

MAXIBENCH

AQC SOURCE CAPTURE EQUIPMENT

WORK BENCHES and FILTRATION SYSTEMS

- Available in 1000 CFM and 4000 CFM models
- Ideal for welding, grinding and sanding operations
- Manual or reverse pulse cartridge cleaning
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- Fixed for permanent installation or movable on casters

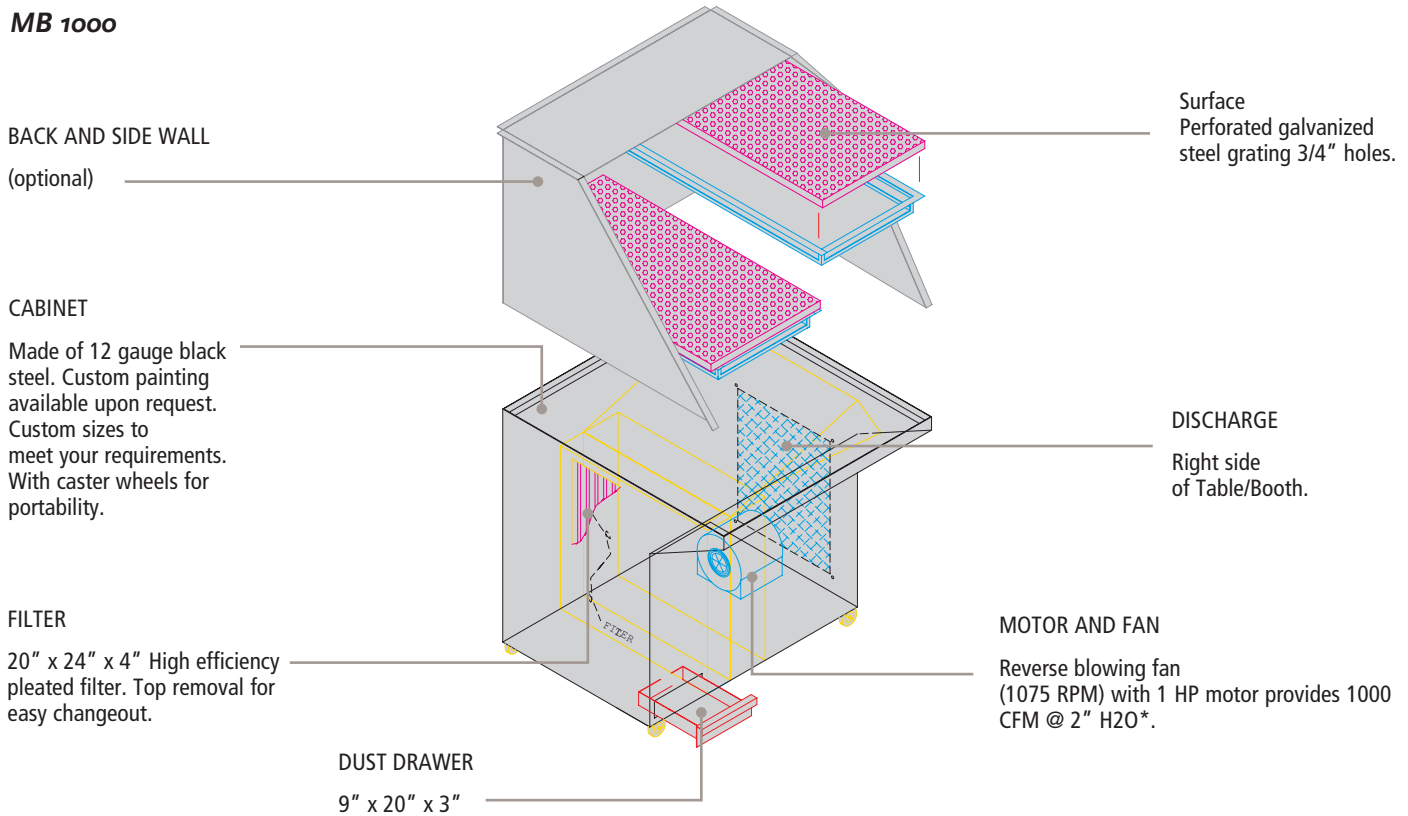


*Superior technology generating
substantial operating savings*



MAXIBENCH GENERAL DESCRIPTION AND FEATURES

MB 1000

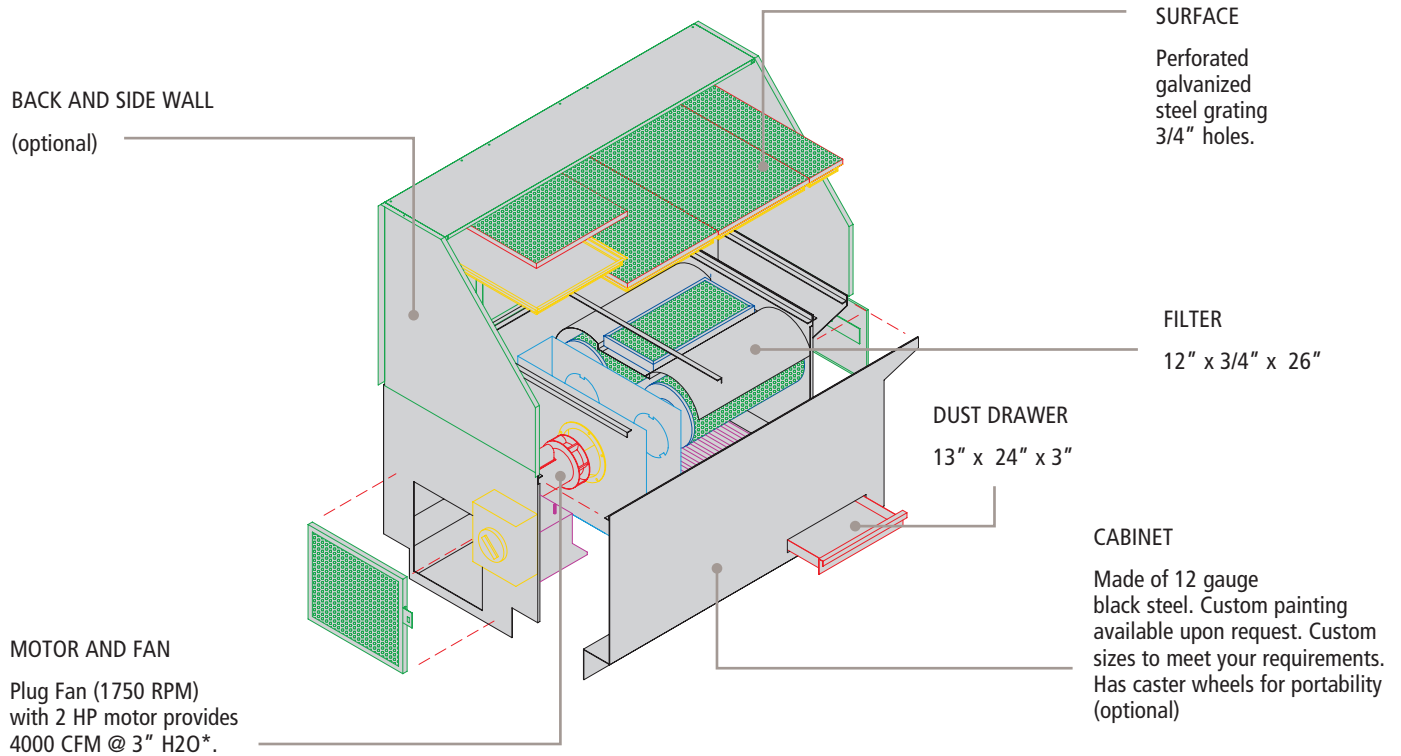


CABINET	
WEIGHT	300 lbs
DIMENSIONS	34" x 36" x 35"
OVER HANG	12" overhang
MATERIAL	Black Steel
THICKNESS	Reinforced 12 gauge
COLOR	Gray
PAINT FINISH	Powder coat
SURFACE GAL.	Steel
CLEAN OUT DRAWER	Front
OVERLOAD CONTROL BOX	Lockable
