



FE-2010-S Portable Fume Extractor

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



◆ Specification:

| | | | |
|------------------|----------------------------------------------------|-------------------------------|-----------------------|
| Model No. | FE-2010-S | | |
| Motor | 800W *2 | Arm Port Available | Ø 2-1/2" (63.5mm) x 1 |
| Airflow | 230 ft ³ /min 390 m ³ /hr | Machine Size (w/o arm) | 726 x 338 x 481 mm |
| | | N.W. / G.W. (kg) | 25 / 27 |

*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



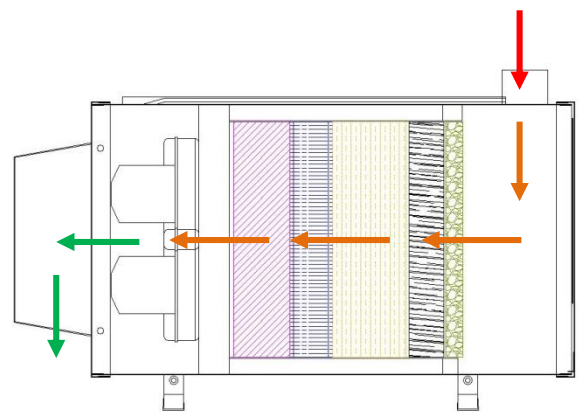
Welding Fume Extraction

Product Features :

1. Lightweight & Portable Design
2. 2-Speed Control
3. Dual Carbon-Motor Design

Filtration Stage:

1. Aluminum Filter
2. Prefilter 35%
3. Prefilter 85%
4. Pleated Filter
5. HEPA



Airflow Direction

How does the extraction/filtration work?

1. Fume extracted via the hood and being passed through the hose.
2. And then being filtered by Aluminum Mesh or seizing sparks and steel chips.
3. Conducted through 35% prefilter and 85% prefilter for small particles capturing and oil absorption.
4. With the pleated filter, fume being captured up to 85% of the 1 micron particles.
5. Before exhausted out to the workplace, noxious fume filtered by up to 99.97% HEPA of 0.3 micron particles as the compliance to OSHA & EU-OSHA.

Filters



1



2



3



4



5



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◆ Specification:

| | | | |
|------------------|----------------------------------------------------|---------------------------|-----------------------|
| Model No. | FE-2010A-S | | |
| Motor | 800W *2 | Arm Port Available | Ø 2-1/2" (63.5mm) x 1 |
| Airflow | 230 ft ³ /min 390 m ³ /hr | Machine Size | 960 x 433 x 1170 mm |
| | | N.W. / G.W. (kg) | 50 / 60 |

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Appliance:

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

Option:

1. Manual Pulsejet Cartridge Cleaning

Product Features :

1. Lightweight & Portable Design
2. 2-Speed Control
3. Dual Carbon-Motor Design
4. 3-Stage Filtration

Filtration Stage:

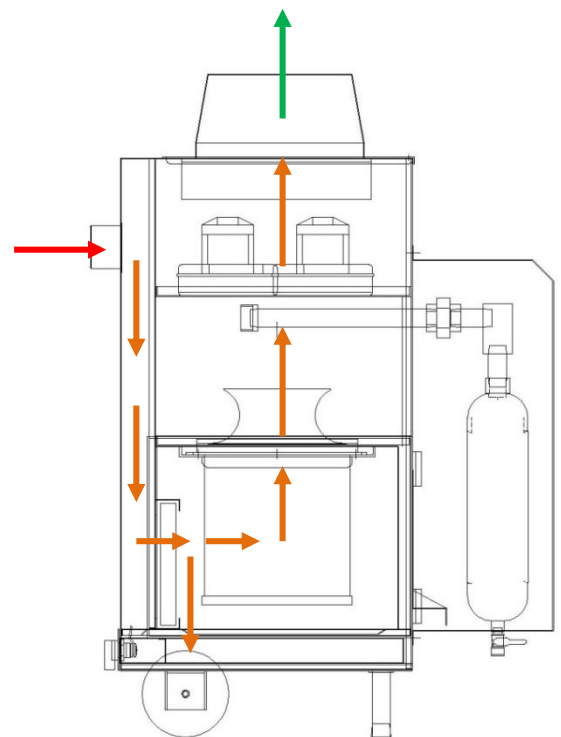
1. Aluminum Filter
2. Cartridge Filter
3. HEPA Filter

How does the extraction/filtration work?

1. Air extracted via the extraction hood
2. Air conducted to Aluminum Filter for seizing sparks and larger particles
3. Larger particles dust falling down onto the dust collecting drawer.
4. 95% of 1 micron particle captured when air passing through Cartridge Filter
5. Before air being exhausted out, noxious fume filtered by up to 99.7% of 0.3 micron
6. Clean air returns to workplace.



Welding Fume Extraction



Airflow Direction

Filters



1



2



3