



- 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

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.



Complex blade contours

The exceptional performance data, in particular the unique high fan efficiency, based on the complex blade contours and the continuous meridian channel. This causes a very low loss of energy in the energy transformation of the fan.



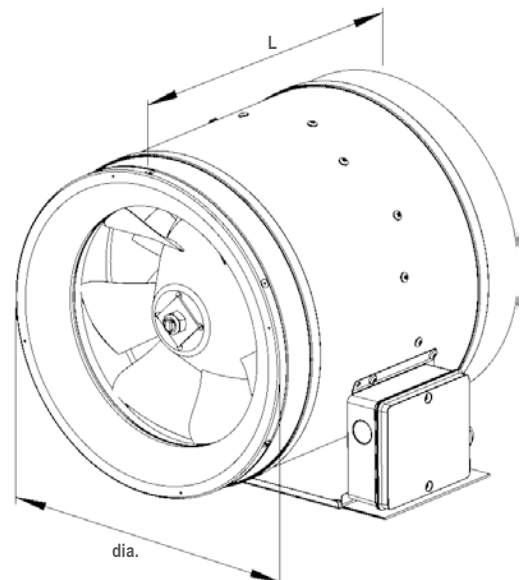
Motor protected in hub area

The motors do not have a disruptive effect on the air flow and are protected in the hub. In several executions the motor is completely separated from the air stream.



Including mounting bracket

A stable mounting bracket is mounted to the fan.



EL 230 V, voltage controllable

These fans can be connected directly to a 230 V/50 Hz mains supply, or with a transformer for variable speed regulation. Connection through terminal box

Type	ID	U	f	L _{WA2}	L _{WA5}	η _{fa}	η _t	dia.	L	Weight	Wiring diagram
		[V]	[Hz]	[dB (A)]	[dB (A)]	[%]	[%]	[mm]	[mm]	[kg]	
EL 200 E2 01	116527	230V ~	50	59	71	33,0	38,2	201	225	2,9	118622
EL 250 E2 06	116227	230V ~	50	56	74	46,9	50,4	250	215	5,4	118787
EL 250 E2 01	112382	230V ~	50	52	71	44,7	48,8	250	278	6,4	116403
EL 280 E2 02	115334	230V ~	50	56	75	50,6	54,8	281	308	8,3	116403
EL 315 E2 03	117010	230V ~	50	56	75	50,6	54,8	315	308	8,4	116403
EL 315 E2 01	112202	230V ~	50	61	76	51,3	55,7	315	351	14,2	116495
EL 355 E4 01	112369	230V ~	50	48	64	44,4	48,7	355	396	13,5	116403
EL 355 E2 01	112757	230V ~	50	63	79	50,6	55,0	354	396	17,3	116495
EL 400 E4 01	119380	230V ~	50	61	70	46,0	50,9	403	417	12,8	120751
EL 450 E4 01	119336	230V ~	50	66	71	50,3	54,8	453	467	18,4	120750
EL 500 E4 01	118061	230V ~	50	68	75	49,8	53,9	504	515	23,2	120750
EL 560 E4 01	119349	230V ~	50	79	83	49,6	54,0	564	582	38,0	116495
EL 630 E4 01	119324	230V ~	50	79	84	55,4	59,9	634	655	43,1	116495

EL for operation with FC

These fans are designed for operation with frequency converters. The sizes 560, 630 and 710 can also be connected directly to 400 V/50 Hz three phase operation. Shielded cable provided Through frequency control the efficiency in partial load is also very high.