AIR FLOW	1000 CFM*
FACE VELOCITY	300 FPM
DB RATING	64 to 75 Db
OPERATING TEMPERATURE	70°F
CASTERS	Included
FAN	
MOTOR	1 HP 60 hz 120 volts
BLOWER MODEL	Reverse Blowing Fan 1075 RPM
OVERLOAD	14 amps max
BLOWER MODEL	-
CAPACITY	1000 CFM @ 2" H2O*

FILTERS	
QUANTITY	1
DIMENSION	20" x 24" x 4"
MATERIAL	Media
EFFICIENCY	95% at 0.03 micron
MAXIMUM OPER. TEMP	275°F
FILTER REMOVAL SERVICE	Through top
DISCHARGE	Right side of Table/Booth
SPARK ARREST FEATURES	
METAL MESH	Prefilter over filter (std)
SPARK TRAP	Water tray (std)
SPRAK TRAP	-
DUST DRAWER	9" x 20" x 3"
BAFFLES	For elimination of dust re-entrainment (std)
METAL MESH	Prefilters in grills (optional)
CLEANING SYSTEM	
TYPE	Manual
CONTROL	-
AIR PRESSURE	-
AIR PROPERTIES	-
COMPRESSED AIR TANK	
QUANTITY AND SIZE	-
LOCATION	-

