



BULLETPROOF DESIGN

SUPERIOR[AIRPRODUCTS.COM](https://www.superiorairproducts.com)



MADE IN AMERICA

Superior products are proudly
manufactured in Kansas!

877-411-1859

**404 INDUSTRIAL RD
GODDARD, KS 67052**

SUPERIORAIR**PRODUCTS.COM**



FULL LINE BROCHURE

SIMPLE • EFFICIENT • POWERFUL

Superior products are designed with
your production process in mind.

PLUG AND PLAY DESIGN

Allows our customers to stick to what they do best...
Manufacturing cutting-edge American made products.

8' SELF CLEANING CARTRIDGE STYLE BOOTH MODULE SBM8000

APPLICATIONS: FUME EXTRACTION, WELDING SMOKE COLLECTION, COMPOSITE DUST, CAPTURE DRY DUST/POWDER

HIGH PERFORMANCE DESIGN

The SBM8000 is a sleek booth module that features 10,000 CFM of airflow out of the gate. Equipped with our exclusive filter actuators standard, you can raise and lower the filters at the touch of a button for a filter change that only takes a few minutes!

The SBM8000 uses high performance, 99.97% efficient self cleaning nano fiber FR with Power-Pulse, allowing for easy cleaning and unbeatable performance!

VIRTUALLY ANY BOOTH SIZE

Whatever your needs, the SBM8000 has you covered! Sold individually or equipped with the booth of your choice. Our regain air option effectively doubles the airflow characteristics of the booth with a push/pull design.

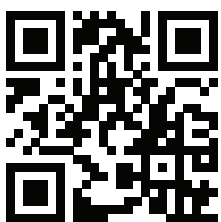
POWERFUL, YET QUIET

By using a 7 1/2 horsepower fan in a larger blower package, we achieve high volumes of airflow without the noise of some of our competitors.

SEE IT IN ACTION

See just how easy it is to change the filters on the SBM8000!

Scan this code with your smartphone or visit: <https://goo.gl/CaggNb>



FOOTPRINT:	96"W x 40" D x 119" T
FILTRATION:	8 ea. SF High efficiency Nano Fiber FR Cartridge Filter
MAXIMUM CFM:	10,000 CFM
MOTOR/BLOWER:	7 1/2 HP DirectDrive
VOLTAGE/AMP:	208/230 or 460V 3 phase (22 or 11 AMPS)
WEIGHT:	1,800 LBS
CONTROLS:	Starter/overload prewired with on/off push button. Pulse controls prewired
CABINET/FINISH:	12 G welded steel finished w/Superior blue paint inside & out
EXHAUST:	Top upblast and forward regain

TWO CARTRIDGE VERTICAL DUST COLLECTOR SDC2

APPLICATIONS: PLASMA, LASER, WELDING, CUTTING, BUFFING, POLISHING, GRINDING, PHARMA, WOOD CHIPS, BLASTING



FOOTPRINT:	20"W x 40" D x 90" T (68" Tall w/drawer setup)
FILTRATION:	2 ea. 210 SF High efficiency Nano Fiber FR Cartridge Filters
MAXIMUM CFM:	1,500 CFM
MOTOR/BLOWER:	3 HP DirectDrive standard, 5 HP optional
VOLTAGE/AMP:	208/230 or 460V 3 phase, 3 HP (9.6 or 4.8) 5 HP (15.2 or 7.6)
WEIGHT:	800 LBS
CONTROLS:	Starter/overload prewired with on/off Push button. Pulse controls prewired w/timer
CABINET/FINISH:	10/12 G welded steel finished w/Superior blue paint inside & out

