

LASER FILTER EXHAUST SYSTEM
SERIES SPH-800



SPECIFICATIONS

Air flow	0-282 CFM ,0-480 m3/h
Max pressure	90" W.C. 22 kPa
Motor	(2) 1,0 KW <i>UL & CSA LISTED</i>
Voltage	110 V or 220 V/1/60
Dimensions	16 x 25 x 30 in High, 406 x 635 x 760 mm High
Filter Sequence	Pleated pre-filter 99.97% HEPA filter deep bed chemical media filter up to 100 lbs of chemical
Inlet	4" (100mm) Standard
Optional Inlets	2, 3 or 4 inch dia. (50, 75, 100mm)
Outlets	recirc.grill is standard
Optional	3", 4" (75, 100 mm) exterior vent collar
Decibel Level	62 dB at full speed
I/O	Optional
Suction hose	6 feet (2 M) & clamps

Optional Brushless or 3 fan arrangements are available to suit the application. Please contact the factory for details.

Installation

This unit is easily assembled (requires no tools) and does not require a technician. The deep bed chemical filter allows for maximum VOC removal. The chemical filter is lowered in from the top lid. The pre-filter and 99.97% HEPA are also lowered into the unit from the top lid and ensure the removal of particles as small as 0.3 microns in diameter. Motors are easily accessed and serviced by removing the bottom caster plate.

Description

This is a self contained unit, that can connects directly to the laser engraving system via flexible heavy duty grounded hose that is provided. The inlet collar can accommodate a 2", 3" or 4" (50,75 or 100mm) diameter collar hose connection as well as multiple connections to treat more than one system. Discharge air is recirculated back into the room via a discharge grill located at the side of the system. However, there is an optional side collar adapter kit to allow venting to the exterior if required. The unit is very quiet, and takes up very little floor space (approx. 1.25 sq. ft./0.19 sq.m) At 30 inches (762mm) high the unit is ideal to be tucked under a table or the end of the laser system. This can save precious floor space. If required the entire system is easily relocated via industrial grade casters on the bottom of the exhaust unit. All of the filter elements can be replaced without the need for tools in very short order. The inexpensive filters make this an economical solution for most end users.

Information Subject to change without notice