

AIRPOD

AMBIENT AIR CLEANER MODULES

Airflow
SYSTEMS INC.

SPECIFICATIONS

Construction:	16 ga. welded zinc-coated steel, powder coated cabinet. Acoustical lining in plenum and blower compartment.
Blower Pkgs (HP):	AirPod I & II: 2-speed forward curve, direct drive; (Optional AirPod II & III: Dynamically balanced BI blower, non-sparking, motor/blowers)
Noise Level (dBA):	66/65 (H/L - 3/4 HP)
Electrical:	AirPod I & II, standard: 3/4 HP - 115/1/60, 9.4 amps; AirPod III, standard: 3 HP - 208-230/460/3/60, 7.8-7.2/4 amps; optional: 3 HP - 230/1/60 11.7 amps
Dimensions:	W- 31" H- 24" (each AirPod module) D- 31"
Air Flow Max (CFM):	2500 (3/4 HP), 5000 (3HP), 4500 (3 HP with AD after-filter)
Weight (lbs.):	AirPod I: 192, AirPod II: 310, AirPod II-A; 248; AirPod III: 365



Reduce Airborne Dust Without Expensive Infrastructure

The AirPod Industrial Air Cleaner is a cost-effective, user-friendly industrial air filtration system for fine, airborne dust. The free-standing modular air cleaner offers a choice of panel filters, depending on the specific needs of the application. The AirPod provides ambient air filtration for processes such as grinding, sanding, surface finishing, woodworking, metal fabrication, and chemical / powder processing, warehousing, and training labs at vocational schools.

AirPod Air Filtration Process:

- 1 Airborne dusts settling to floor level are drawn into the four-sided air intake.
- 2 Dirty air is filtered; clean, cool air is then randomly discharged above the work area.
- 3 Discharged cool air, heavier than warm air, naturally falls to floor level.
- 4 Discharged air creates downward velocity forcing dirty air down to filter intake areas.
- 5 The AirPod creates a clean air cycle and a better work area within the breathing zone.



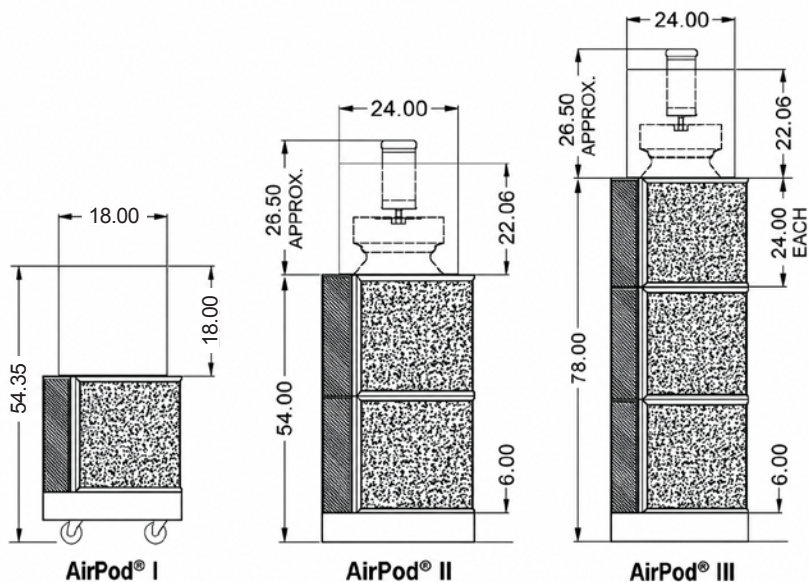
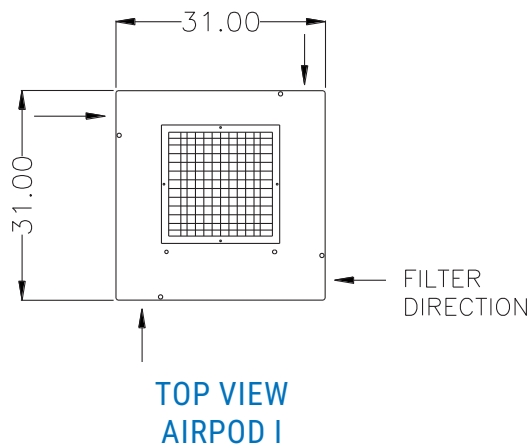
Model AirPod™ II, double-pod configuration