FOUR CARTRIDGE VERTICAL DUST COLLECTOR SDC4

APPLICATIONS: PLASMA, LASER, WELDING, CUTTING, BUFFING, POLISHING, GRINDING, PHARMA, WOOD CHIPS, BLASTING

FOOTPRINT:	55"W x 60" D x 137" T (w/o blower)
FILTRATION:	4 ea. 250 SF High efficiency Fire Retardant Cartridge Filters
MAXIMUM CFM:	3,000 CFM
MOTOR/BLOWER:	5 HP DirectDrive Standard Optional 5 HP, 7 1/2 HP and 10 HP BI top mount fans available
VOLTAGE/AMP:	208/230 or 460V 3 phase (AMPS vary on motor selection)
WEIGHT:	800 LBS
CONTROLS:	starter/overload prewired with on/off push button. pulse controls prewired
CABINET/FINISH:	7/10 G welded steel finished w/Superior blue paint inside & out



HEAVY DUTY CONSTRUCTION

Every Superior dust collector is made from a combination of 7, 10, and 12 gauge material. Every unit is powder coated for maximum durability inside and out.

WHY VERTICAL FILTERS?

Vertical filters are far more effective than horizontal filters for two reasons.

1. Dust does not stack up on vertical surfaces.
2. Filters are more easily cleaned in a vertical state, which makes them last longer.

BUILT IN ABRASIVE INLET

All Superior dust collectors have a built in abrasive inlet with heavy duty impact plate. This forces the dust particles down into the hopper, and only fine dust is drawn onto the cartridges. This reduces dust loading, making filters last longer, and there is no need for expensive add on equipment.

FOUR CARTRIDGE VERTICAL DUST COLLECTOR X SDC4X-SDC4X3

APPLICATIONS: PLASMA, LASER, WELDING, CUTTING, BUFFING, POLISHING, GRINDING, PHARMA, WOOD CHIPS, BLASTING



SDC4-X



SDC4-X2



SDC4-X3

54"W x 60" D x 205" T

4 ea. 500 SF High efficiency Nano FR Cartridge Filters

6,000 CFM

5 HP DirectDrive standard, 5, 7 1/2, 10 HP BI top mount fans available
208/230 or 460V 3 phase (AMPs vary on motor selection)

800 LBS

110"W x 60" D x 205" T

8 ea. 500 SF High efficiency Nano FR Cartridge Filters

4,000 - 12,000 CFM

5 HP DirectDrive standard, 5, 7 1/2, 10 HP BI top mount fans available
208/230 or 460V 3 phase (AMPs vary on motor selection)

1,600 LBS

165"W x 60" D x 205" T

8 ea. 500 SF High efficiency Nano FR Cartridge Filters

4,000 - 18,000 CFM

5 HP DirectDrive standard, 5, 7 1/2, 10 HP BI top mount fans available
208/230 or 460V 3 phase (AMPs vary on motor selection)

2,200 LBS

SOLOBOX SB1000

APPLICATIONS: FUME EXTRACTION, WELDING SMOKE COLLECTION, ODOR CONTROL, CAPTURE ANY DRY DUST & POWDER

FOOTPRINT:	24"W x 25.5" D x 47.5" T
FILTRATION:	1 ea. SF High efficiency Fire Retardant Cartridge Filter
MAXIMUM CFM:	1,000 CFM
MOTOR/BLOWER:	1 HP DirectDrive Blower
VOLTAGE/AMP:	120V Plug in (16.0 AMPS)
WEIGHT:	140 LBS
EXHAUST:	Top Upblast
CABINET/FINISH:	12 G welded steel finished w/Superior blue paint inside & out



The Solobox is designed to provide high volume capture of welding smoke, dust or other contaminants at the source. Featuring 120v power and easy wall mounting brackets built in, this unit takes minutes to install.

