

**MBA**Mediablaster®
Cabinets By:**MEDIA BLAST®**
MADE IN THE USA591 W. Apollo St., Brea CA.
92821 (714) 257-0484
www.mediablast.com

VAC 110 Vacuum Dust Collectors

Smaller abrasive blasting cabinets, light duty models, often use the less expensive shop vacuum to operate and create a small negative pressure inside the cabinet required for any dry abrasive blasting cabinets. Media Blast® offers two vacuum dust collectors that make a huge difference in ability to operate small blasting cabinets.

Most shop vacuums and vacuum blower operated sandblast cabinet dust collectors offer only a small filter dust storage area. The VAC-110 line of vacuum dust collectors offers 110 sq.ft. of certified cartridge filtration but not much room for the trash, sawdust and paper you might find on the garage floor! Both units include a 100% welded CRS cabinet construction, a two stage vacuum blower moving over 100 cfm of air volume, lifting handles vacuum connection hose and the units also have a built in silencer to lower the operating noise level. The VAC-110 Deluxe adds in a manually operated filter cleaning outside rapper assembly and a sliding dust removal drawer to allow cleaning the cartridge without removing anything but the dust drawer.

These units cost more than a plastic shop vacuum you find at any local hardware store, but they store lots of dust, have a huge dust storage filter for longer machine operation and many other features you don't find on typical Shop Vacuums. Typically used with small blasting cabinets operating with 16 cfm of compressed air or less, using glass beads as the abrasive media on a limited 5% daily machine duty cycle.

FEATURES INCLUDED WITH THE VAC-110 AND VAC-110 DELUXE VACUUM DUST COLLECTOR

- 100% welded cabinet construction
- Vacuum hose from blasting cabinet to VAC-110
- MERV certified 110 square foot filter cartridge
- Vertical filter cartridge for increased cleaning efficiency
- Removable blower plenum with latches
- Built in plenum silencer for noise reduction
- Plenum lifting handles
- Vacuum blower 2-stage for high static pressure
- Over 100 cfm of blower cfm air movement
- Power supply cord, all MBA models using this dust collector include a service cord for on-off control

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110 Vacuum Dust Collectors



The VAC-110 Deluxe has the outside filter rapper assembly with slide out dust pan for easy dust removal

FEATURES INCLUDED WITH ONLY THE VAC-110 DELUXE VACUUM DUST COLLECTOR

- Slide out dust removal pan
- Manually operated outside filter cartridge rapper assembly

MODEL VAC-110	BLOWER CFM	FOOTPRINT	OVERAL DIMMENSIONS WITH DOOR ARCS	DUST COLLECTOR SPECIFICATION	ESTIMATED SHIPPING WT.
VAC-110	105 cfm vacuum type	15" x 15"	18" x 16" x 26"H	Filter Cartridge 110 sq.ft. area	Wood crate 110 lbs
VAC-110 Deluxe	105 cfm vacuum type	15" x 21"	15" x 21" x 30"	Filter Cartridge 110 sq.ft. area	Wood crate 120 lbs

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4 & 6 – Cartridge, Automatic R/P Dust Collectors

Free standing automatic timed reverse pulse cleaning dust collectors are used for extended blasting operations, multiple guns or multiple machine operation and or multiple daily shifts to help reduce dust collector maintenance time and increase daily production. They can include an optional Negative Pressure HEPA After Filter commonly used for Cell Operation to increased filter efficiency. The automatic-timed-reverse/pulse cleaning cycle (R/P) is pulse time adjustable but this collector also includes the manual reverse pulse cleaning controls allowing filter cleaning with the blower on or off. The unit is shipped with its adjustable legs crated and shipped in the lowered position allowing complete machine assembly and shipment using standard enclosed common carrier trucking. These dust collectors include: Two Dust Air Inlets, Integrated Vacuum Cleaning Assembly, Magnahelic Cartridge Filter Monitor Gauge, 20 Gallon Capacity Dust Waste Drum and they comes standard with 2HP 1100 CFM Blower and Blower Silencer with larger optional 3 HP blower assembly.

