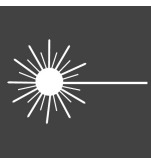




LIFE-301

POWERFUL SELF CLEANING CARTRIDGE FILTER WITH HEPA OR ULPA FILTRATION



A word about our LFE-301

The LFE 301 is a powerful mobile mid vacuum cartridge filter unit designed for laser applications that produce high quantities of dust and particles.

Fumes and particles are drawn through an aluminum pre-filter that distributes them evenly over a large surface area cartridge filter. The cartridge filter is coated with a special precoat powder protecting the filter fabric.

The LFE 301 offers a cleaning function that sprays compressed air over the cartridge at preset intervals. Large particles fall into a 2 gallon dust collection bin. An activated carbon filter removes any remaining fumes and gases.

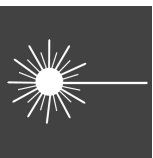
A HEPA or ULPA filter can be added as an optional safeguard. A digital display shows the condition of the filter. A SUB D9 interface makes it possible for a laser system to activate the filter unit.

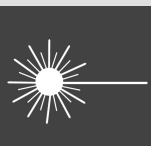
The unit is available in 110 or 230V.

An Automatic Precoat Dispenser is available for laser applications that produce sticky fumes, such as in the processing of plastic, wood, and laminates. Filter breaches are detected by a particle sensor.

Technical information

Max. volumetric flow of the fan [cfm]:	0 - 235/300
Max. pressure [Pa]:	7,300/21,000
Air intake dia.:	
Pre-filter:	N/A
Main-filter:	Cartridge plus HEPA or ULPA
Engine performance [kW]:	1.2/2.4
Voltage [V]:	110 or 230- 60Hz
Power Frequency of control [Hz]:	
Rated current [A]:	
Protection type:	IP54
Weight [lbs]:	235
Height [in]:	16
Depth [in]:	54
Width [in]:	30
Separation efficiency [%]:	>99.997





Powerful clean air!

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