SELF CONTAINED DOWNDRAFT TABLE 24" X 36" SD23

APPLICATIONS: GRINDING, WELDING, CUTTING, BUFFING, POLISHING

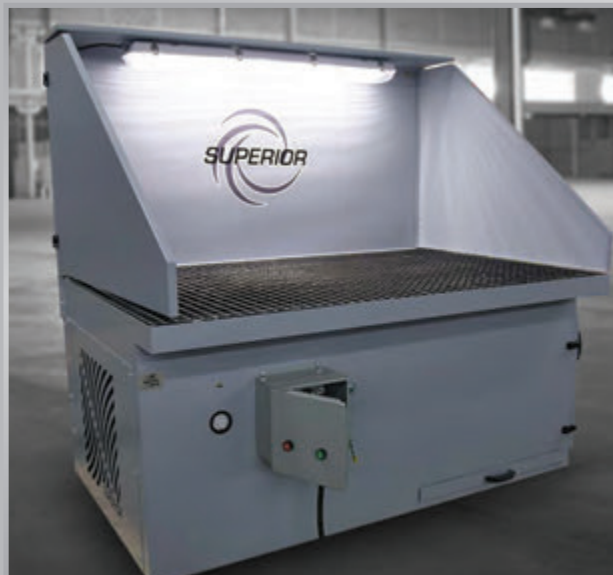


FOOTPRINT:	33"W x 25" D x 70" T (75" w/caster wheels)
FILTRATION:	1 ea. 146 SF High efficiency Nano Fiber FR Cartridge Filter
MAXIMUM CFM:	500 CFM, 250 FPM Downdraft
MOTOR/BLOWER:	3/4 HP DirectDrive Blower
VOLTAGE/AMP:	120V Single phase or 3 phase (16.6 AMPS)
WEIGHT:	350 LBS
CONTROLS:	On/off switch prewired, push button pulse
CABINET/FINISH:	12/14 G welded steel finished w/Superior grey paint inside & out

SELF CONTAINED DOWNDRAFT TABLE 48" X 72" SD46

APPLICATIONS: GRINDING, WELDING, CUTTING, BUFFING, POLISHING

FOOTPRINT:	72"W x 48" D x 70" T (75" w/caster wheels)
FILTRATION:	2 ea. 250 SF High efficiency Fire Retardant Cartridge Filters
MAXIMUM CFM:	6,000 CFM, 250 FPM Downdraft
MOTOR/BLOWER:	5 HP DirectDrive Blower
VOLTAGE/AMP:	208/230 or 460V 3 Phase (15.2 or 7.6 AMPS)
WEIGHT:	600 LBS
CONTROLS:	starter/overload prewired, push button pulse
CABINET/FINISH:	14 G welded steel finished w/Superior grey paint inside & out



SEE IT IN ACTION

Scan this code with your smartphone or visit:
<https://goo.gl/iMBt9c>



DOWNDRAFT TABLE SOLUTIONS

Downdraft tables provide the perfect combination of a workbench and air filtration system in one unit! Our downdraft benches and tables are completely customizable for whatever job you are working on and can be used in a variety of applications. Many of the industrial fumes and dust particles can be dangerous to your eyes and respiratory system. Our powerful downdraft tables will pull these harmful particulates downward and away to be filtered from the air you breathe.

SELF CONTAINED DOWNDRAFT TABLE 36" X 55" SD34

APPLICATIONS: GRINDING, WELDING, CUTTING, BUFFING, POLISHING



FOOTPRINT:	55"W x 36" D x 70" T (74" w/caster wheels)
FILTRATION:	1 ea. 250 SF High efficiency Nano Fiber FR cartridge filter
MAXIMUM CFM:	3,500 CFM, 250 FPM Downdraft
MOTOR/BLOWER:	1 1/2 HP DirectDrive Blower
VOLTAGE/AMP:	208/230 or 460V (9.8 AMPS at 208/230, 4.9 AMPS at 460V)
WEIGHT:	450 LBS
CONTROLS:	On/off switch prewired with push button pulse
CABINET/FINISH:	14 G welded steel finished w/Superior grey paint inside & out

