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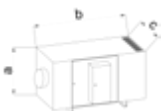
Electrostatic oil- and emulsion mist seperator

EL 602 | EL 1252
EL 2002 | EL 4002 | EL 6002

Typ	EL 602				EL 1252				EL 2002				EL 4002				EL 6002	
Make	NAS EC	NVAS EC	NTD AS EC	NTDV AS EC	NAS EC	NVAS EC	NTD EC	NTDV EC	NAS EC	NVAS EC	NTD EC	NTDV EC	N AS EC	NV AS EC	N TD EC	N TDV EC	N TD EC	N TDV EC
Filter area [m²]	4,2		8,4		8,8		17,6		13,2		26,4		26,4		52,8		79,2	
Airflow [m³/h]	600		650		1.100		1.250		1.800		2.000		3.600		4.000		6.000	
Noise level [dB(A)]	~70				~70				~68				~68				~68	
Weight [kg]	~30	~37	~65	~78	~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		2,8	
Voltage [V]	200...240																	
Max. opera-ting temp.[°C]	~45																	
Height a [mm]	445				600												602	
Length b [mm] (incl.pipe con.)	800		1.100		1.000	1.095	1.310 (1560)	1.400 (1650)	1.000	1.095	1.340 (1.590)	1.430 (1.680)	1.430		1.700 (2.100)		1.700 (2.200)	
Width c [mm] (incl. control cabinet)	345 (467)				360 (482 / 515)				500 (622 / 655)				965 (1.087 / 1.110)				1.430 (1.552 / 1.585)	

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

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	EC Ventilation	Oil mist	Oil smoke	Emulsion mist > 5%	Coolant pressure [bar]	Aerosol concentration [mg/m³]	Emulsions pre-seperator	Air inlet connector	Mechanical pre-seperator G2, G4, F9	Stronger ventilation	Maximum workroom volume, with air change rate 300/h	Maximum workroom volume, with air change rate 200/h	Recommended pipe diameter [DN]
EL 602 NAS	■	+	+	–	<40	<50	–	■	–	–	2 m³	3 m³	150
EL 602 NTDAS	■	+	+	–	>40	>50	–	■	–	–	2,2 m³	3,3 m³	150
EL 1252 NAS	■	+	+	–	<40	<50	–	■	–	○	3,7 m³	5,5 m³	200
EL 1252 NVAS	■	+	+	+*	<40	<50	■	■	–	○	3,7 m³	5,5 m³	200
EL 1252 NTD	■	+	+	–	>40	>50	–	○	○	○	4,2 m³	6,3 m³	200
EL 1252 NTDV	■	+	+	+*	>40	>50	■	○	○	○	4,2 m³	6,3 m³	200
EL 2002 NAS	■	+	+	–	<40	<50	–	■	–	○	6 m³	9 m³	200-250
EL 2002 NVAS	■	+	+	+*	<40	<50	■	■	–	○	6 m³	9 m³	200-250
EL 2002 NTD	■	+	+	–	>40	>50	–	○	○	○	6,7 m³	10 m³	200-250
EL 2002 NTDV	■	+	+	+*	>40	>50	■	○	○	○	6,7 m³	10 m³	200-250
EL 4002 NAS	■	+	+	–	<40	<50	–	■	–	○	12 m³	18 m³	300-350
EL 4002 NVAS	■	+	+	+*	<40	<50	■	■	–	○	12 m³	18 m³	300-350
EL 4002 N TD	■	+	+	–	>40	>50	–	○	○	○	14 m³	20 m³	300-350
EL 4002 N TDV	■	+	+	+*	>40	>50	■	○	○	○	14 m³	20 m³	300-350
EL 6002 N TD	■	+	+	–	>40	>50	–	○	○	○	20 m³	30 m³	400-450
EL 6002 N TDV	■	+	+	+*	>40	>50	■	○	○	○	20 m³	30 m³	400-450

○ special equipment | ■ standard equipment | - not usable | + usable / optimal | * with emulsion pre seperator

Options	EL 602	EL 1252	EL 2002	EL 4002	EL 6002
Special color			○		
Airflow direction radial (left/up, right/up)			■		
Airflow direction horizontal (left/right, right/left)			○		
Connecting nozzle at air inlet collector	■ 1 x DN 150	■ 1 x DN 200	■ 1 x DN 200	■ 1 x DN 300	■ 1 x DN 400
Additional connection nozzle at air inlet collector			○		
Exhaust nozzle			○		
Wallbracket / 4-feet stand / one-foot support rack		○ / ○ / ○			- / ○ / -
400 V power connector for IT-net		○ vergrößerter Schaltkasten			
Stronger ventilation [kW]	–	○ 0,5	○ 0,5 / 0,76	○ 2,5 / 3,9	○ 2 x 2,5
Pre-separator G4 / PPI fleece			○ / ○		
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)			○ / ○		
Mobile base frame incl. collection container			○		–

○ special equipment | ■ standard equipment | - not usable

Special construction on request