







HEPA Filtered Negative Air Machines

Mintie Technologies proudly announces a new, expanded line of HEPA-filtered air purification systems designed to meet your construction, infection control and bio-security needs. At Mintie Technologies, we understand the critical nature of controlling airborne contaminants and the need for reliable, durable, and compact negative air machines to help accomplish this task. With this in mind, we have broadened our product line to meet your various clean air needs.

	MINIFORCE II	600V	1000V	2000V	MI1600V	PureAir Blaster
						
Description	Smallest model	Slightly larger variable speed model	More versatile model for larger areas	Most powerful model with largest range	Upright model with upgraded HEPA filter	Lightest model has convenience outlets, stacks
Net Weight with Filters	40 lbs	55 lbs	75 lbs	110 lbs	140 lbs	36 lbs
Dimensions (LxWxH)	26.5"x14"x16"	30.5"x14"x18.5"	32"x18"x21"	34"x20"x29"	26"x20"x40"	25"x18.5"x18.5"
Operating Speeds	2 speed	Variable speed controller	Variable speed controller	Variable speed controller	Variable speed controller	Variable speed controller
Airflow Ratings (*Free Airflow)	350/425 cfm*	150-600 cfm*	300-950 cfm*	300-1900 cfm*	200-1600 cfm*	200-600 cfm*
Filtration Stages	3-4	3-4	3-5	3-5	3-5	3-4
Batch tested HEPA (99.97% @ 3µ) standard	Yes	Yes	Yes	Yes	No	Yes
Individually tested HEPA (99.99% @ 3µ) standard	No	No	No	No	Yes	No
Cabinetry	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Polyethylene
Closed End Rivet Construction	Yes	Yes	Yes	Yes	Yes	N/A
Silicon Sealed Seams before Riveting	Yes	Yes	Yes	Yes	Yes	N/A
Exhaust Collar Diameter	8"	8"	10"	12"	10"	10"
Carrying Handles with Rubber	1	2	2	2	Push Handle	1
Reinforced Caster Mounting Channels	Yes	Yes	Yes	Yes	Yes	N/A
Motor Horse Power	1/5hp	1/4hp	1/2 hp	1 hp	1 hp	Impeller Motor
Maximum Operating Amps	3.2 amps	3.5 amps	5.8 amps	12 amps	12 amps	2.2 amps
Thermal Overload Protection	Yes	Yes	Yes	Yes	Yes	Yes
Hour Meter	No	No	Yes	No	Yes	No
Pressure Gage	0-3" W.C.	0-3" W.C.	0-3" W.C.	0-5" W.C.	0-3" W.C.	LED Indicator

Manifold Kit for connecting NAM to Mintie Containment Unit standard with all units



containment products for airborne particulates

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Mintie Technologies proudly announces an expanded line of HEPA filtered Negative Air Machines (NAM) designed to meet your construction, infection control and bio-security needs. Units can be used with the Mintie Environmental Containment Unit (ECU) line for negative pressure containment and isolation or independently for freestanding filtration of harmful airborne particulates.

MF2*, 600V, 1000V, 2000V - These HEPA filtered Negative Air Machines provide 99.97% efficient air quality protection down to 3 microns. Built for durability and convenience all units are variable speed up to 600, 1000 and 2000 cfm respectively. Easily accessible gauges make it simple to check performance and schedule filter replacement. In addition to the standard dual stage poly pre-filter, carbon and other filter stages can be added as needed. *MF2 is 2 speed 350/425cfm.

MI 1600V - The Mintie Ico 1600V is a HEPA filtered Negative Air Machine providing the highest quality air quality protection. The variable speed unit provides 200 to 1600 CFM and can be used with a containment unit or for freestanding filtration. The individually checked HEPA filters are 99.99% effective, 300 fold more efficient than standard HEPA's. Two optional "J-shaped" UVGI lamps also provide additional germicidal sterilization. High capacity carbon filters are also available.

PureAir Blaster – The PureAir Blaster is a revolution in Negative Air Machine design. This new lightweight unit incorporates variable speed, stackability, convenience outlets for daisy chaining and increased filter variety for outstanding performance and versatility. It is intended for airborne contaminant filtration during construction, renovation or maintenance in occupied spaces or during abatement.

Impeller motor provides quiet and smooth variable speed operation (200-600cfm) with reduced weight, making the unit powerful and compact. Units can be stacked three high and four to five units can be daisy chained together making it easy to add additional units to meet higher CFM requirements or plug in additional tools. High density polyethylene plastic has UL 98HD flammability rating with UV inhibitor for durable in and outdoor use. Polyethylene surface also does not support bacterial growth and is easy to clean for safe and easy maintenance. Pre-filter compartment is 3.5" deep allowing for a variety of pre-filters including dual density poly pad (standard) and carbon (special order). Unit can use either HEPA (99.97% effective) or Geo95 (95% effective) final filters to meet filtration requirements of different projects economically.

HEPA filters are 99.97% efficient at capturing particles down to 3 microns for the safest possible, often mandatory, filtration of potentially contaminated air in occupied healthcare and other sensitive environments. **Geo95 filters** provide 95% efficient filtration at a lower cost and longer filter life for less critical environments still requiring high quality filtration. The filter combo gives users working in multiple types of environments the ability to switch between final filters, maximizing filter life and decreasing operational costs while maintaining the ability to meet the highest safety requirements. Inexpensive pre-filters (MERV 8) are used to remove the largest particles before air goes through the final filter, extending final filter life.