

Polex™ MDC PC Reverse Pulse Cartridge Dust Collectors

MDC 40000 PC™ 55 kW

MDC PC series is an intelligent dust collector that automatically and continuously self cleans its filter cartridges with a reverse pulse action. The MDC PC is available with airflow from 4,000 to 256,000 m³/h.

It has been designed in Australia by experienced engineers to suit Australian industry requirements for a dust collector that requires the minimum amount of labour and energy to operate.

The MDC PC is supplied standard with a Rotary Discharge Valve (or airlock).

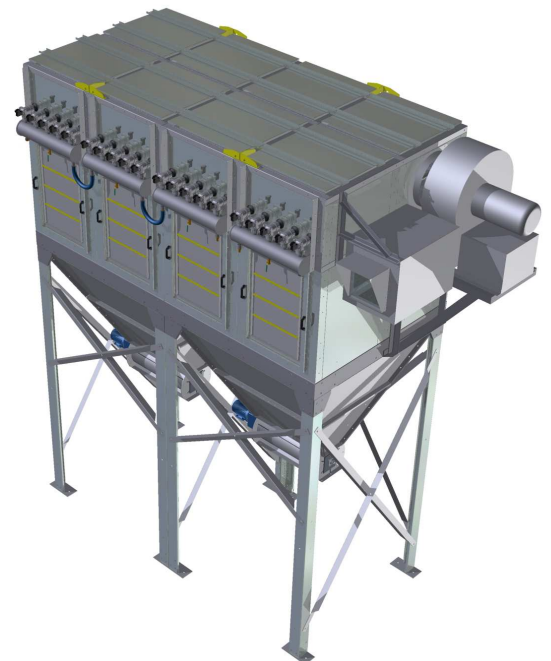
The MDC PC is supplied standard with a High Efficiency Clean Air Fan that produces around 25% more air than conventional Fans and saves on energy costs.

The Variable Speed Drive (optional) is a fantastic energy saving device that lowers and increases the power consumption of the fan motor when slide dampers are closed and opened.



Specifications

Model	MDC 40000 PC™ 55 kW
Fan Motor	55 kW, 4 pole, 3 phase, 415 V, IP55
Air Flow	Up to 40000 m ³ /h
Filter Area	1120 m ²
Rotary Valve	3 @ 0.75 kW, 4 pole, 3 phase, 415 V, IP55
Pulse Valves	20 @ 240 VAC
Height	5770 mm
Width	5125 mm (excluding fan)
Depth	2050 mm
Bin Size	Up to 3 m ³
Control panel	55 kW soft-starter (or optional 55 kW VSD)



Important note: Fires and dust explosions can be caused by various ignition sources including sparks and optimum dust concentrations etc. We recommend fitting dust collectors with explosion vents and locating them outside of buildings to reduce the risk of damage to property and personnel in the event of an explosion or fire.

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