

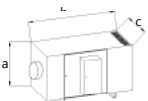


Electrostatic oil- and emulsion mist separator

EL 602 | EL 1252  
EL 2002 | EL 4002

Type	EL 602		EL 1252				EL 2002				EL 4002			
Make	NAS EC	NTDAS EC	NAS EC	NVAS EC	NTD EC	NTDV EC	NAS EC	NVAS EC	NTD EC	NTDV EC	NAS EC	NVAS EC	NTD EC	NTDV EC
Filter area [m <sup>2</sup> ]	4,2	8,4	8,8		17,6		13,2		26,4		26,4		52,8	
Airflow [m <sup>3</sup> /h]	600	650	1.100		1.250		1.800		2.000		3.600		4.000	
Noise level [dB(A)]	~70		~70				~68				~68			
Weight [kg]	~30	~45	~62		~85		~75		~105		~112		~152	
Power rating [kW]	0,23	0,29	0,29		0,35		0,23		0,29		1,36		1,42	
Voltage [V]	200...240													
Max. operating temp. [°C]	~45													
Height a [mm]	385		540 + variable height of feet (standard 60)											
Length b [mm]	800	1.100	1.000	1.095	1.310	1.405	1.000	1.095	1.340	1.435	1.270	1.365	1.540	1.750
Width c [mm] (incl. control cabinet)	345 (425)	345 (465)	360 (482)				500 (622)				967 (1.089)			

N: ventilation, AS: air inlet collector, V: pre-separator TD: two filter stages - subject of change without notice



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**elstar**

	EC Ventilation	Oil mist	Oil smoke	Emulsion mist > 10%	Emulsion mist > 4%	Emulsion mist < 4%	Coolant pressure [bar]	Aerosol concentration [mg/m <sup>3</sup> ]	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 602 NAS	■	+	+	-	-	-	<40	<50	-	■	-	-	2 m <sup>3</sup>	3 m <sup>3</sup>	150
EL 602 NTDA	■	+	+	-	-	-	>40	>50	-	■	-	-	2,2 m <sup>3</sup>	3,3 m <sup>3</sup>	150
EL 1252 NAS	■	+	+	-	-	-	<40	<50	-	■	-	-	3,7 m <sup>3</sup>	5,5 m <sup>3</sup>	200
EL 1252 NVAS	■	+	+	+*	+*	+* <sup>2</sup>	<40	<50	■	■	-	-	3,7 m <sup>3</sup>	5,5 m <sup>3</sup>	200
EL 1252 NTD	■	+	+	-	-	-	>40	>50	○	○	○	-	4,2 m <sup>3</sup>	6,3 m <sup>3</sup>	200
EL 1252 NTDV	■	+	+	+*	+*	+* <sup>2</sup>	>40	>50	■	○	○	-	4,2 m <sup>3</sup>	6,3 m <sup>3</sup>	200
EL 2002 NAS	■	+	+	-	-	-	<40	<50	-	■	-	○	6 m <sup>3</sup>	9 m <sup>3</sup>	200-250
EL 2002 NVAS	■	+	+	+*	+*	+* <sup>2</sup>	<40	<50	■	■	-	○	6 m <sup>3</sup>	9 m <sup>3</sup>	200-250
EL 2002 NTD	■	+	+	-	-	-	>40	>50	○	○	○	○	6,7 m <sup>3</sup>	10 m <sup>3</sup>	200-250
EL 2002 NTDV	■	+	+	+*	+*	+* <sup>2</sup>	>40	>50	■	○	○	○	6,7 m <sup>3</sup>	10 m <sup>3</sup>	200-250
EL 4002 NAS	■	+	+	-	-	-	<40	<50	-	■	-	○	12 m <sup>3</sup>	18 m <sup>3</sup>	300-350
EL 4002 NVAS	■	+	+	+*	+*	+* <sup>2</sup>	<40	<50	■	■	-	○	12 m <sup>3</sup>	18 m <sup>3</sup>	300-350
EL 4002 NTD	■	+	+	-	-	-	>40	>50	○	○	○	○	14 m <sup>3</sup>	20 m <sup>3</sup>	300-350
EL 4002 NTDV	■	+	+	+*	+*	+* <sup>2</sup>	>40	>50	■	○	○	○	14 m <sup>3</sup>	20 m <sup>3</sup>	300-350

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

Options	EL 602	EL 1252	EL 2002	EL 4002
Special color			○	
Airflow direction radial (left/up, right/up)			■	
Airflow direction horizontal (left/right, right/left)		○		○ / 1.81 kW
Connecting nozzle at air inlet collector	■ 1 x DN 150	■ 1 x DN 200	■ 1 x DN 200	■ 1 x DN 300
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 controll cabinaet	
Stronger ventilation [kW]	-	-	○ 0.5 / 0.76	○ 1.7 / 1.81
Pre-separator G4 / PPI fleece			○ / ○	
Air inlet collector N(V)AS / NTD(V)			■ / ○	
Potential free contact (error message) on-off relay			○ / ○	
Volume control / operating point switch			○ / ○	
Airflow controller / safety shutdown (in case of fire)			○ / ○	
Continuous speed control / connecting plug / main switch			■ / ○ / ○	
Safety after-filter H13 / active carbon after-filter (smell elimination)	- / -		○ / ○	
fahrbares Untergestell inkl. Auffangbehälter	-		○	

○ special equipment | ■ standard equipment | - not usable

Special construction on request

