EUROVAC

EUROVAC ENCLOSURELESS SHAKER COLLECTOR

Why spend money on an enclosed shaker type dust collector for small woodshops when an open type shaker action will do the same job for less than half the price and get the same performance?

Features and advantages

Eurovac open type shaker dust collector offers the same high efficiency multi pocket filter envelope (95% at 5 microns and more) as the encosed version but built into an open type cabinet. Designed for interior installation, the greatest advantage is not requiring highly expensive spark detection and extinguishing device, no explosion vent and no blowback damper also known as isolation valves. Those NFPA safety devices alone can make any dust collector three times the price of the unit. Furthermore, the collector does not require return air ductwork since the filter allows redistribution of clean air through the four open sides!

The usual fan is a direct drive AMCA type B spark proof radial blade impeller and is installed next to the collector. The industrial grade powder coat painted steel frame comes with a hopper to help the dusts trickle down into the bin and a deflector located at the inlet ensures the larger chips are pushed into the bin thus helping the filter to catch only the finer particles. The filter is sateen finish interior to minimize ''caking'' on filter surface. The quick release lock latch on bin lid ensures there is no dust or air leakage since no flexible hose is used for connection between the hopper and the lid.

Maintenance is limited to rocking the broom handle type back and forth for a few minutes at the end of each shift. The unit is usually shipped fully assembled (except for fan mount) so minimal installation time which means more savings to the customer. The collector has a compact foot print with floor plates to anchor into the concrete floor. Adjustable height fan support legs are included along with a 30 gallon for low ceiling shops or 55 gallon drums for added dust containment.

NOTE: unit cannot be used to collect or filter reactive dusts such as aluminum or magnesium or processes which create sparks such as welding or grinding of metals. Unit is not designed to filter smoke or fumes.

General specifications (performance may vary if used with an 1800 RPM fan for lower Db level)

Filter surface	Max capacity	Motor (per s.p.)	Volts (3 phases)	Amp/F.L.A.	Footprint (no fan)
250 s.f/5 s.m	2000 CFM/950 L/S	5 HP/3.75 KW	230/460/575	15/8/6	52"x56"/130x140cm
375 s.f/6 s.m	3500 CFM/1650 L/S	7.5 HP/5.5 KW	230/460/575	21/11/9	52"x62"/130x155cm
500 s.f/7 s.m	4500 CFM/2125 L/S	10 HP/7.5 KW	230/460/575	29/15/12	52"x70"/130x175cm

OPTIONS: The *Eurovac* dust collectors are offered with magnetic starters, floor sweeps, VFD and more. A motorized shaker option is available. Contact your representative or Eurovac for more details.

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