

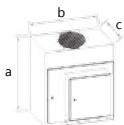


elstar

Electrostatic oil- and emulsion mist separator

EL 600 | EL 1000
EL 1500

Type	EL 600		EL 1000		EL 1500		
	N EC	NSEC	N EC	NS EC	N EC	NS EC	NS2 EC
Make	N EC	NSEC	N EC	NS EC	N EC	NS EC	NS2 EC
Filter area [m ²]	4,2		8,8		13,2		
Airflow [m ³ /h]	600		1.000		1.500		
Noise level [dB(A)]	~68	~70	~70	~68	~72	~66	~68
Weight [kg]	~22	~23	~37	~40	~45	~48	~52
Power rating [kW]	0,12	0,23	0,17	0,29	0,21	0,23	0,56
Voltage [V]	200...240						
Max. oper. temp. [°C]	~45						
Height a [mm]	434	480	570	650	590	685	730
Length b [mm]	356				509		
Width c [mm] (incl. control cabinet)	315 (422)		330 (477)		472 (619)		



N: ventilation, NS/NS2: stronger ventilation - 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 concentr. [mg/m ³]	Emulsion pre-separator	Air inlet collector	Mechanical pre-separator G2, G4, F9	Stronger ventilation	Maximum workroom volume turnover 300/h	Maximum workroom volume turnover 200/h	Recommended pipe diameter [DN] mm
EL 600 N	■	+	+	-	-	-	<40	<50	-	-	-	-	2 m ³	3 m ³	-
EL 600 NS	■	+	+	-	-	-	<40	<50	-	○	-	-	2 m ³	3 m ³	150
EL 1000 N	■	+	+	+*	+*	+* ²	<40	<50	○	-	-	-	3,3 m ³	5 m ³	-
EL 1000 NS	■	+	+	+*	+*	+* ²	<40	<50	○	○	○	-	3,3 m ³	5 m ³	200
EL 1500 N	■	+	+	+*	+*	+* ²	<40	<50	○	-	-	-	5 m ³	7,5 m ³	-
EL 1500 NS	■	+	+	+*	+*	+* ²	<40	<50	○	○	-	-	5 m ³	7,5 m ³	200-250
EL 1500 NS2	■	+	+	+*	+*	+* ²	<40	<50	○	○	○	○	5 m ³	7,5 m ³	200-250

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

Options	EL 600	EL 1000	EL 1500
Special color		○	
Connecting nozzle at air inlet collector	■ 1 x DN 150	■ 1 x DN 200	■ 1 x DN 200
Additional connection nozzle at air inlet collector		○	
Exhaust nozzle		○	
Wallbracket / 4-feet stand / one-foot support rack		○ / ○ / ○	
400 V power connector for IT-net		○ larger control cabinet	
Stronger ventilation [kW]	-	-	○ NS2 (0.76)
Pre-separator G4 / PPI fleece		○ / ○	
Air inlet collector		○ NS	
Potential free contact (error message) / on-off relay		○ / ○	
Volume control / operating point switch		○ / ○	
Airflow controller / Safety shutdown (in case of fire)		○ / ○	
Connecting plug / main switch		○ / ○	
Continuous speed control		■	
After-filter H13 / active carbon after-filter (smell elimination)	-	○ / ○	○ / ○
Drip frame / drip pan		○ / ○	
Wheel stand incl. collecting container	-		○

○ special equipment | ■ standard equipment | - not usable

Special construction on request

