

Compact Dust Collectors



Compact dust collection systems for industry help reduce factory emissions and improve air quality.

Compact Dust Collectors



Type SDC

Features

- Ample 13.3m² filter cloth area facilitates efficient extraction of dust and shavings from several machines simultaneously up to a maximum recommended airflow of 56m³/min and at a minimum velocity of 17.78m/s to prevent blockages.
- It is equally effective with paper, plastics, bone and dust. Lightweight for easy installation.
- Dust chamber vents vertically to atmosphere in the unlikely event of a dust explosion.
- Weatherproof casing fully galvanised against corrosion.
- Integral weatherproof industrial fan for long life.
- Simple construction features easy access to filter elements and twin dust receptacles.
- Optional sound attenuating package for noise sensitive situations.

Technical details

- Extraction Airflow 0.9m³/sec at 1.5kPa available duct pressure.
- Maximum dust emission 20mg/m³
- Motor 7.5kW, 13.8 amps F.L.C., 2 pole, grade IP55
- Epitropic polyester needlefelt filter elements, total area 13.3m² fitted with Snaptex collars for ease of fitting and removal.
- Weight 550kg (lifting lugs provided)





Type SBH

Features

- Designed to replace existing cyclones or an economic solution for new projects.
- Effective separation of fine particulate.
- High grade filtration media guarantees low emissions.
- 3 models available to handle from 2m³/sec to 6m³/sec.
- Robust galvanised steel weatherproof housing needs no additional finish.
- Low Freight costs due to ckd design for assembly on site.

Technical details

- Discharge hopper options to suit your waste disposal requirements.
- Pressure drop similar to cyclone so fan upgrade not normally required.
- Comprehensive engineering and service backup
- Windsor material handling fans and ducting design service available for new projects.



Type JDC 2000

Features

- Specifically designed for small /medium joinery workshops
- Replaces outdated cyclone systems by reducing dust emissions
- 17m² of high grade filtration media gives low air to cloth ratio and longer service life
- Performance designed to typically handles up to 3 production machines at once, eg planer, thicknesser, sander, rip saws.

Technical details

- Maximum dust emission of 20mg/m³ is guaranteed to meet RMA requirements.
- Reinforced impellor designed to resist impact damage by larger particles.
- Integrated explosion relief panels can be easily re-set and comply with OSH requirements.
- Optional noise reduction kit.
- Robust galvanised panels need no additional finish.

Servicing



Our planned servicing and maintenance contracts for your equipment can help avoid costly unplanned factory shutdowns due to critical equipment failure.

Other products and services

Air filtration

- Activated Carbon
- Air Conditioning Filters
- Bag Filters
- Clean Rooms
- Gas Filtration
- HEPA Filters,
- Intake Filters

Air movement

- Blowers & Gas Boosters
- Dampers & Flow Control
- Fibreglass Fans
- Industrial Fans
- Process Fans
- Side Channel Blowers

Environmental control

- Bag Filters
- Cartridge Filters
- Cooling Towers
- Cyclones
- De-Humidifiers
- Dust Collectors
- Evaporative Cooling Systems
- Fluid Strainers
- Heat Exchangers
- Heat Recovery Systems
- Odour Control
- Scrubbers

Maintenance & Servicing

- All products

Measurement & instrumentation

- Flow & Pressure Instruments
- Hand held pressure measurement

Instruments

- IR Temperature Instruments

Design & consulting services

- Specifically in relation to our expertise in air movement, filtration, humidity control, dust collection

Please contact our Wellington sales office for these products:

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