The Media Blast R/P Free Standing Dust Collectors are available in two model sizes, 4-Cartridge with 880 square feet of filter surface or 6-Cartridge with 1320 square feet of filter cartridge surface. Both occupy almost the same machine footprint.

These dust collectors are built for sandblasting application unlike the horizontal filter units commonly found on the market for lighter dust loads.

Air Pollution Agencies favor vertical filters for sandblasting cabinets to gain the advantage of gravity during automatic reverse pulse cleaning.

Both units include the Integrated Vacuum Clean-Up Assembly, Adjustable Legs for easy shipment with vertical filters and Magnahelic Monitor Gauge just to mention a few.

Each dust collector includes two service access doors for filter inspection and service, a large dust storage hopper reducing blast machine service and the automatic timed reverse pulse cleaning cycle with manual over-ride controls.

Unlike Industry Dust Collectors that often only collect minor amounts of dust using horizontal filters, Media Blast models use vertically installed filters using gravity to help remove 100% of the dust collected on the filters unlike horizontally installed filters.

Media Blast® has designed these dust collectors for operation with Abrasive Blasting Cabinets.

SPECIFICATIONS:

MODEL	BLOWER	FOOTPRINT	OVERALL	FILTER AREA	SHIP WT
880	1100cfm	48" x 36"	48" x 40"	880 Sq.Ft.	1100 lb.
1320	1100cfm	48" x 36"	60" x 40"	1320 Sq.Ft.	1350 lb.

Standard Height 113" Crated Height 90"

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4 & 6 – CARTRIDGE AUTOMATIC R/P CLEANING DUST COLLECTORS by MEDIA BLAST®



880 4-Cartridge with Legs
Extended Ready for
Operation



Legs Lowered and
Crated for Shipment
to User Location



Quick Cleaning
Vertical Filters

- Adjustable Legs
- Leg Lag-Pads
- 2 Service Access Doors
- 2 Dust Inlets
- Large Dust Storage Hopper
- 20 Gallon Dust Waste Drum
- Automatic Reverse Pulse Cleaning Cycle
- Pulse Amplification Nozzles
- Manual Pulse Cleaning Over-Ride Controls
- Outside Serviceable Pulse Valves
- Integrated Vacuum Cleanup
- Magnahelic Monitor Gauge
- 2HP Blower with Silencer
- Optional 3HP and 5HP Blower
- Optional HEPA After Filtration



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DC 220 & 440 Dust Modular Collectors

The DC 220 and 440 dust collector are two models for use with many sandblasting cabinets. These dust collectors can save space by being located in a different area. Not being attached to the cabinet can have advantages.

Both the 220 and 440 use the same welded cabinet chamber with the same exact footprint. Each uses the MERV Tested and Certified Filter Cartridge, (s), with 220 or 440 sq.ft. of filter area. Your application decides the filter cartridge number.

The DC 220 or 440 include a removable dust drawer for easy dust removal, a 700 cfm pressure blower assembly that also includes the blower silencer.

Blowers that move air do make noise and these two dust collectors move air so the blower silencer is included.

It is advised that operating the DC 220 or DC 440 also includes an internal blasting cabinet separator reclaimer to remove the dust and spent abrasive from the abrasive being recycled. Without a viable separator reclaimer this type of dust collector will lower the abrasive recycle rate by simply removing the good abrasive from inside the blasting cabinet.

The filter(s) are vertically mounted to save space but also understand when using any blasting cabinet vertical filter cartridges are superior to horizontal and favored by air pollution control agencies.

The inlet hose is listed as an option. This is because the location of the unit is unknown. Purchase as required but know that this is special hose for abrasive conveyors capable of higher static pressures without collapsing.

