

PS-150/300/500 Welding Fume Extractor



- 1 Plant Efficiency Improvement
- 2 OSHA & EU-OSHA Compliance



PS-150



PS-300/500

Various fume arm sizes for field appliance

◆ Specification:

Model No.	PS-150	PS-300	PS-500
Motor	1.5HP	3 HP	5 HP
Airflow	1100 ft ³ /min 1867.8 m ³ /hr	1500 ft ³ /min 2547 m ³ /hr	1936 ft ³ /min 3289.3 m ³ /hr
Arm Port Available	Ø 4" (100mm) x 2 or Ø 6" (150mm) x 1	Ø 6" (150mm) x 2 or Ø 8" (200mm) x 1	Ø 6" (150mm) x 2 or Ø 8" (200mm) x 1
Machine Size (cm)	100 x 78 x 168	120.7 x 104.1 x 180.4	120.7 x 104.1 x 180.4
G.W. (kg)	260	275	305

*We reserve the right to make changes in products in order to improve design or performance characteristics without further notice.



Appliance:

1. Welding Fume Collection
2. Grinding Dust Collection
3. Dry Dust Collection

Option:

1. HEPA Module
2. Extraction Arm

Product Features :

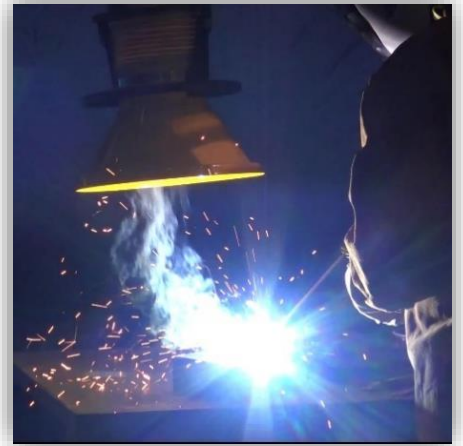
1. Magnetic Switch
2. Manual air pulse jet cartridge cleaning system
3. Easy Maintenance
4. 3-Stage Filtration
5. RoHS Powder Painting
6. Equipped with $\varnothing 6''$ (152mm) inlet for conduct connection

Filtration Stage:

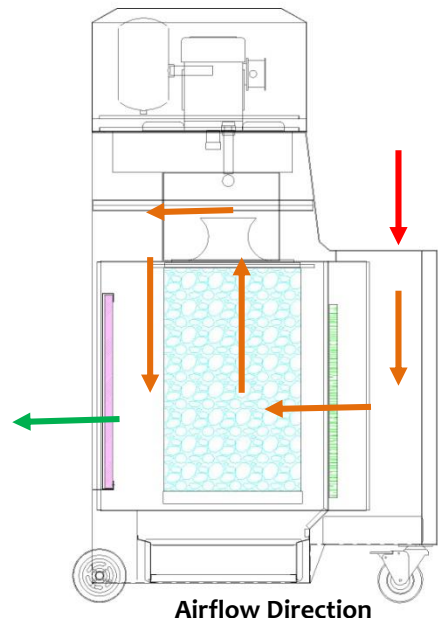
1. Aluminum Mesh
2. Cartridge Filter
3. Activated-Carbon Filter

How does the extraction/filtration work?

1. Fume extracted via extraction port
2. Welding sparkles & larger dust filtered by aluminum filter.
3. Larger dust fall onto the dust drawer below
4. 95% of 0.4 micron dust captured by cartridge filter
5. Odor adsorbed by activate-carbon filter
6. Clean air returns to environment



Extracting Welding Fume via fume arm



Filters

