

Nordfab™ eCOMPACT™ 6000 11 kW 80L

Description

The Nordfab Shaker Bag Filter series is of a robust and efficient range of dust collectors. Shaker systems are suited to applications with intermittent operation to enable regular cleaning. No compressed air is required for these systems.

Operating Principle

Polluted air enters through the hopper and is directed through an array of heavy-duty filters. An extraction fan is housed in an acoustically lined chamber on the side of the unit which draws the dusty air through the filters and discharges the cleaned air to atmosphere or discharge ductwork.

Cleaning Mechanism

Cleaning is accomplished by a vibrating motor shaking the frame from which the filter bags are suspended for a preset time. The vibration produced shakes off the dust cake. The extraction fan must be off for the shaker cleaning cycle to commence.

Filters

Antistatic Polyester needlefelt.

Construction

Bolt-together 1.6mm thick sheetmetal panel construction. Durable powdercoated finish.

Applications

Most dust types.

Options

- Explosion vents
- Ducting
- Silencers
- Stainless steel construction
- Hazardous zone rated motors
- Compliant with NSW Department of Commerce dust collector specifications
- Compact all-in-one design
- Suitable for a range of applications
- Supplied complete with start-stop controls
- Ideal for workshops in Schools, Tafe Colleges and Universities



Dust Collector		Filters	
Model	eCOMPACT 6000	Type	Cylindrical bag
Type	Shaker	Material	Antistatic Polyester needlefelt 550 g/m ²
Capacity	6,200 m ³ /h @ 3,000 Pa	Total Filter Area	42 m ²
Overall Dimensions	~1,580 x 970 x 2,750 mm high	General	
Inlet Diameter	2 x 225mm dia	Control panel	Variable speed drive
Fan		Bin	2 x 80 L
Motor	11 kW, 2800 rpm	Construction Details	
Sound Pressure Level	75 dBA @ 1 m	Construction Material	Mild steel
Full load current	20 A	Finish	Powdercoated

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.