



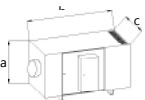
elstar

Electrostatic separator
for duct installation

EL 1250 KV | EL 2000 KV
EL 4000 KV | EL 6000 KV

Type	EL 1250		EL 2000		EL 4000		EL 6000			
Make	KV	KVTD	KV	KVTD	KV	KVTD	V KV	H KV	V KVTD	H KVTD
Filter area [m ²]	8,8	17,6	13,2	26,4	26,4	52,8	39,6		79,2	
Suction perform. ³ /h]	1.100	1.250	1.800	2.000	3.600	4.000	5.400	5.400	6.000	6.000
Weight [kg]	~25	~50	~30	~60	~60	~120	~90		~180	
Power rating [kW]	0,06	0,12	0,06	0,12	0,06	0,12	0,18	0,06	0,36	0,12
Voltage [V]	200...240									
Max. operat. temp. [°C]	~45									
Height a [mm]	569						1.493	569	1.493	569
Length b [mm]	500	1.100	500	1.100	500	1.100	500		1.100	
Width c [mm] (incl. control box)	360 (482)		500 (622)		967 (1.089)		1.406 (1.550)	500 (622)	1.406 (1.550)	500 (622)

KV: no ventilation, TD: two filter stages, V: vertical design, H: horizontal design - subject of change without notice



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	EC Ventilation	Oil mist	Oil smoke	Emulsion mist > 10%	Emulsion mist > 4%	Emulsion mist < 4%	Coolant pressure [bar]	Aerosol concentration [mg/m ³]	Emulsion pre-separator	Air inlet collector	Air outlet collector	Maximum workroom volume turnover 300/h	Maximum workroom volume turnover 200/h	Recommended pipe diameter [DN] mm
EL 1250 KV	-	+	+	+*	+*	+* ²	<40	<50	○	○	○	3,7 m ³	5,5 m ³	170
EL 1250 KVTD	-	+	+	+*	+*	+* ²	>40	>50	○	○	○	4,2 m ³	6,3 m ³	200
EL 2000 KV	-	+	+	+*	+*	+* ²	<40	<50	○	○	○	6 m ³	9 m ³	250
EL 2000 KVTD	-	+	+	+*	+*	+* ²	<40	<50	○	○	○	6,7 m ³	10 m ³	250
EL 4000 KV	-	+	+	+*	+*	+* ²	>40	>50	○	○	○	12 m ³	18 m ³	300
EL 4000 KVTD	-	+	+	+*	+*	+* ²	>40	>50	○	○	○	13,3 m ³	20 m ³	350
EL 6000V KV	-	+	+	+*	+*	+* ²	<40	<50	○	○	○	18 m ³	27 m ³	400
EL 6000H KV	-	+	+	+*	+*	+* ²	>40	>50	○	○	○	18 m ³	27 m ³	400
EL 6000V KVTD	-	+	+	+*	+*	+* ²	<40	<50	○	○	○	20 m ³	30 m ³	450
EL 6000H KVTD	-	+	+	+*	+*	+* ²	>40	>50	○	○	○	20 m ³	30 m ³	450

○ special equipment | ■ standard equipment | - not usable | + usable / optimal | * with emulsion pre-separator | ² in combination with equipment emulsion-plus

Options	EL 1250	EL 2000	EL 4000	EL 6000
Special color			○	
Airflow horizontal (left/right, right/left)			■	
Pre-separator			○	
Air inlet collector	■ 1 x DN 200	■ 1 x DN 200	■ 1 x DN 300	■ 1 x DN 400
Air outlet collector	■ 1 x DN 200	■ 1 x DN 200	■ 1 x DN 300	■ 1 x DN 400
Additional connection nozzle at air inlet collector			○	
Ceiling bracket			○	
400 V power connector for IT-net			○ larger controll cabinet	
Pre-separator G4 / PPI fleece			○ / ○	
Potentail free connector (error message) / on-off relay			○ / ○	
Airflow controller / safety shutdown (in case of fire)			○ / ○	
Connecting plug / main switch			○ / ○	

○ special equipment | ■ standard equipment | - not usable

Special construction on request