SELF CONTAINED DOWNDRAFT TABLE 48" X 96" SD48

APPLICATIONS: GRINDING, WELDING, CUTTING, BUFFING, POLISHING

FOOTPRINT:	96"W x 48" D x 70" T (74" w/caster wheels)
FILTRATION:	2 ea. 250 SF High efficiency Nano Fiber FR cartridge filters
MAXIMUM CFM:	8,000 CFM, 250 FPM Downdraft
MOTOR/BLOWER:	10 HP DirectDrive Blower
VOLTAGE/AMP:	208/230 or 460V 3 phase (28 or 14 AMPS)
WEIGHT:	800 LBS
CONTROLS:	On/off switch prewired
CABINET/FINISH:	12 G welded steel finished w/Superior grey or blue paint inside & out



PLUG AND PLAY DESIGN

Our downdraft tables are fully self contained, meaning all you have to do is plug it in and go to work! Prewired from the factory, our tables are designed to exceed 250 foot per minute of downdraft suction. Dirty air is run through a highly efficient cartridge filter and clean air is exhausted to the left of the workstation.

BUILT IN TRIPLE PROTECTION

For applications that involve sparks, we have pre-engineered 3 levels of spark arresstance.

1. Drop out tray for heavy slag.
2. Wrap around all but the bottom 20% of the cartridge.
3. Fire retardant coating on filter.

EFFICIENT

The cartridge filter is self cleaning at the push of a button with compressed air and effectively removes dust at 99.97% efficiency.

FLOOR/CEILING MOUNT MIST COLLECTOR SMC3000

APPLICATIONS: CNC MACHINING, MILLING, BORING WITH: STRAIGHT OIL, WATER SOLUBLE COOLANTS, HYDRAULIC FLUID



FOOTPRINT:	35"W x 31" D x 100" T
FILTRATION:	Standard 2" Baffle, 2" Mesh with 95% Primary Oil Mist Bag
MAXIMUM CFM:	3,000 CFM
MOTOR/BLOWER:	3 HP or 5 HP DirectDrive Fan Package
VOLTAGE/AMP:	208/230 or 460V, 3 HP (6.8 or 3.4 AMPS) 5 HP (15.2 or 7.6 AMPS)
WEIGHT:	400 LBS
EXHAUST:	Top Side Exhaust
CABINET/FINISH:	12 G welded steel finished w/Superior blue paint inside & out

Designed to be ducted to multiple machining centers. This machine is highly efficient and works well where machine mount systems are not feasible. Available in 3 HP or 5 HP, this unit can be used to control oil/smoke/mist in up to 5 machining centers.

FLOOR/CEILING MOUNT MIST COLLECTOR SMC6000

APPLICATIONS: CNC MACHINING, MILLING, BORING WITH: STRAIGHT OIL, WATER SOLUBLE COOLANTS, HYDRAULIC FLUID

FOOTPRINT:	70"W x 31" D x 100" T
FILTRATION:	Standard 2" Baffle, 2" Mesh with 95% Primary Oil Mist Bag
MAXIMUM CFM:	6,000 CFM
MOTOR/BLOWER:	5 or 7.5 HP DirectDrive Fan Package
VOLTAGE/AMP:	208/230 or 460V (22 AMPS at 230V, 11 AMPS at 460V)
WEIGHT:	600 LBS
EXHAUST:	Top Side Exhaust
CABINET/FINISH:	12 G welded steel finished w/Superior blue paint inside & out



Designed to be ducted to multiple machining centers. This machine is highly efficient and works well where machine mount systems are not feasible. Available in 5 HP and 7.5 HP, this unit can be used to control oil/smoke mist in up to 10 machining centers.

MACHINE MOUNT MIST COLLECTOR SMC500

APPLICATIONS: CNC MACHINING, MILLING, BORING WITH: STRAIGHT OIL, WATER SOLUBLE COOLANTS, HYDRAULIC FLUID



FOOTPRINT:	19.75" Diameter, 29" T
FILTRATION:	1 ea. moisture wicking multi-layer fiberglass and screen filter
MAXIMUM CFM : 1	500 CFM
MOTOR/BLOWER:	1/2 HP DirectDrive Fan
VOLTAGE/AMP:	120V or 208/230/460V 3 phase (9.8 or 21.0 AMPS)
WEIGHT:	50 LBS
EXHAUST:	Top 6" Exhaust
CABINET/FINISH:	12 G welded steel finished w/Superior blue paint inside & out

Designed to mount on top of your CNC machine and drain directly back into the cabinet. Saves valuable floorspace. Can be mounted with a stand or from the ceiling. The round design is engineered to allow the mist out and agglomerate on the side walls of the unit before it reaches the self draining filter.