Features & Benefits

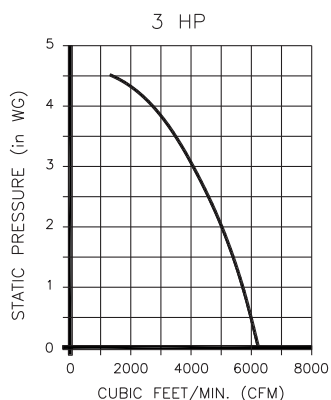
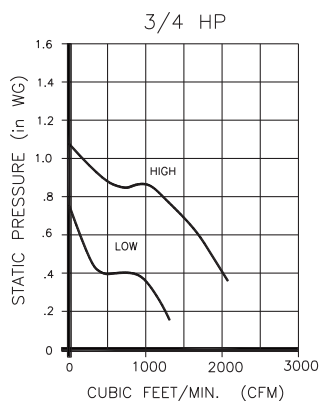
- **Flexibility:** AirPod modules may be stacked one, two, or three high, providing as much filtration capacity as needed.
- **Versatility:** The AirPod I comes standard with casters allowing the unit to be moved to the dust source with ease. The larger units can be easily positioned within the work area, each requiring a small 31" x 31" footprint.
- **Maximized Filter Surface Area:** Each AirPod module features standard panel filters on all four sides.
- **Efficient Filtration:** Standard filter has MERV 11 efficiency (98% at 1.0 to 3.0 microns) with UL® Class 2 flame-retardant filters; other MERV and AD/ carbon filter configurations are also available.
- **Easy Maintenance:** Fully visible, easy-access filters simplify monitoring and replacement.
- **Low Cost of Operation:** The AirPod uses standard disposable filters and requires no compressed air.

Industrial Applications

Grinding and sanding, warehousing, solid surface fabrication, plastics & composites, vocational schools & training, wood & metal fabrication, surface finishing, buffing, chemical & powder processing



PERFORMANCE CURVES



Filter Set Configurations		Filter Quantity		
		AirPod I	AirPod II	AirPod III
Standard	Filter, pleated (24" x 24" x 6"), MERV 11 efficiency	4	8	12
Option A	Filter, pleated (24" x 24" x 2"), MERV 11 efficiency	12	24	36
Option B	Poly pre-filter with spring-loaded frame (24" x 24" x 2")	4	8	12
	Filter, pleated (24" x 24" x 2"), MERV 11 efficiency	8	16	24
Option C	Poly pre-filter with spring-loaded frame (24" x 24" x 2")	4	8	12
	Filter, pleated (24" x 24" x 4"), MERV 11 efficiency	4	8	12
Option D	Poly pre-filter with spring-loaded frame (24" x 24" x 2")	4	8	12
	Filter, mini-pleat (24" x 24" x 4"), MERV 11, 122 ft ²	4	8	12
Option E	Poly pre-filter with spring-loaded frame (24" x 24" x 2")	4	8	12
	HEPA, 99.97% filter, metal frame (24" x 24" x 4"), MERV 17, rated 1500 CFM	4	8	12
Option F	Poly pre-filter with spring-loaded frame (24" x 24" x 2")	4	8	12
	Filter, pleated (24" x 24" x 4"), MERV 14, synthetic, washable	4	8	12
Option G	Poly pre-filter with spring-loaded frame (24" x 24" x 2")	4	8	12
	Refillable Module (24" x 24" x 3"), holds 30 lbs. of charcoal	4	8	12
Option H	Poly after-filter (24" x 24" x 1"), filter with plastic frame, MERV 17	4	8	12
	Poly pre-filter with spring-loaded frame (24" x 24" x 2")	4	8	12
	Charcoal filter, impregnated (24" x 24" x 2")	8	16	24