Type	ID	U	f	L _{WA2}	L _{WA5}	η _{fa}	η _t	dia.	L	Weight	Wiring diagram
		[V]	[Hz]	[dB (A)]	[dB (A)]	[%]	[%]	[mm]	[mm]	[kg]	
EL 250 D2 01	118980	230V 3~Y	65	63	78	51,6	55,9	315	355	6,6	116460
EL 315 D2 01	112759	230V 3~Y	50	64	76	59,4	64,0	315	355	15,5	116460
EL 355 D2 01	112760	230V 3~Y	50	67	80	55,5	59,7	354	396	17,5	116460
EL 400 D4 01	119377	230V 3~Y	75	69	80	53,9	59,2	403	417	14,8	116460
EL 450 D4 01	118570	230V 3~Y	70	72	82	58,6	63,3	453	467	18,9	116460
EL 500 D4 01	117580	230V 3~Y	70	79	83	60,0	64,5	504	515	23,6	116460
EL 400 D2 01	119677	400V 3~Y	50	88	89	56,8	62,2	403	417	20,3	116460
EL 560 D4 01	119347	400V 3~Y	50		90	54,6	60,4	564	582	28,0	116460
EL 630 D4 01	117891	400V 3~Y	50	78	86	62,5	67,4	634	654	39,3	116460
EL 710 D4 01	119356	400V 3~Y	50	81	90	63,0	67,3	714	732	49,0	116460

EL with EC motors

ETALINE with EC motors are by far the most energy saving fans on the market. Both in full and partial load operation, the fan total efficiency is very high. The ETALINE with EC motors must be operated with a controller, see accessories.

Type	ID	U	f	L _{WA2}	L _{WA5}	η _{fa}	η _t	dia.	L	Weight	Wiring diagram
		[V]	[Hz]	[dB (A)]	[dB (A)]	[%]	[%]	[mm]	[mm]	[kg]	
EL 400 EC 01	119384	230V ~	50	78	85	59,5	65,9	403	416		119339
EL 450 EC 01	119337	230V ~	50	78	85	65,9	72,3	453	467		119339
EL 500 EC 01	119321	400V 3~	50	81	84	69,1	75,0	504	515	21,3	119339
EL 560 EC 01	119351	400V 3~	50		90	63,3	68,8	564	582	31,0	119339
EL 630 EC 01	119322	400V 3~	50	77	86	69,4	75,3	634	654	38,4	119339
EL 710 EC 01	119359	400V 3~	50	80	88	69,7	75,3				119339



Specific Accessories
For details see page: 150

TEE ...
5-Step Transformer
Without motor protection

TES ...
7-Step Transformer
Without motor protection

TEM ...
5-Step Transformer
With motor protection

200 mm	250 mm	280 mm	315 mm	355 mm	
EL 200 E2 01 ID 116527	EL 250 E2 06 ID 116227	EL 280 E2 02 ID 115334	EL 315 E2 03 ID 117010	EL 355 E4 01 ID 112369	MERUS.
230V ~/50Hz 45 °C 920 m³/h 100 W 0,5 A 71/75/59 db(A)	230V ~/50Hz 50 °C 1625 m³/h 160 W 0,8 A 74/79/56 db(A)	230V ~/50Hz 55 °C 2360 m³/h 270 W 1,6 A 75/79/56 db(A)	230V ~/50Hz 55 °C 2360 m³/h 270 W 1,6 A 75/79/56 db(A)	230V ~/50Hz 60 °C 2560 m³/h 160 W 1,2 A 64/67/48 db(A)	
TEE 015 ID 115893 TES 145 ID 111858	TEE 015 ID 115893 TES 145 ID 111858	TEM 035 ID 103502 TES 035 ID 103954	TEM 035 ID 103502 TES 035 ID 103954	TEE 015 ID 115893 TES 145 ID 111858	
	EL 250 E2 01 ID 112382		EL 315 E2 01 ID 112202	EL 355 E2 01 ID 112757	MERUS.
	230V ~/50Hz 55 °C 1720 m³/h 180 W 1,0 A 71/75/52 db(A)		230V ~/50Hz 70 °C 3490 m³/h 520 W 3,2 A 76/82/61 db(A)	230V ~/50Hz 45 °C 4960 m³/h 960 W 5,4 A 79/84/63 db(A)	
	TEE 015 ID 115893 TES 145 ID 111858		TEM 035 ID 103502 TES 035 ID 103954	TEM 075 ID 103507 TES 075 ID 103957	

Isolator Switch

Fast Clamps
1 set = 2 pcs.