AMBIENT AIR CLEANER SAC3000

APPLICATIONS: FUME EXTRACTION, WELDING SMOKE COLLECTION, OIL MIST, ODOR CONTROL, DUST/MIST/VAPOR CAPTURE

FOOTPRINT:	25"W x 25" D x 72" L
FILTRATION:	2 ea. 24" x 24" x 4" Merv 8 Pleats and 2 ea. 24" x 24" x 30" 95% Bags
MAXIMUM CFM:	3,000 CFM
MOTOR/BLOWER:	3/4 HP DirectDrive Blower
VOLTAGE/AMP:	120V Single phase std (13.8 AMPS)
WEIGHT:	180 LBS
EXHAUST:	Square mesh outlet plenum
CABINET/FINISH:	12 G welded steel finished w/Superior blue paint inside & out



The SAC3000 is designed to draw air through both sides of the air cleaner and exhaust cleaner air out the middle of the unit. Usually sold in multiple units to create an airflow pattern in the area of your shop that needs to be cleaned.

PORTABLE DUST COLLECTOR W/FUME ARM SP1500

APPLICATIONS: CNC MACHINING, MILLING, BORING WITH: STRAIGHT OIL, WATER SOLUBLE COOLANTS, HYDRAULIC FLUID



FOOTPRINT:	25"W x 72" L x 25" T
FILTRATION:	1 ea. Nanofiber FR Cartridge with 200 sq. ft. of media
MAXIMUM CFM:	1,500 CFM
MOTOR/BLOWER:	1 1/2 HP DirectDriven
VOLTAGE/AMP:	120V Plug in (16.0 AMPS)
WEIGHT:	280 LBS
EXHAUST:	Top upblast and forward regain
CABINET/FINISH:	12 G welded steel finished w/Superior blue paint inside and out

The SP1500 is designed to provide high volume capture of welding smoke, dust or other contaminants at the source. Featuring 120v power and an easy roll design, you can take this unit wherever you need clean air.

ROBOTIC OR MANUAL WELD CELL HOOD RH1500

APPLICATIONS: FUME EXTRACTION, WELDING SMOKE COLLECTION

FOOTPRINT:	54"W x 54" D x 55" T
FILTRATION:	2 ea. Nanofiber FR Cartridges
MAXIMUM CFM:	1,500 CFM
MOTOR/BLOWER:	3 HP DirectDrive Blower
VOLTAGE/AMP:	120V or 208/230-460V (18, 5.2, or 2.6 AMPS)
WEIGHT:	420 LBS
EXHAUST:	Top Upblast
CABINET/FINISH:	12 G welded steel finished w/Superior blue paint inside & out



No need for ducting or custom hoods. The Superior RH1500 comes standard with a 54" x 54" canopy hood. We can build custom sizes to suit your application. Units can also be banked side by side for larger coverage.

FILTERS

Need a replacement filter to keep your system running clean? We have got you covered!

Superior Air offers a full line of OEM filters for ANY unit and need at very competitive prices. Call today for quick shipping anywhere!



MAINTENANCE

Keep your investment running smoothly and efficiently!

Don't want to burden your maintenance team with another piece of equipment to service? Let our Superior expert technicians take care of you!

We offer expert service technicians and maintenance plans to ensure the quality and extend the life of your system.

CUSTOM SYSTEMS

Don't See It? We Can Build It!

Superior Air is one of the few companies in the USA that will design and build a custom unit that meets your needs.

Always priced fairly. No job too small or too large.



CUSTOM DESIGNED SYSTEMS MADE IN AMERICA

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