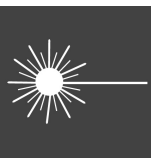


# LIFE-101

SELF-CLEANING CARTRIDGE FILTER FOR MEDIUM TO LARGE APPLICATIONS



## A word about our LFE-101

The LFE 101 is a 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 that protects the filter fabric.

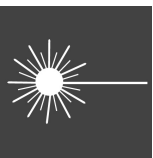
The LFE 101 offers a cleaning function that sprays compressed air over the cartridge at preset intervals. Large particles fall into a

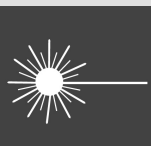
2 gallon dust collection bin. An activated carbon filter removes any remaining fumes and gases. The turbine's suction can be adjusted by remote control. A digital display on the remote control shows the condition of the filter. A SUB D9 interface makes it possible for a laser system to activate the filter unit.

An automated Precoat Dispenser is available for laser applications that produce sticky fumes, such as the processing of plastic, wood, and laminates.

## Technical information

Max. volumetric flow of the fan [cfm]:	0 - 170
Max. pressure [Pa]:	15,000
Air intake dia.:	
Pre-filter:	N/A
Main-filter:	Filter cartridge / carbon
Engine performance [kW]:	1
Voltage [V]:	110 / 230 - 60Hz
Power Frequency of control [Hz]:	
Rated current [A]:	7
Protection type:	IP 54
Weight [lbs]:	235
Height [in]:	50
Depth [in]:	16
Width [in]:	30
Separation efficiency [%]:	99.997





*Powerful clean air!*

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