Back Draught Shutter

Back Draught Shutter with seal

Protection Grille Inlet

Duct Silencer rigid, 1 m

Duct Silencer flexibel, 1 m

Filter Box with Mat Filter G3

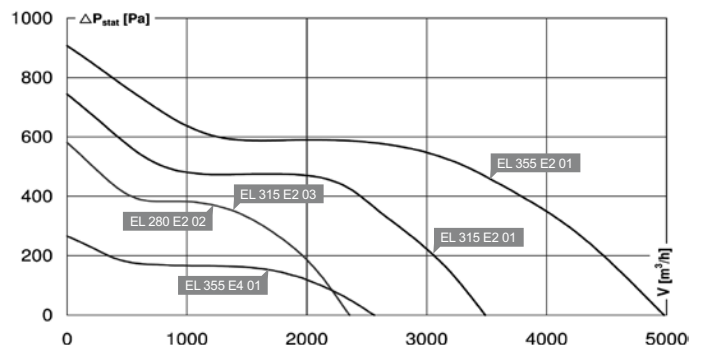
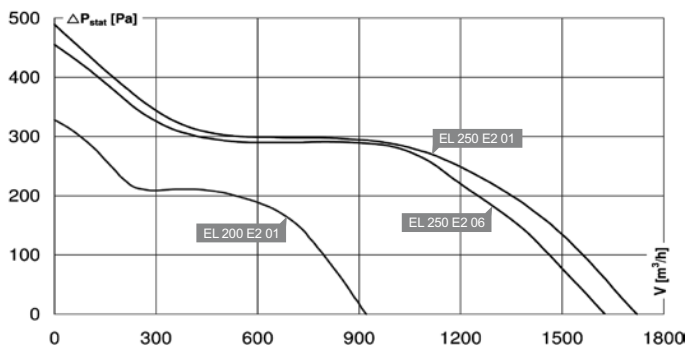
Filter Box for Bag Filter Without filter

Filter Box with Filter F5 and Heating Coil

Adapter Plate rectangular/round duct

Adapter Plate rectangular/round duct

200 mm	250 mm	280 mm	315 mm	355 mm	
GS 01 ID 102787	GS 01 ID 102787	GS 01 ID 102787	GS 01 ID 102787	GS 01 ID 102787	MYSR.
VM 200 ID 102650	VM 250 ID 102651	VM 280 ID 115494	VM 315 ID 102652	VM 355 ID 102653	MYMRV.
RSK 200 ID 102662	RSK 250 ID 102686		RSK 315 ID 102664	RSK 355 ID 102665	MYMRR.
RSK 200D ID 113487	RSK 250D ID 113488		RSK 315D ID 113489	RSK 355D ID 113491	MYMRR.
SG 200 02 ID 118634	SG 250 02 ID 112677	SG 280 02 ID 115066	SG 315 02 ID 112675	SG 355 02 ID 112674	MYMRS.
SDS 200 ID 102719	SDS 250 ID 102721	SDS 280 ID 115243	SDS 315 ID 102723	SDS 355 ID 102725	MYMRDS.
SDF 200 ID 102704	SDF 250 ID 102705		SDF 315 ID 102706	SDF 355 ID 102707	MYMRDF.
FV 200 ID 112832	FV 250 ID 112833		FV 315 ID 112834	FV 355 ID 112835	MYMRHL.
FT 200 ID 112840	FT 250 ID 112845		FT 315 ID 112846	FT 355 ID 112847	MYMRHO.
FTW 200 ID 112853	FTW 250 ID 112854		FTW 315 ID 112855	FTW 355 ID 112856	MYMRHH.
	UKR 5025 01 ID 114638 Duct connection 50/25 cm	UKR 5030 02 ID 115193 Duct connection 50/30 cm	UKR 6030 03 ID 114640 Duct connection 60/30 cm	UKR 6035 01 ID 114641 Duct connection 60/35 cm	MYMKU.
	UKR 5030 01 ID 114639 Duct connection 50/30 cm				MYMKU.

















