

Model 300 RuggedAir - 7' Heavy-Duty Arm



Model # SS-300-RGD-7HDA-MP1/32CF

The **Model 300 RuggedAir** Mobile Fume Extractor helps protect the operator's breathing zone from harmful airborne fumes and particulates produced from many industrial processes such as *welding, metal working, solvents use, powder handling, and working with chemicals*. Capable of providing up to 530 CFM of air volume, the **RuggedAir** captures most pollutants at the source before contaminating the larger work space.

This system features a cleanable **Micro-Pleat Series 2 Particulate Filter** that offers the ability to clean the filter with compressed air without removing it from the unit's chassis. After cleaning, excess dust and waste falls into the internal dust pan, allowing for easy and clean debris removal. Other filter options include a **32 lb disposable Activated Carbon Filter** for chemical fume control.

The digital display allows the operator to monitor the saturation of the filter with a digital Magnehelic Gauge and hour counter. As the filter becomes saturated, the static pressure increases and the digital readout will display this increase in pressure. Once the pressure reaches a certain point, the filter will need to be cleaned. The hour counter helps the operator know how long it's been since the last filter cleaning to ensure consistent PM schedules.

The **7' Heavy-Duty Extractor Arm** provides self-supportive 360° radius fume capture allowing the operator to move the 10" capture hood closer to the source. Made of 7" diameter air-craft grade aluminum and flexible segments of flame-retardant hose, the **7' Heavy-Duty Extractor Arm** outfits the **Model 300 RuggedAir** to provide fume and particulate control for high intensity industrial applications. Also available, the **Model 300 RuggedAir Python** [SS-300-RGD-PYT] offers fume extraction in hard-to-reach areas with a 12' long flexible Python hose.

The compact **Model 300 RuggedAir** comes with a sturdy portability handle and four industrial grade locking casters allowing the operator to easily move the unit. Other standard features include a reset button on the capture hood of the system.



Model 300 RuggedAir with 7' Heavy-Duty Arm



The Model 300 RuggedAir allows the operator to easily adjust the heavy-duty extractor arm to optimize extraction.

Product Features

- **Includes:** digital Magnehelic Gauge, digital hour counter, reset button on hood, heavy-duty casters, portability handle, and 7' Heavy-Duty Extractor Arm
- Reliable, low maintenance operation
- No exterior ducting required
- Long filter life
- "No tool" filter change



Digital Magnehelic Gauge and hour counter



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Fume & Particulate Removal

Product Specifications



Dimensions are approximate.



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Base Unit Dimensions	Diameter: 30" Height: 27" with plenum
Arm Dimensions	7" diameter, 7' long Heavy-Duty Extractor Arm
Arm Material	Rigid segment: Aircraft-grade aluminum, 7" diameter Flexible segment: Black Flex Sentry™ flame-retardant hose Capture Hood: 10.5" round powder coat aluminum hood
Weight (approximately)	100 lbs.
Air Volume (approximately)	Up to 530 CFM with Micro-Pleat Series 2 Filter
Electrical	115/1/60, 2 amps 8' grounded power cord with NEMA 5-15P plug
Sound Level (3' from inlet)	High: Approx. 74 dba Low: Approx. 48 dba
Main Filter Options	Cleanable Micro-Pleat Series 2 Particulate Filter (MERV 15) 32 lb Disposable Activated Carbon Filter HEPA [up to 99.97% efficiency on particles 0.3 microns and larger]
Limited Warranty	Limited two-year warranty from date of shipment on defects due to materials or workmanship.
Patent #	#13/463,347 Pending