

## Polex™ MDC PC Reverse Pulse Cartridge Dust Collectors

### MDC 24000 PC™ 30 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 m<sup>3</sup>/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 air-lock).

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 24000 PC™ 30 kW
Fan Motor	30 kW, 2 pole, 3 phase, 415 V, IP55
Air Flow	Up to 24000 m <sup>3</sup> /h
Filter Area	672 m <sup>2</sup>
Rotary Valve	0.75 kW, 4 pole, 3 phase, 415 V, IP55
Pulse Valves	12 @ 240 VAC
Height	6120 mm
Width	3075 mm
Depth	2050 mm
Bin Size	Up to 3 m <sup>3</sup>
Control panel	30 kW star-delta (or optional 30 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.*

Polex™ MDC PC Reverse Pulse Cartridge Dust Collectors

MDC 24000 P™ 30 kW

