

Portable Air Cleaner

Applications:

Welding Fumes
Grinding Dust
Soldering Fumes
Powders
VOC Fumes

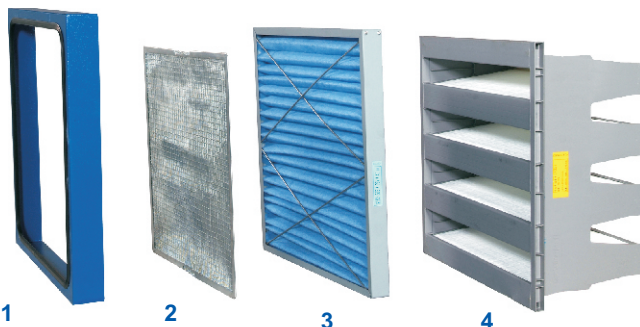
Avani's SPC-1000 is a portable user-friendly fume extraction filtration unit, designed for "point of origin" extraction at any work area. It combines a high efficiency motor with an aggressive aluminum impeller, for increased air flow (CFM) at the point of extraction. This product with its highly efficient three stage filtering system makes it a perfect choice for welding, grinding, polishing, metal cutting, plastic production and many other fume extraction applications.



Features

- Three stage filtration system
- Heavy gauge, powder coated steel shell
- Unit supports
 - (1) 6" diameter fume arm at 7' or 10' lengths
 - (1) 8" diameter fume arm at 7' or 10' lengths
- UL approved, push button control box
- High efficiency, fully enclosed motor with aggressive aluminum impeller
- Minihelic static pressure gauge

3 Layers of High Efficiency Filtration



1 Filter Frame

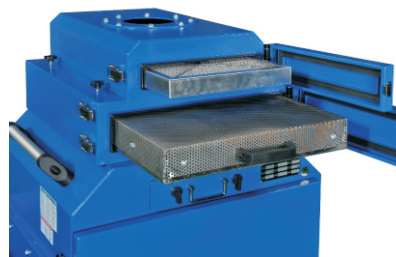
2 Stainless Filter captures up to 95 % of sparks and steels chips down to 1 micron.

3 Pleated Prefilter captures 35% of 1-2 micron small particles and absorbs oil to extend the life of the pleated and HEPA filter.

4 Pleated Filter: 95% ASHRAE

Options

- 6" or 8" diameter steel fume arm at 7' or 10' lengths
- 6" diameter "economy" fume arm at 7' or 10' lengths
- Larger diameter fume arm hood
- HEPA filter (for hexavalent chromium)
- Carbon Filter
- Halogen light kit
- Three phase motor
- Oversized casters



Carbon Option



Easy access to filters

TECHNICAL DATA

Nominal air flow at base	1025 CFMs
Motor	1.5 HP TEFC NEMA
Motor power supply	120V, single phase, 60 Hz
Dimensions:	38.3"w x 32.2" d x 46.1 h
Noise level	77 DbA @ 3.25'
Weight (w/o arm)	350 lbs
Weight (with 1630P arm)	392 lbs

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