FEATURES INCLUDED WITH THE DC 220 and 440 Dust Collectors

- 100% welded cabinet construction 12 and 14 ga. CRS
- MERV certified 220 or 440 square foot filter cartridge, (s)
- Vertical filter cartridge for increased cleaning efficiency
- 700 cfm pressure blower using a 3/4 hp 120-volt blower motor with blower silencer
- 5" diameter air inlet standard
- Plenum chamber for less static and more blower cfm volume
- Pneumatic Vibrator Cartridge Cleaning Cycle, air switch operated
- Slide out dust drawer for easy dust storage and removal
- Large service access door for easy maintenance and inspection

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DC 220 & 440 by Media Blast®



Above showing the dual cartridge DC 440 and With optional casters factory installed, side shows single cartridge 220 sq.ft. filter

One dust collector model frame with one or two filter cartridges each totaling 220 square feet of MERV Tested and Certified Filter Cartridges.

Choose the filter area required for your exact machine duty cycle and blasting needs.

The DC 440 is also available with Optional Hopper Bottom Dust Storage because of the modular layout of the dust collectors.



OPTIONAL FEATURES AVAILABLE FOR THE DC 220 or DC 440 Dust Collectors

- 5" flexible polyurethane duct hose, sold by the foot
- 4 each post casters, easy assembly required to stability leg, post hole supplied shipped boxed
- Air pulse control in addition to vibrator cleaning cycle, used when vibrator is cycling for added cleaning ability
- Hopper bottom dust storage hopper with legs

MODEL DC 220 & DC 440	BLOWER CFM	FOOTPRINT	OVERAL DIMMENSIONS WITH DOOR ARCS	DUST COLLECTOR SPECIFICATION	ESTIMATED SHIPPING WT.
DC 220 & 440	700 cfm Pressure Blower, 550 running with 3.5" External S.P.	24" x 32"	24" x 32" x 56" H	Filter Cartridge 220 or 440 sq.ft. filter area	Wood crate 300 lbs

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VAC 110- 400 Dust Collector

Vacuum blower operated blasting cabinet dust collectors move only a small amount of cfm from the cabinet. Unless you are operating a smaller gun size, 16-cfm and less, visibility can be lower as the dust builds up inside the cabinet.

Abrasive separator reclaimers can remove the dust from the abrasive being recycled but only if your machine includes it. The VAC-110-400 from Media Blast® includes features from the VAC-110 Vacuum Dust Collector to include:

- 110 sq.ft. MERV Tested and Certified Filter Cartridge
- 400 CFM Class III Pressure Blower, Radial Impeller
- 1/2 hp blower motor, 3450 rpm
- 6' of polyurethane 4" diameter flexible hose for attachment to any blasting cabinet
- Removable blower plenum
- 120 volt electrical operation
- Service cord
- Stability legs with lag holes to prevent movement
- 14 and 12 gauge CRS construction, 100% welded

Options:

- Blasting Cabinet 4" diameter cabinet flange for easy bolt-on attachment of the dust extraction hose to any small blasting cabinet
- On-Off blower control switch mounted to the VAC-110-400

FEATURES INCLUDED WITH THE VAC-110 400 Deluxe Dust Collector

- 100% welded cabinet construction
- 4" diameter flexible polyurethane conveyor hose, 6'
- MERV certified 110 square foot filter cartridge
- Vertical filter cartridge for increased cleaning efficiency
- 400 cfm pressure blower
- Plenum lifting handles
- Power supply cord, all MBA models using this dust collector include a service cord outlet on blasting cabinet model for on-off control
- External cartridge rapper cleaning assembly
- Slide out dust drawer for easy dust removal
- Removable blower plenum for easy cartridge filter access

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VAC 110-400



MODEL VAC-110	BLOWER CFM	FOOTPRINT	OVERALL DIMENSIONS WITH DOOR ARCS	DUST COLLECTOR SPECIFICATION	ESTIMATED SHIPPING WT.
VAC-110-400	400 cfm Pressure Blower	15" x 15"	18" x 16" x 42"H	Filter Cartridge 110 sq.ft. area	Wood crate 200 lbs