

LASER-AIR ES1400

Electrostatic Smoke/Particulate Controller



Shown with RSU12-CCXR

- ◆ Particulate removal as small as .01 microns (1 micron = 1/25,400 of an inch) efficient to 99%.
- ◆ Dual stage electrostatic smoke collection.
- ◆ Electronic collectors eliminate the need of replacement HEPA filters.
- ◆ Easy removal of collector assemblies for cleaning.
- ◆ Can accommodate up to 1400 CFM air flow.
- ◆ Dual wheel, swivel, hooded casters for easy mobility.
- ◆ System interlock for servicing.
- ◆ 3 Year Limited Warranty.

Superior to ordinary mechanical filters, the LASER-AIR ES1400 Electronic Filter uses the ionization/corona process through which highly charged collecting plates act as magnets to attract and hold particulate as small as smoke which are ducted out of a laser engraver. Similar to systems we have built over the years for tobacco smoke removal from casinos, bingo halls, and smoking lounges, the particulate residue from the engraving process remains on the collecting plates until the collector assembly is washed or wiped clean. Contaminated air in the engraving chamber is drawn through the ES1400 by the blower assembly on an accompanying RSU odor controller and then pushed through the RSU's deep bed carbon cartridge for odor removal (no HEPA filter required).

Air Flow and Mechanical

CFM	1400 maximum
Collector	Dual electronic particle (smoke) collectors. Washable or cleanable.
Collecting surface	6170 square inches
Duct Diameter Out	6", 8" or 12"
Duct Diameter In	6", 8" or 12"
Ionizer ports	26
Use with	RSU12-CCXR, RSU20-CCXR, RSU24-CCXR or RSU48-CCXR

Electrical

115 VAC / 60Hz or 220VAC / 50 Hz	Yes
On/Off switch	10 Amp
Power on indicator lamp	Red
Grounded 3-prong power cord	6 Ft

Dimensions

Overall	24.5" H x 19.5" L x 16" W
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