MAXIBENCH GENERAL DESCRIPTION AND FEATURES

MB 2500 C (pleated cartridge)



CABINET	
WEIGHT	640 lbs
DIMENSIONS	36" x 72" x 36"
OVER HANG	12" overhang
MATERIAL	Black Steel
THICKNESS	Reinforced 12 gauge
COLOR	Gray
PAINT FINISH	Powder coat
SURFACE GAL.	Perforated galvanized steel grating 3/4" holes
CLEAN OUT DRAWER	Front
OVERLOAD CONTROL BOX	Motor Starter NEMA 12
AIR FLOW	4000 CFM*
FACE VELOCITY	310 FPM
DB RATING	64 to 75 Db
OPERATING TEMPERATURE	70°F
CASTERS	Included
FAN	
MOTOR	5 HP/3/60 hz TEFC 208/230/460/575
BLOWER MODEL	14" Wheel & Cone
OVERLOAD	Base on motor voltage
BLOWER MODEL	Tek polyamid
CAPACITY	2500 CFM @ 3" H2O*

FILTERS		
QUANTITY	2	
DIMENSION	12" x 3/4" x 26"	
MATERIAL	Cellulose, 260 ft2 area	Cellulose, 528 ft2 area and polyester (optional)
EFFICIENCY	97.5% at 0.05 micron	
MAXIMUM OPER. TEMP	275°F	
FILTER REMOVAL SERVICE	Through right side access	
DISCHARGE	Left side of Table/Booth	
SPARK ARREST FEATURES		
METAL MESH	Prefilter over filter (std)	
SPARK TRAP	Water tray (std)	
SPRAK TRAP	Semi-circle metal cartridges baffles	
DUST DRAWER	13" x 24" x 3"	
BAFFLES	For elimination of dust re-entrainment (std)	
METAL MESH	Prefilters in grills (optional)	
CLEANING SYSTEM		
TYPE	Reverse pulse through 2 ports	
CONTROL	Auto activated self-cleaning (5 or 10 pulse)	
AIR PRESSURE	Compressed air pressures 90-100 P.S.I.	
AIR PROPERTIES	Dry without oil	
COMPRESSED AIR TANK		
QUANTITY AND SIZE	1 per table 7-1/2" x 5-1/2" x 21" Long	
LOCATION	Internal Blower Compartment	

MAXIBENCH DOWNDRAFT SYSTEMS FOR A CLEAN AIR ENVIRONMENT

Most of our competitors do not include these standard features :

- Water trays spark arresters
- Fully welded steel cabinet
- Easy access removable dust drawers
- 95% at 0.03 micron efficiency
- Reinforced 12 gauge steel cabinet
- Ultra low noise level

IDEAL FOR WOODWORKING, PLASTIC, COMPOSITE AND METAL INDUSTRIES

Multi-application equipment

- Welding
- Grinding
- Mixing
- Dusts
- Cutting
- Sanding
- Batching
- Smoke

MB 1000



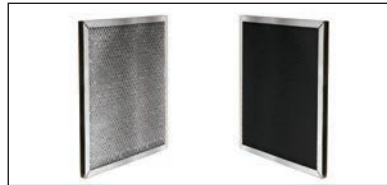
MB 2500



OPTIONS AND SPARE PARTS



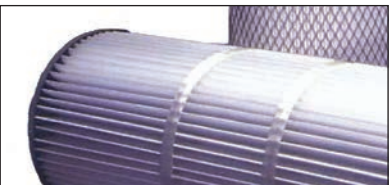
Neon lighting



Metal mesh spark arrester filters
and charcoal after filters



Pleated filters for MB 1000,
MB 1000 NFDA 651 et MB 2500 units



Pleated cartridges for MB-3000,
MB 4000 F et MB 4000 C units



Hinged side walls



Explosion proof motors



Explosion proof starters



Maxair fumes arms

Note: Maxibench units may be equipped with 3", 4", 5", 6" or 8" diameter Maxair fume arms such as shown below. Refer to Maxair leaflet for information. Downdraft benches are an interesting alternative when fume arms are not the solution

Note : specifications listed above may be modified to suit application. Contact AQC or representative for information.

Your A.Q.C.
representative is :

To obtain a free copy of our full-colour corporate brochure, please call : 1-866-629-4356



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