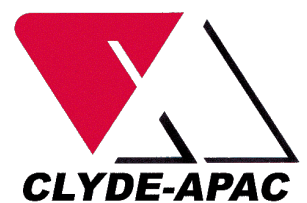


Silovent

Reverse Pulse Dust Collector



Description

The Filtercorp Silo-Vent range of Dust Collectors provides a computer designed range of continuous cleaning systems for the removal of dust from industrial applications. The filter surface area is optimised by using either filter bags or pleated cartridges.

With a variety of configurations available, the units are designed to meet the needs of many applications including cement, fly-ash, grains, limestone, sand and similar bulk storage handling materials. The self-cleaning filter or filter bags provide very high filtration efficiency with minimal maintenance requirements. This enables operating costs to be kept to a minimum.

Housing

The housing is constructed of one-piece heavy gauge mild steel with various surface protections available.

Filter Cartridges Or Bags

The filter cartridges or filter bags are positioned to maximise cleaning efficiency. The media provides high filtration efficiency and low operating resistance. This low resistance combined with excellent dust release characteristics achieves minimal operating costs.

Automatic Cartridge Or Bag Cleaning Mechanism

The Silo-Vent contains a purpose designed, reverse pulse cleaning system. Depending on application requirement, venturis or unique nozzles are utilised to provide optimum cleaning performance.

Ease Of Maintenance

In a Silo-Vent, operating at optimal conditions, the filter cartridges or filter bags should last approximately two years. The Silo-Vent dust collector is designed for tool-free filter cartridge or filter bag removal.

The performance of the Silo-Vent dust collector surpasses the performance of other static and envelope type dust collectors. The Silo-Vent dust collector "Midi" model fits new installations and replacement of existing Green Bag units. The "Midi" unit can be installed directly into the collar of Green Bag units. Due to the lack of moving parts the Silo-Vent is extremely user friendly and requires very little maintenance thus ensuring years of trouble free operation.



AES Environmental maintains an ISO 9001:2015 quality management system to ensure process and product conformance.

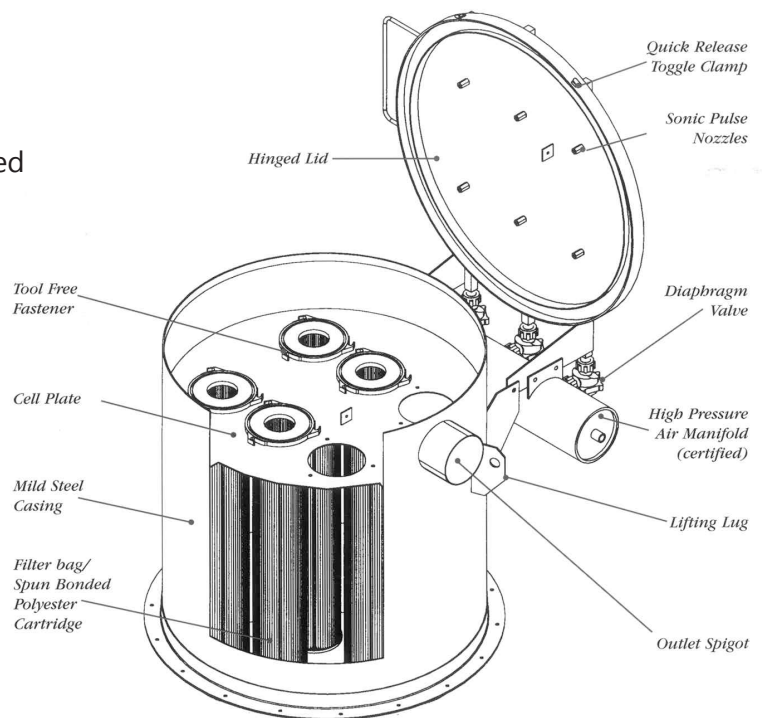


Specifications

	MICRO	MIDI	SCHOONER	TANKARD
Part Number	DCSV2	DCSV4	DCSV6	DCSV9
Unit Area (1.3m Height x Diameter)	887mm	887mm	1230mm	1530mm
Filter Area (m2)	10.5	15.75	28	49
Filter Cartridges	6	9	16	28
Capacity (L/s)	Up to 250	Up to 375	Up to 675	Up to 1200
Pulse Pressure (Kpa)	620 Kpa	620 Kpa	620 Kpa	620 Kpa
Compressed Air Consumption	1.9 L/s (4cfm)	1.9 L/s (4cfm)	1.9 L/s (4cfm)	2.9 L/s (6cfm)
Material	Mild Steel baked enamel paint finish			
Filter Cartridge Material	Spun Bonded Polyester Cartridges			
Cleaning System	Pulse jet with sonic nozzles			
Cleaning System Timer	Solid State			
Power Requirement	240 volt or 110 volt			
Clean Air Outlet	150mm 250mm O.D. Spigot			

Optional Extras Available

- A range of finishes: Epoxy Coating, Powder Coating & Hot Dip Galvanised
- Manometer or Magnahelic gauge
- Built in pressure relief valve
- EPS Electronic Pressure Sensor
- Electronic demand pulse
- Silo pressure relief valve
- Airline regulator-lubricator filter
- Collar to fit existing installations
- Bin level indicators
- Emission probes
- Outlet Fan





Other Dust Collection Products

- Tenkay-style dust collection systems
- Mini-Pulse mobile dust collectors
- Purpose-engineered systems
- Sonic-Pulse silo vent dust collectors
- Weld-fume units
- Cyclones
- Filter cartridges and filter bags
- Portable exhaust fans
- On site service and repairs
- Engineering surveys
- Gravimetric dust sampling surveys

The Company

AES Environmental is an Australian owned manufacturing business producing products under Clyde-Apac, Email Air Handling and Vokes brand names for industries that are as varied as industrial plants, commercial buildings, power stations, food processing, healthcare, science and electronics. AES Environmental considers the Australian Standards as a core component of its product mix and has developed an export market in 25 countries, promoting Australian Standards, engineering and manufacturing solutions. AES Environmental, a trusted manufacturer capable of delivering reliable product solutions to highly-critical applications, where the control of hazardous airborne contamination is often critical to process and personnel.

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In keeping with our policy of continuing product improvement, we reserve the right to alter specifications without notice.



9A Pembury Rd, Minto 2566
Ph 1300 550 116 F 1300 550 117
sales@aesenvironmental.com.au
www.aesenvironmental.com.au

