



## Portable Dust & Fume Collector

### AERmobi

The **AERmobi** is designed specifically for:

- **Weld Dust & Fume – Grinding Dust**
- **Process Dust**

The AERmobi is a mobile extractor with a washable filter cartridge for mechanical cleaning of welding fumes and light dust applications. The unit is rated 720 CFM at the hood which translates to 3200 fpm face velocity.

The machine has the capacity to handle large amounts of dust which is filtered in a 2 stage process. The filters do not need to be washed each time. However, when full, they are simply removed, emptied and returned for reuse. **Unlike most manual clean cartridge filters where the dirt is collected on the outside, the AERmobi cartridge air flow is inside out. Therefore, when removing the cartridge, your hands will be clean when dumping the weld smoke or dust.**

The AERmobi is robust and very maneuverable with the large caster wheels and the dual push handles. The AERflex arm comes in either 7' or 10' lengths. The AERflex comes standard with built-in damper, flame proof hose and proven parallelogram design.

#### **FEATURE & BENEFITS**

- **720 CFM**
- **VERY COMPACT SIZE 22" x 26" x 38" plus arm**
- **High EFFICIENCY UP TO 99+%**
- **LOW OPERATING COSTS**
- **LOW MAINTENANCE**
- **LOW NOISE BELOW 75 dBA**
- **DIRECT DRIVE BI BLOWERS**
- **14 GA. BAKED ENAMEL**
- **TOOL-LESS ACCESS**
- **3 YEAR WARRANTY**
- **1 HP, 120/1/60 w/10' cord**
- **OFF/ON SWITCH WITH OVERLOAD**
- **160 POUNDS**
- **Std. Spun bond filter 150 ft<sup>2</sup> with**



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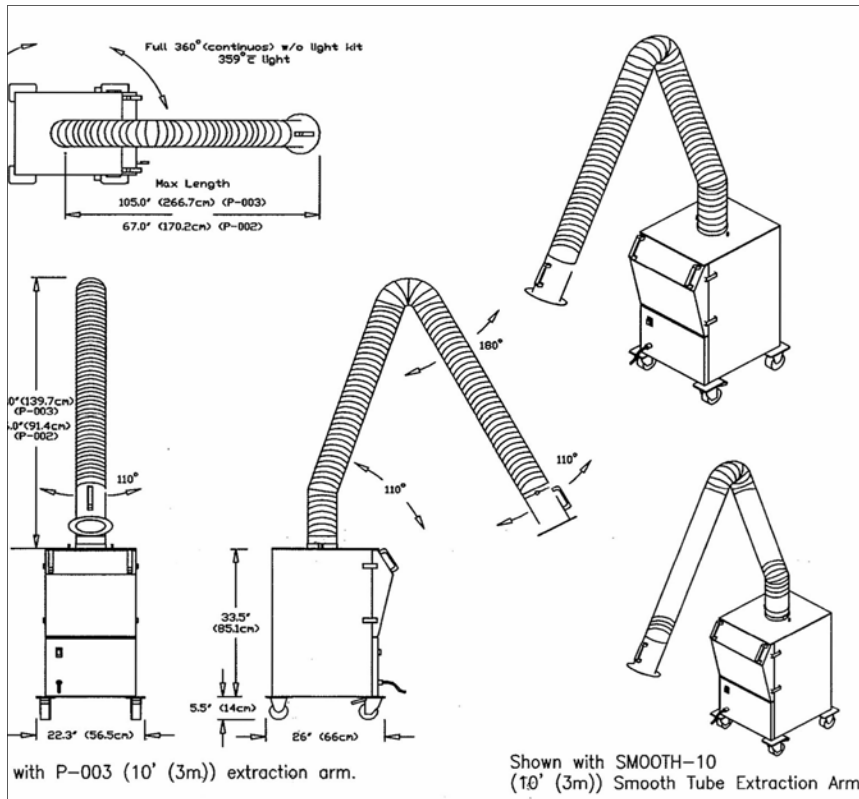
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Mobile Filter AERmobi cartridge filter. Mobile mechanical filter for welding fumes, grinding dust etc. Compact and flexible unit made of powder painted steel sheet. Fan 0,75 kw (1hp), 120 V, 1-phase, 2400 m3/hr (1400 ft3/m) free-blowing, 1250 m3/hr, 720 CFM through the hood. Comes standard with 1-Pre-filter and 1-Cartridge fine filter which filters more than 99% of the particulate. Active filter surface 14 m2 (550 in2). Delivered complete with starter, overload. Protection, cable, and plug. The AERmobi filter offers both high volume extraction, and a high degree of filtration – up to 99.9% efficiency. The extraction arm captures fume and dust at a distance of 30-50 cm (12-20") from the source and within an area of 0.5m (20") diameter. The arm can be rotated through 360°. Designed w/ parallelogram technology & 3 spring-assisted joints. Black hood w/ optimized airflow & ring handle & built in damper. Flame proof PVC hose 160mm (6.5")Ø. This unit can also be fitted with an activated carbon filter which removes gases from polluted air.

| Part #      | Qty | Type   | Description  |
|-------------|-----|--|--|
| AP902 Y 16  | 1   | AERflex extraction arm                         | 2m (6.7') for mounting to AERmobi  |
| AP903 Y 16  | 1   | AERflex extraction arm                         | 3m (10') for mounting to AERmobi   |
| AP3192 B 16 | 1   | Preventative Maintenance Pressure Gauges, etc. | Filter holder for Replacement Filters. This holder is required to be used for all replacement filters except when using the standard P-160 (the holding apparatus is built-in with this filter)  |
| AP906 B 16  | 1   | Replacement filters                            | Replacement filter cartridge >99%, 14 m2 (550in2). (Same as filter that comes with the unit.) Please note: This filter can be cleaned with compressed air, Average life: 6 months to 1 year under average "Non-Production" conditions. |
| AP6816 B 16 | 1   | Replacement filters                            | Filter holder for Cylindrical (open both ends) filter. Required when using the following filters; AP7FRO-3300 & AP7FRO-3150  |
| APP-SB-160  | 1   | Replacement filter                             | 100% Spunbond 150 ft <sup>2</sup>  |
| APP-SB-230  | 1   | Replacement filter                             | 100% Spunbond 230 ft <sup>2</sup>  |
| APP-SB-300  | 1   | Replacement filter                             | 100% Spunbond 300 ft <sup>2</sup>  |