor is separated from the air stream, allowing for use as a kitchen exhaust fan.

Backward curved radial fan

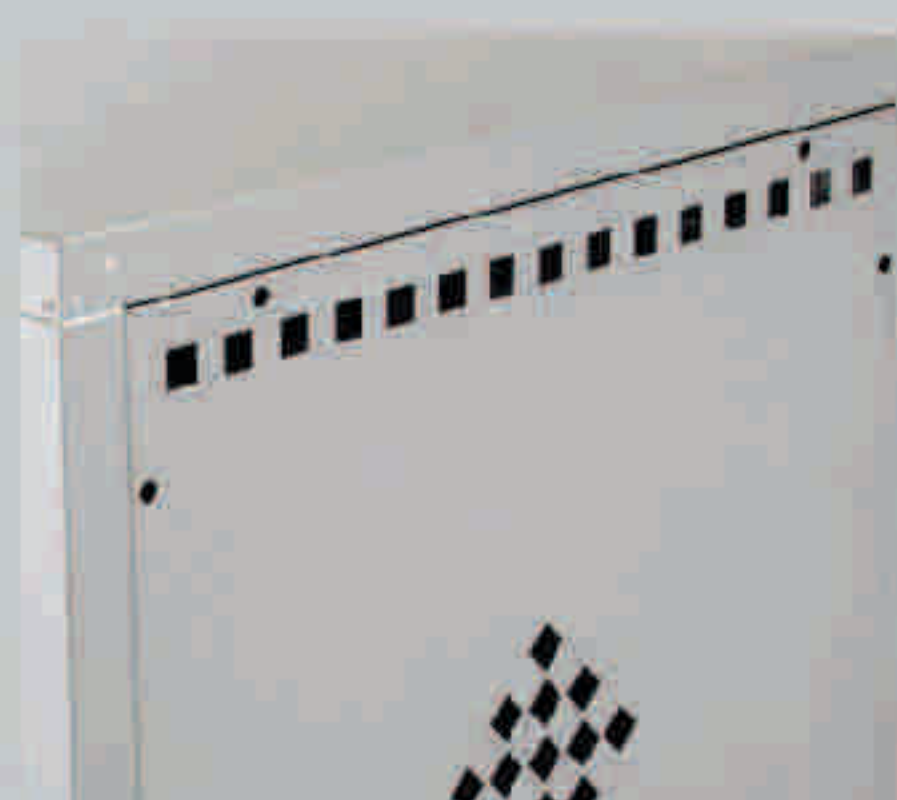
The utilized backward curved impeller radial fans are insensitive to soiling and have a high efficiency.

- Backward curved centrifugal fan
- Voltage controllable
- Integrated thermal contact
- Maintenance-free, long-life ball bearings
- Galvanized sheet steel housing



Motor separated from the air stream

Two steel sheets separates the motor from the air stream and prevent its soiling.



