

**LASER FILTER EXHAUST SYSTEM**  
**SERIES SPH-835**



**SPECIFICATIONS**

<b>Air flow</b>	<b>0-360 CFM ,0-610 m3/h</b>
<b>Max pressure</b>	<b>90" W.C. 22 kPa</b>
<b>Motor</b>	<b>(3) 1,0 KW <i>UL &amp; CSA LISTED</i></b>
<b>Voltage</b>	<b>220 Volts/1/60 only</b>
<b>Dimensions</b>	<b>16 x 25 x 30 in High, 406 x 635 x 760 mm High</b>
<b>Filter Sequence</b>	<b>Pleated pre-filter 99.97% HEPA filter deep bed chemical media filter up to 100 lbs of chemical</b>
<b>Inlets available</b>	<b>1.5", 2", 3" and 4" dia. (must specify)</b>
<b>Outlets</b>	<b>recirc.grill is standard</b>
<b>Optional</b>	<b>3" or 4" exterior exhaust collar</b>
<b>Decibel Level</b>	<b>65 dB at full speed</b>
<b>I/O</b>	<b>Optional</b>
<b>Suction hose</b>	<b>6 feet (2 M) &amp; clamps</b>

**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 efficient removal of particles as small as 0.3 microns in diameter. System contains three high pressure vacuum blowers that are easily accessed by removing the bottom caster plate.

**Description**

This is a self contained unit, that can connect directly to the laser engraving system via flexible heavy duty grounded hose. The inlet collar can accommodate a 1.5", 2", 3" or 4" ( 38, 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. 2.7 sq. ft./0.25 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 long term solution for most end users.

Information Subject to change without notice