

SSU-3

- ◆ Designed for 24 hour – always on operation
- ◆ Captures VOCs and odors
- ◆ Pre-filter removes particulate to 10 microns
- ◆ Optional casters offer roll-around capability
- ◆ Duct-in, duct-out, or full room air scrubbing



- ◆ Speed selectable from approximately 1000 CFM to 4500 CFM
- ◆ Easy servicing; re-fillable carbon cartridges
- ◆ Modular for easy transport through doors or up stairs
- ◆ Multiple filter towers connect via ducting
- ◆ The Simple Solution

An **electrocorp** SSU (Square Scrub Unit) will deliver up to 4500 CFM of air scrubbing capacity. The maximum CFM of air flow through the SSU depends upon the size of the blower that is shipped with the system as well as the number of filter banks that are included. Depending how ordered, an SSU will: 1) scrub and recirculate a room's entire air volume; or 2) accept a contaminated air stream via ducting into its filters, or 3) duct its clean air exhaust into another room or process machinery. When shipped as a re-circulating Odor Controller, an SSU first utilizes pre-filters to remove airborne dust particulate to 10 microns in size. Then, after scrubbing your room's air of VOCs, the SSU exhausts its scrubbed air out the top of its blower assembly toward the ceiling. Enlarging the upper air volume (already the best air in the room for most facilities), a laminar, ceiling to floor air flow is created across the entire room similar to manufacturing cleanrooms. Contaminated air (including VOCs and dust) is constantly pushing down from the ceiling.

Fan Assembly:

Galvanized steel housing features baked powdercoat finish
 Permanently lubricated sealed ball bearings
 Direct drive
 External rotor motor, Class B insulation
 Automatic reset thermal overload protection
 Suitable for airstream temperatures up to 140 degrees F
 Three year warranty on fan

Air Flow and Mechanical:

Rated Air Flow

Up to 4500 CFM +/- 10%
 (speed controllable)
 yes

Replaceable pre/post-filter - collects particles to 10 microns
 Refillable carbon cartridges for gas removal
 Casters allow easy placement and removal
 Sound level (at 3500 CFM - free air)

yes
 Optional
 81 dB

Electrical:

UL / CSA approved blower powered by split capacitor motor
 Continuous duty rated unit can be run 24 hours
 Power cord length - ft. (additional lengths up to 20' available)
 Voltage - Amps

1
 yes
 6'
 115V/13.05 amps or 460V 3 phase/3.82
 amps or 220V/8 amps

Dimensions and Weights:

Length / Width / Height (without blower)
 Carbon content (carbon #100) - total
 Operating Weight (with carbon; without blower)

39" x 39" x 88"
 564 lbs.
 947 lbs.