

MINI-VAC-SERIES

PORTABLE DUST COLLECTORS



Mini-Vac™ 66-1E:
Designed for single work area applications; 120 CFM air flow offers maximum collection power.



Mini-Vac™ 66-2E:
(2) E-Z Arm® 2.5 Extractor Arms; 105 CFM per arm, for multiple work areas with high-efficiency collection.



Mini-Vac™ 66-3E:
(3) E-Z Arm® 2.5 Extractor Arms; delivering stand-alone air flow levels of 85 CFM per arm.

Compact Portable Filtration with High-Efficiency Air Cleaning

The Airflow Systems Mini-Vac™ portable source collection system is a self-contained unit designed for close work areas with heavy airborne contaminants in worker breathing zones. It combines an E-Z Arm® Extractor Arm, blower, and filters in one compact system, available in single-, dual-, or triple-arm configurations, with optional bench mounting for fixed stations. Its 4.75-inch flanged intake hood delivers focused, high-volume collection of smoke, dust, odors, and other contaminants while preserving worker visibility and reach.

Options

- **Self-Supporting Arms:** Dual 2.5-in. dia. arms provide up to 105 CFM per arm; Triple 2.5-in. dia. arms provide up to 85 CFM per arm.
- **6-Foot Self-Supporting Arms:** Provides greater reach and 12-ft. collection area.
- **HEPA Final Filters:** 99.97% DOP efficiency.
- **Adsorption Filter:** Refillable filter to control gases and odors; available with a variety of sorbents.

Features & Benefits

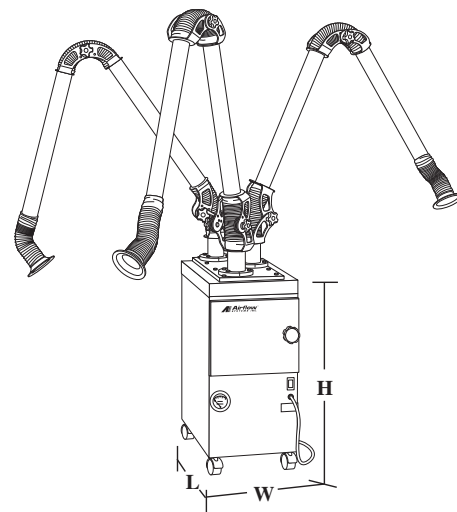
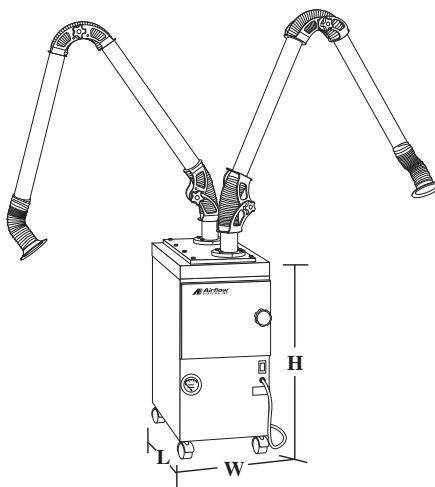
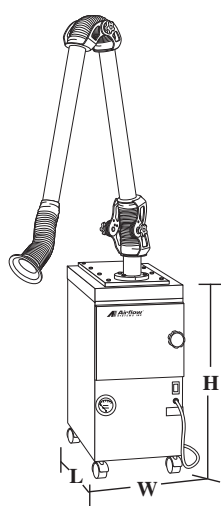
- **Complete, Self-contained Unit:** Versatile, easy to use; no installation required.
- **High Efficiency 3-stage Filtration:** Provides up to 99.97% filtration efficiency.
- **Direct-drive Blower:** Higher static pressure, longer filter life and greater reliability; non-sparking; no belts or pulleys to replace.
- **Non-electrostatic Operation:** High reliability, low maintenance.
- **Narrow Width Design:** Permits access and maneuverability in tight spaces.
- **Plug-in Operation with any 115V Outlet:** Can be used anywhere, no special wiring required.

Industrial Applications

Laboratories, welding, smoke, soldering, grinding, powders, fumes, shops, dusts, gluing, schools, forensics, vapors, ceramics, curing

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Model Specifications

	Mini-Vac™ 66-1E	Mini-Vac™ 66-2E	Mini-Vac™ 66-3E
Construction	18 ga. welded steel, powder coated cabinet. Includes side access panel for maintenance.	18 ga. welded steel, powder coated cabinet. Includes side access panel for maintenance.	18 ga. welded steel, powder coated cabinet. Includes side access panel for maintenance.
Blower Pkgs (HP)	0.5	0.5	0.5
Noise Level (dBA)	61	61	61
Extractor Arm(s)	(1) 6-foot E-Z Arm® 2.5 Extractor Arm	(2) 6-foot E-Z Arm® 2.5 Extractor Arms	(3) 6-foot E-Z Arm® 2.5 Extractor Arms
Electrical	0.5 HP 115/1/60, 7.4 amps, std. 0.5 HP 220/1/50, 2.8 amps, opt.	0.5 HP 115/1/60, 7.4 amps, std. 0.5 HP 220/1/50, 2.8 amps, opt.	0.5 HP 115/1/60, 7.4 amps, std. 0.5 HP 220/1/50, 2.8 amps, opt.
Air Flow Max (CFM)	120	105 CFM each of (2) E-Z Arm® 2.5 Extractor Arms	85 CFM each of (3) E-Z Arm® 2.5 Extractor Arms
Standard Filters	Stage 1: 2-inch pleated filter, 25-30% efficiency Stage 2: 6-inch 95% extended surface cartridge filter Stage 3: 1-inch charcoal filter for gas and odor	Stage 1: 2-inch pleated filter, 25-30% efficiency Stage 2: 6-inch 95% extended surface cartridge filter Stage 3: 1-inch charcoal filter for gas and odor	Stage 1: 2-inch pleated filter, 25-30% efficiency Stage 2: 6-inch 95% extended surface cartridge filter Stage 3: 1-inch charcoal filter for gas and odor
Dimensions	W- 13.25" (16.86" with optional side inlet) H- 29.38" (with casters and top inlet) D- 20.5"	W- 13.25" (16.86" with optional side inlet) H- 29.38" (with casters and top inlet) D- 20.5"	W- 13.25" (16.86" with optional side inlet) H- 29.38" (with casters and top inlet) D- 20.5"
Weight (lbs.)	83	83	83