

LASER FILTER EXHAUST SYSTEM SERIES CSA-600



SPECIFICATIONS

Air flow	282 CFM - 480 m3/h
Max pressure	90" W.C. 22 kPa
Motor	(2) 1,0 kW UL&CSA Listed
Voltage	110 or 220 VOLTS / 1 / 60
Dimensions	13 x 21 x 45 in High 330 x 540 x 1140 mm High
Filter Sequence	Antimicrobial Hi-Capacity Bag Filter Safety 6" 90% ASHRAE pleated filter 99.97% HEPA filter 66 lbs (30 kg) deep chemical filter
Approx. Weight	138 lbs (63kg)
Optional Inlets	2"(50mm), 3"(75mm) , 4"(100mm) STD
Discharge:	Recirculation Grill is standard
Optional:	3"(75mm) or 4" (100mm) side collars for Venting to the exterior
Decibel Level	62 dB at full speed
I/O	Optional
Suction hose	6 feet (2 M) of heavy duty hose &clamps



Installation

This unit is easily assembled (requires no tools) and does not require a technician. The primary and main bag-filter is accessed and changed in minutes through the side access door. *The large capacity of the bag filter allows for economical operation of the system.* The 15" deep chemical filter and 99.97% HEPA filter are lowered in from the top lid. Motor brushes are accessed and changed in minutes via a hinged access door. Brushless units are also available.

Description:

This is a self contained unit, that connects to the laser system via flexible heavy duty grounded hose that is provided. The inlet collar diameter is flexible to accommodate any size laser without the requirement of field modifications. The discharge can either be vented to the exterior or recirculated into the room to allow end-user flexibility to work with the environment. The discharge size can be 2", 3" or 4" diameter to suit the installation. The unit is very quiet, and takes up very little floor space (approx. 2 sq. ft.).

It can operate up to 30ft away from the laser system effectively. 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 primary bag filter protects and prolongs the life of the HEPA and chemical filter. The pre-filter is slipped on and off effortlessly minimizing downtime.

Information Subject to change without

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