Motor cover

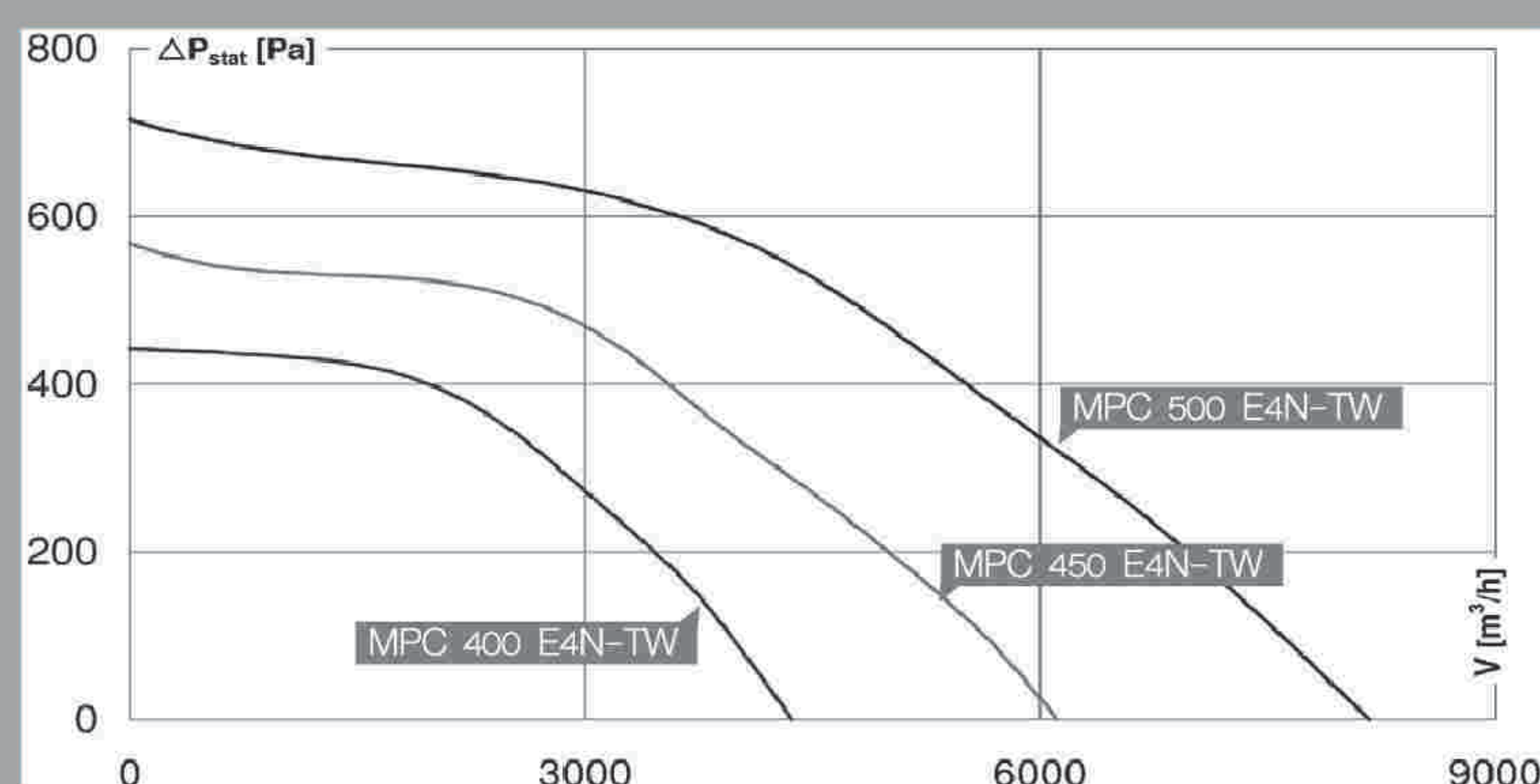
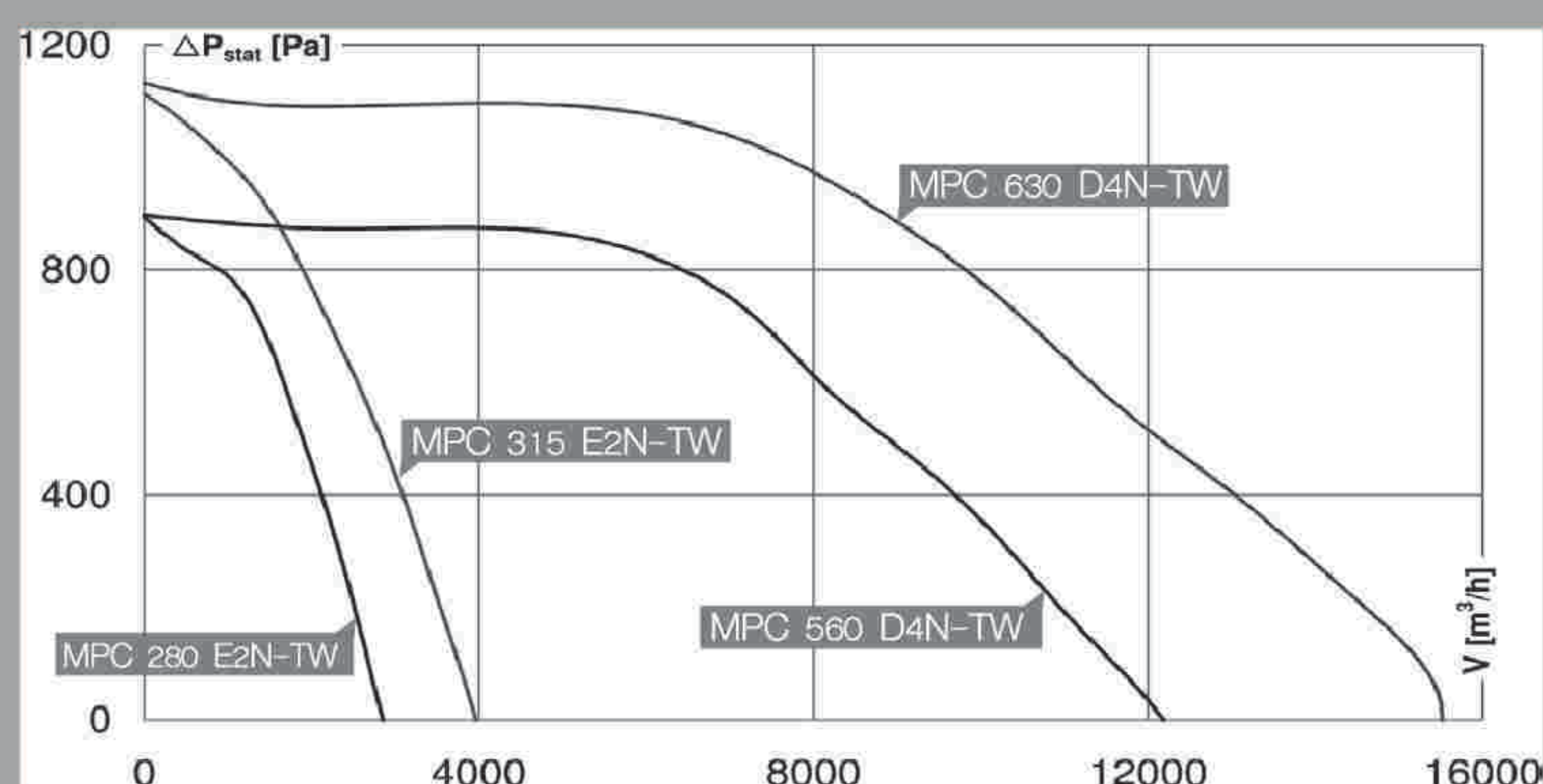
A cover for the motor is available as an accessory.