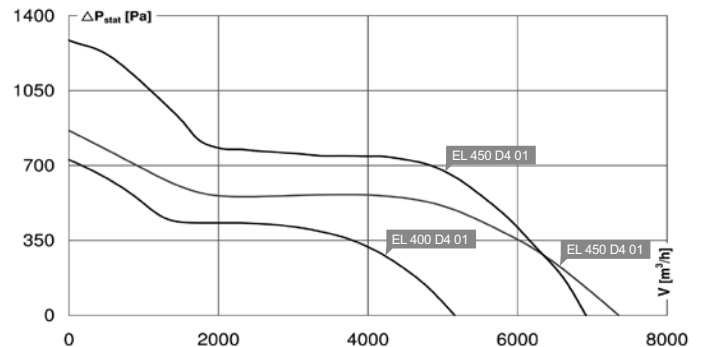
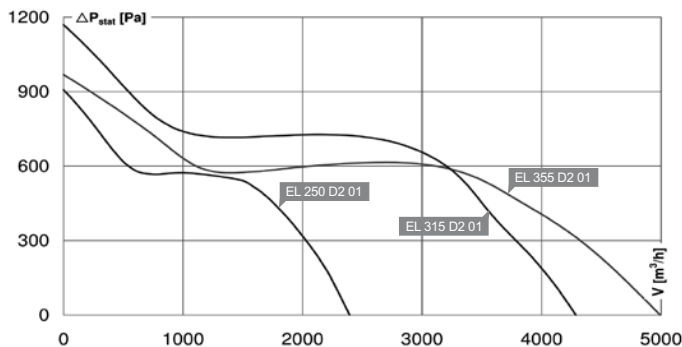
Specific Accessories
For details see page: 150



250 mm	315 mm	355 mm	400 mm	450 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	EL 450 D4 01 ID 118570	MERUS.
230V 3~Y/65Hz 50 °C 2390 m³/h 380 W 1,5A 78/81/63 db(A)	230V 3~Y/50Hz 40 °C 4230 m³/h 560 W 3,0A 76/83/64 db(A)	230V 3~Y/50Hz 60 °C 4990 m³/h 920 W 3,2A 80/86/67 db(A)	230V 3~Y/75Hz 80 °C 5160 m³/h 660 W 2,7A 80/86/69 db(A)	230V 3~Y/70Hz 80 °C 7380 m³/h 1.000 W 4,4A 82/87/72 db(A)	
FU 075 03 ID 121260 FU 075 01 ID 113988	FU 075 03 ID 121260 FU 075 01 ID 113988	FU 075 03 ID 121260 FU 075 01 ID 113988	FU 075 03 ID 121260 FU 075 01 ID 113988	FU 15 03 ID 121261 FU 15 01 ID 113989	
			EL 400 D2 01 ID 119677		MERUS.
			400V 3~Y/50Hz 80 °C 6910 m³/h 1.570 W 3,2A 89/95/88 db(A)		
			FU 30 03 ID 121609 FU 30 04 ID 121610 Price available on request		

-  **Isolator Switch**
-  **Fast Clamps**
1 set = 2 pcs.
-  **Back Draught Shutter**
-  **Back Draught Shutter with seal**
-  **Protection Grille Inlet**
-  **Duct Silencer rigid, 1 m**
-  **Duct Silencer flexibel, 1 m**
-  **Filter Box with Mat Filter G3**
-  **Filter Box for Bag Filter Without filter**
-  **Filter Box with Filter F5 and Heating Coil**
-  **Adapter Plate rectangular/round duct**
-  **Adapter Plate rectangular/round duct**

