

## Polex™ MDC P Reverse Pulse Dust Collectors

### MDC 12000 P™ 18.5 kW (short version)

MDC-P series is an intelligent dust collector that automatically and continuously self cleans its filter cartridges with a reverse pulse action. The MDC-P is available with airflow from 6,000 to 210,000 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-P is supplied standard with a Rotary Discharge Valve (or air-lock).

The MDC-P 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 12000 P™ 18.5 kW (short)
Fan Motor	18.5 kW, 2 pole, 3 phase, 415 V, IP55
Air Flow	Up to 12000 m <sup>3</sup> /h
Filter Area	50 m <sup>2</sup>
Rotary Valve	0.75 kW, 4 pole, 3 phase, 415 V, IP55
Pulse Valves	10 @ 240 VAC
Height	6720 mm
Width	2563 mm
Depth	1025 mm
Bin Size	Up to 3 m <sup>3</sup>
Control panel	18.5 kW star-delta (or optional 18.5 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.*