The housing is designed to function as a grease pan

The housing is designed to function as a grease pan, so that small amount of condensation or grease can be safely held back.

Type	ID	U	f	LWA5	I _{fa}	I _t	L	W	H	Weight
		[V]	[Hz]	[dB (A)]	[%]	[%]	[mm]	[mm]	[mm]	
MPC 280 E2N-TW*	115721	230V ~	50	81	43,8	44,4	500	500	500	35,1
MPC 315 E2N-TW*	115722	230V ~	50	82	44,1	44,8	500	500	500	37,0
MPC 400 E4N-TW*	115723	230V ~	50	73	41,1	41,5	700	700	700	58,5
MPC 450 E4N-TW*	115724	230V ~	50	79	44,9	45,3	700	700	700	59,5
MPC 500 E4N-TW*	115725	230V ~	50	79	47,1	47,8	700	700	700	71,2
MPC 560 D4N-TW*	122301	400V 3~	50	83	57,4	57,8	900	900	900	115,0
MPC 630 D4N-TW*	123131	400V 3~	50		50,0	50,4	900	900	900	114,0



280 mm	315 mm	400 mm	450 mm	500 mm	560 mm	630 mm
MPC 280 E2N-TW ID 115721	MPC 315 E2N-TW ID 115722	MPC 400 E4N-TW ID 115723	MPC 450 E4N-TW ID 115724	MPC 500 E4N-TW ID 115725	MPC 560 D4N-TW ID 122301	MPC 630 D4N-TW ID 123131
230V~/50Hz 75 °C 2860 m³/h 600 W 4,0 A 81/83/72 db(A)	230V ~/50Hz 80 °C 3960 m³/h 914 W 5,4 A 82/84/76 db(A)	230V ~/50Hz 80 °C 4360 m³/h 560 W 3,0 A 73/76/- db(A)	230V ~/50Hz 55 °C 6110 m³/h 800 W 4,3 A 79/82/70 db(A)	230V ~/50Hz 50 °C 8170 m³/h 1.320 W 7,6 A 79/82/77 db(A)	400V 3~/50Hz 80 °C 12180 m³/h 2.200 W 5,0 A 83/85/78 db(A)	400V 3~/50Hz 45 °C 15510 m³/h 4.380 W 8,4 A

FURTHERMORE PARTS OUT OF OUR PROGRAM

Sound insulated fan boxes

Our impellers offer the highest performance with compact dimens. The sound insulated fan boxes are characterized by very low noise level.



INLINE TUBE FANS

Inline tube fans with casting of metal or plastic. Sound insulated fan boxes.



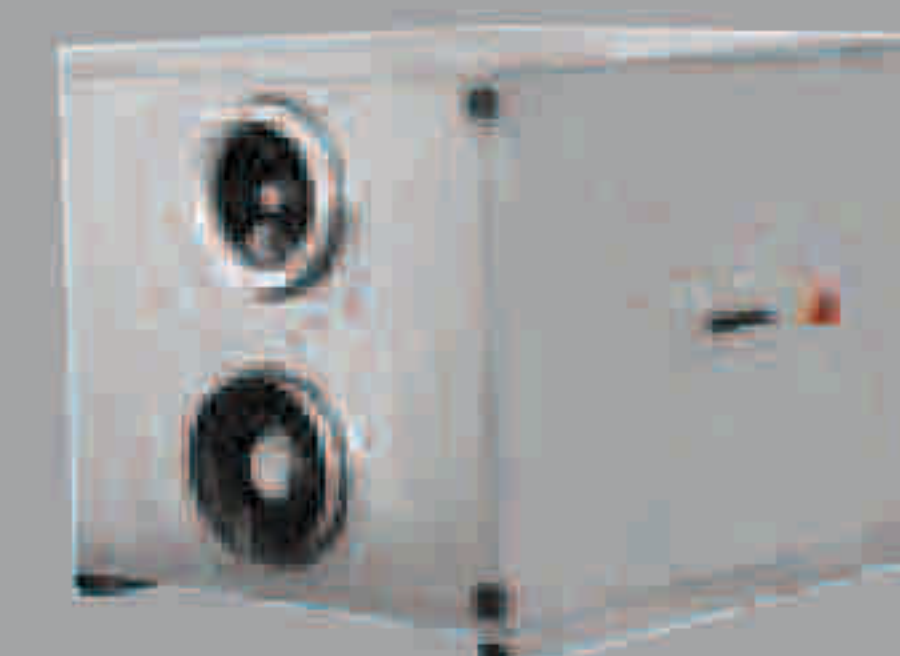
EXHAUST FANS

Exhaust fans for industrial or kitchen exhaust.



AIR HANDLING UNITS

Air handling unit with and without heat recovery.



ROOF FANS

Roof fans with vertical discharge up to 120 °C.



RECTANGULAR DUCT FANS

Rectangular duct fans with forward and backward curved radial or diagonal impellers.



References

BSCM Food



Farm Chokchai



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