Avani’s SPC-3000 and SPC-5000 portable air cleaners are designed to exhaust and filter large volumes of smoke and more dry air impurities than smaller units. The higher air flow allows for multiple fume arms.

SPC-3000/5000 Portable
Filter large smoke volume

1500-2340 CFM

Applications:
- Welding fumes
- Grinding dust
- Soldering dust
- Dry dust
- Powders
- VOC fumes

Additional Ports

Easy Access Service

Clean out Drawers
Features:
Three stage filtration*:
- Metal mesh filter
- Filter cartridge rated at 99% @ 1 micron
- Carbon after filter
Manual pulse jet cleaning system
Heavy gauge, powder coated steel shell

SPC-3000 supports:
- (2) 6” diameter fume arms at 7’, 10’ or 14’ lengths
- (1) 8” diameter fume arm at 7’, 10’ or 14’ lengths

SPC-5000 supports
- (2) 8” diameter fume arm at 7’, 10’ or 14’ lengths

UL approved, push button control box
High efficiency, fully enclosed motor
Aggressive aluminum impeller
Dust entrapment tray

*other media is available

Options:

SPC-3000
- 6” diameter fume arms at 7’, 10’ or 14’ lengths
- 8” diameter fume arm at 7’, 10’ or 14’ lengths

SPC-5000
- 8” diameter fume arms at 7’, 10’ or 14’ lengths
- Larger diameter fume arm hood
- Minihelic static pressure gauge
- Air pressure gauge
- HEPA filter (for hexavalent chromium)
- Carbon Filter (exhaust side)
- Optional filter media available upon request
- Halogen light kit
- Three phase motor
- Oversized casters
- Teflon Polyester Spun Bond filter

Meets OSHA’s air quality standards

---

**TECHNICAL DATA**

<table>
<thead>
<tr>
<th></th>
<th>SPC-3000</th>
<th>SPC-5000</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Airflow at base</td>
<td>1500 CFM</td>
<td>2340 CFM</td>
</tr>
<tr>
<td>Filter Area</td>
<td>760 sq ft</td>
<td>760 sq ft</td>
</tr>
<tr>
<td>Motor</td>
<td>3 HP TEFC NEMA</td>
<td>5 HP TEFC NEMA</td>
</tr>
<tr>
<td>Motor power supply</td>
<td>230 / 460V, 3PH</td>
<td>230 / 460V, 3PH</td>
</tr>
<tr>
<td>Dimensions:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Width</td>
<td>38”</td>
<td>41”</td>
</tr>
<tr>
<td>Depth</td>
<td>48.5”</td>
<td>53”</td>
</tr>
<tr>
<td>Height</td>
<td>70.5”</td>
<td>75”</td>
</tr>
<tr>
<td>Compressed air requirements</td>
<td>90 PSI</td>
<td>90 PSI</td>
</tr>
<tr>
<td>Noise Level</td>
<td>70 dB(A) @ 3.25 ft</td>
<td>76 dB(A) @ 3.25 ft</td>
</tr>
<tr>
<td>Net weight</td>
<td>783 lbs</td>
<td>783 lbs</td>
</tr>
</tbody>
</table>