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# Laser Fume Collector

AER Control Systems' Laser Fume Collector unit is designed to provide efficient compliance with OSHA, and cost effective control of dusts, fumes, smoke, gases, and vapors generated from laser manufacturing. Examples of Laser Manufacturing are: Laser Marking, Laser Machining, Laser Welding, Laser Cutting, Laser Drilling, and Micro Soldering. The laser fume collector will collect contaminants from materials such as metal, plastic, glass, ceramics, stone, composites, wood, and natural fibers.

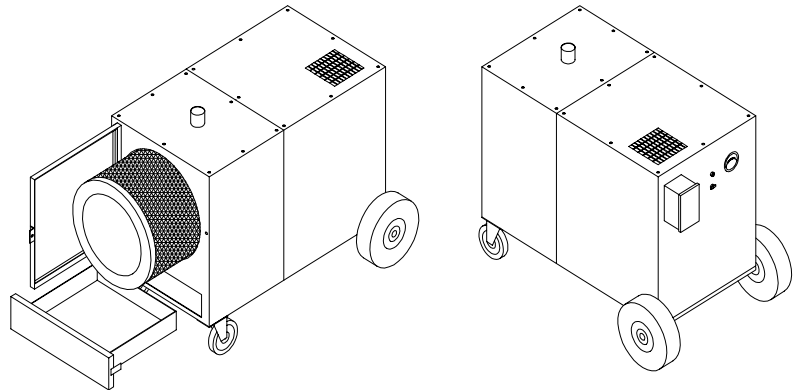
Typically used for moderate concentrations of dry contaminants, the Laser Fume Collector is provided with manual reverse pulse-jet cartridge filter cleaning system to minimize maintenance and reduce replacement filter costs.

The Laser Fume Collector can be configured with either one or two, 2" inlets using extraction arms or hoses. A 99.97% HEPA and/or activated carbon can be added to the unit outlet as an option.

The AER Control Systems' Laser Fume Collector is a self-contained, ready to be powered, compact source capture collector to satisfy many industrial requirements.

## Options

- HEPA Module to offer 99.97% @ 0.3 micron efficiency
- Carbon Module: for the removal of gas/vapors and odors
- Multiple inlet options available
- Larger 3.5 HP Motor
- Auto-Pulse
- 1 PH with power cord and switch



Unit	HP	Dimensions L x W x H
LFC-200	2	36 x 20 x 30

## Features

- 2 HP 3 PH Regenerative Blower
- 70" of water maximum static pressure
- 150 CFM maximum airflow
- Minihelic Gauge
- Low noise level at around 70 dbA
- HEPA-like cartridge filter with 150 sq. ft. of filtration surface providing 99.9% efficiency
- Pull out 3" deep dust drawer
- Inlet located on top of collector for ease of installation
- Reverse air pulse cleaning with manual pushbutton
- Large 10" wheels on back of unit and 5" swivel casters with brake on front of unit
- 11/14 ga metal construction with a heavy duty textured powder coat finish