GS 03	GS 03	GS 03	GS 03	GS 03	
GS 03 ID 107633	GS 03 ID 107633	GS 03 ID 107633	GS 03 ID 107633	GS 03 ID 107633	MYSR.
VM 250 ID 102651	VM 315 ID 102652	VM 355 ID 102653	VM 400 ID 102654	VM 450 ID 119495	MYMRV.
RSK 250 ID 102686	RSK 315 ID 102664	RSK 355 ID 102665			MYMRR.
RSK 250D ID 113488	RSK 315D ID 113489	RSK 355D ID 113491			MYMRR.
SG 250 02 ID 112677	SG 315 02 ID 112675	SG 355 02 ID 112674			MYMRS.
SDS 250 ID 102721	SDS 315 ID 102723	SDS 355 ID 102725	SDS 400 ID 102727		MYMRDS.
SDF 250 ID 102705	SDF 315 ID 102706	SDF 355 ID 102707	SDF 400 ID 102708		MYMRDF.
FV 250 ID 112833	FV 315 ID 112834	FV 355 ID 112835			MYMRHL.
FT 250 ID 112845	FT 315 ID 112846	FT 355 ID 112847			MYMRHO.
FTW 250 ID 112854	FTW 315 ID 112855	FTW 355 ID 112856			MYMRHH.
UKR 5025 01 ID 114638 Duct connection 50/25 cm	UKR 6030 03 ID 114640 Duct connection 60/30 cm	UKR 6035 01 ID 114641 Duct connection 60/35 cm			MYMKU.
UKR 5030 01 ID 114639 Duct connection 50/30 cm					MYMKU.



*For connection to frequency converter

	500 mm	560 mm	630 mm	710 mm	
	EL 500 D4 01 ID 117580	EL 560 D4 01 ID 119347	EL 630 D4 01 ID 117891	EL 710 D4 01 ID 119356	
MERUS	230V 3~Y/70Hz 70 °C 9880 m³/h 2.030 W 7,1 A 83/93/79 db(A)	400V 3~Y/50Hz 80 °C 10380 m³/h 1.070 W 2,8 A 90/93/- db(A)	400V 3~Y/50Hz 70 °C 15880 m³/h 2.170 W 5,4 A 86/89/78 db(A)	400V 3~Y/50Hz 55 °C 20240 m³/h 3.740 W 7,7 A 90/93/81 db(A)	
	FU 22 04 ID 121262 FU 22 01 ID 117547	FU 30 03 ID 121609 FU 30 04 ID 121610 Price available on request	FU 30 03 ID 121609 FU 30 04 ID 121610 Price available on request	FU 40 03 ID 121607 FU 40 04 ID 121608 Price available on request	



Specific Accessories
For details see page: 150

FU ...
Frequency Converter



FU ...
Frequency Converter



MYSR	GS 03 ID 107633	GS 03 ID 107633	GS 03 ID 107633	GS 03 ID 107633	
MYMRV	VM 500 ID 118094	VM 560 ID 119496	VM 630 ID 119497	VM 710 ID 119498	
MYMRS	SDS 500 ID 118834				

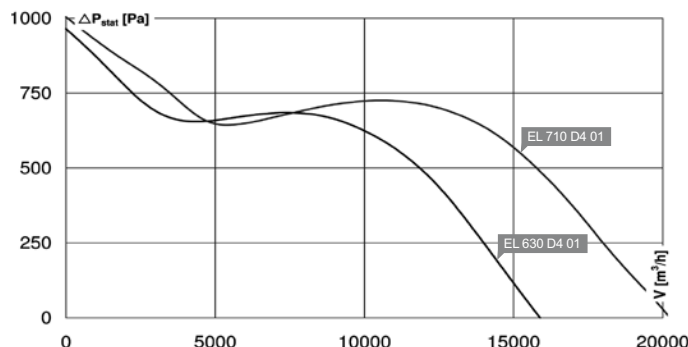
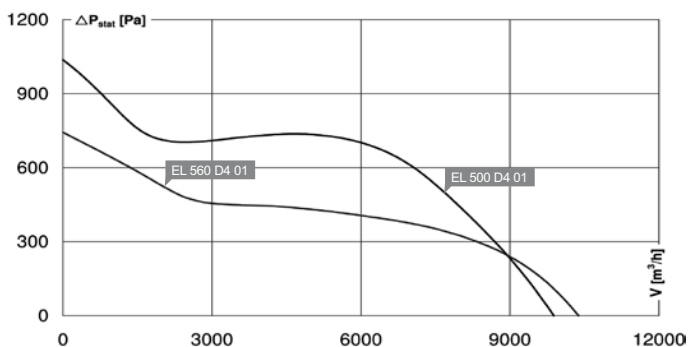
Isolator Switch



Fast Clamps
1 set = 2 pcs.



Duct Silencer
rigid, 1 m



EL ETALINE, with EC motors



Specific Accessories
For details see page: 150

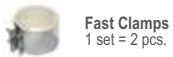
400 mm	450 mm	500 mm	EUR	560 mm	
EL 400 EC 01 ID 119384	EL 450 EC 01 ID 119337	EL 500 EC 01 ID 119321	1650,-	EL 560 EC 01 ID 119351	
230V ~/50Hz 80 °C 7120 m³/h 1.540 W 8,8 A 85/91/78 db(A)	230V ~/50Hz 55 °C 8670 m³/h 1.700 W 9,9 A 85/91/78 db(A)	400V 3~/50Hz 55 °C 10870 m³/h 1.850 W 3,3 A 84/95/81 db(A)		400V 3~/50Hz 50 °C 13080 m³/h 2.450 W 4,4 A 90/96/- db(A)	MERUS.



ECC ...
EC-Controller

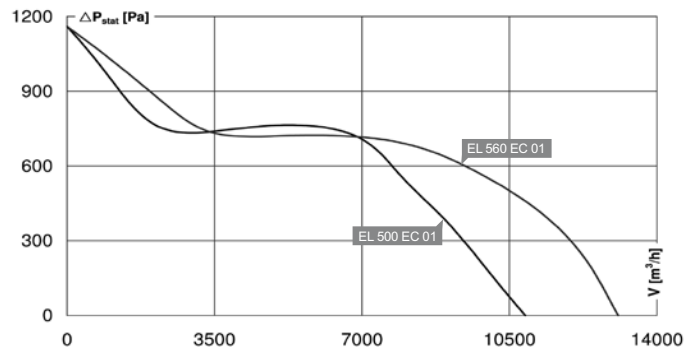
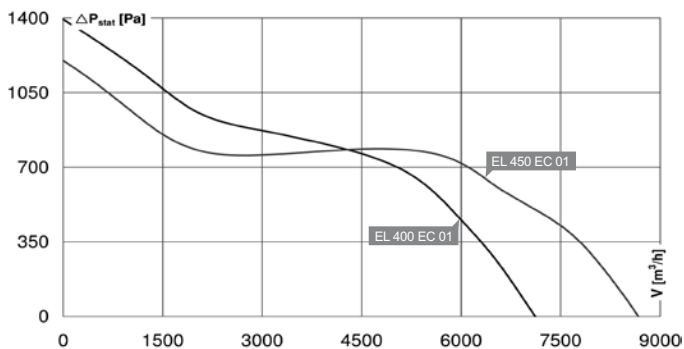


GS ...
Isolator Switch



Fast Clamps
1 set = 2 pcs.

ECC 14 01 ID 119697	ECC 14 01 ID 119697	ECC 20 01 ID 118833	1450,-	ECC 30 01 ID 118880	MYSF.
GS 03 ID 107633	GS 03 ID 107633	GS 03 ID 107633	60,-	GS 03 ID 107633	MYGR.
VM 400 ID 102654	VM 450 ID 119495	VM 500 ID 118094	32,-	VM 560 ID 119496	MYMRV.



	630 mm	710 mm		
	EL 630 EC 01 ID 119322	EL 710 EC 01 ID 119359		
MERUS.	400V 3~/50Hz 50 °C 15100 m³/h 2.890 W 3,8 A 86/89/77 db(A)	400V 3~/50Hz 80 °C 20200 m³/h 3.100 W 5,7 A 88/92/80 db(A)		



Specific Accessories
For details see page: 150

MYSF.	ECC 30 01 ID 118880	ECC 45 01 ID 119698			ECC ... EC-Controller
MYSR.	GS 03 ID 107633	GS 03 ID 107633			GS ... Isolator Switch
MYMRV.	VM 630 ID 119497	VM 710 ID 119498			Fast Clamps 1 set = 2 pcs.

