



 **TYPHOON**

High Performance Dust Collectors

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www.dustcontrolenvironmental.com

The DCE Typhoon range of compact high performance reverse jet cartridge dust collectors have been specifically developed to handle fine dust particulate applications.

Designed using a downflow air wash system through the dirty air chamber offers greater waste separation prior to filtration.

Extraction rates from 1000m³/hr to 50,000m³/hr can be formatted.

With high cartridge performance and low noise levels the DCE Typhoon is ideal for installations where footprint is restricted.

KEY FEATURES

- Downflow air movement
- Bolt on spark arrestor system
- Delivered part or fully assembled
- Various filter media types available
- Tool free filter cartridge element replacement
- Pre-configured electric pack
- Integrated or floor mounted fan options
- Quiet integral mounted pulse jet cleaning system
- Tailored waste collection systems
- Mild steel constructed fully powder coated body
- ATEX options

Unique Downflow System

Less Cartridges

Reduced Footprint

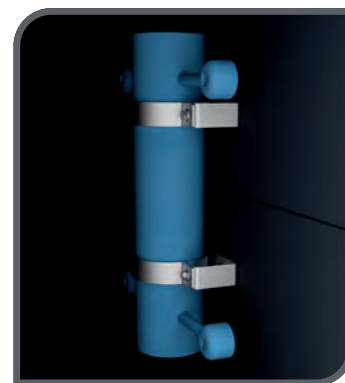




Tool free filter
element change



Double Gasket Sealed
Cartridge Element



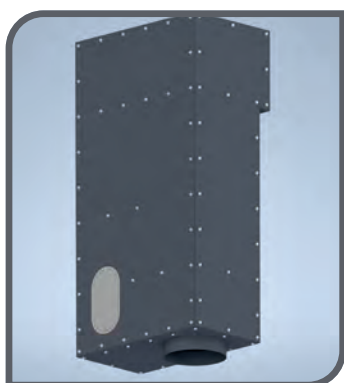
Integrated pulse tank
reducing noise levels



Heavy Duty Single
Access Door
with Tool Free Entry



Differential Pressure
Pulse Control Unit
and Compressed
Air Connection



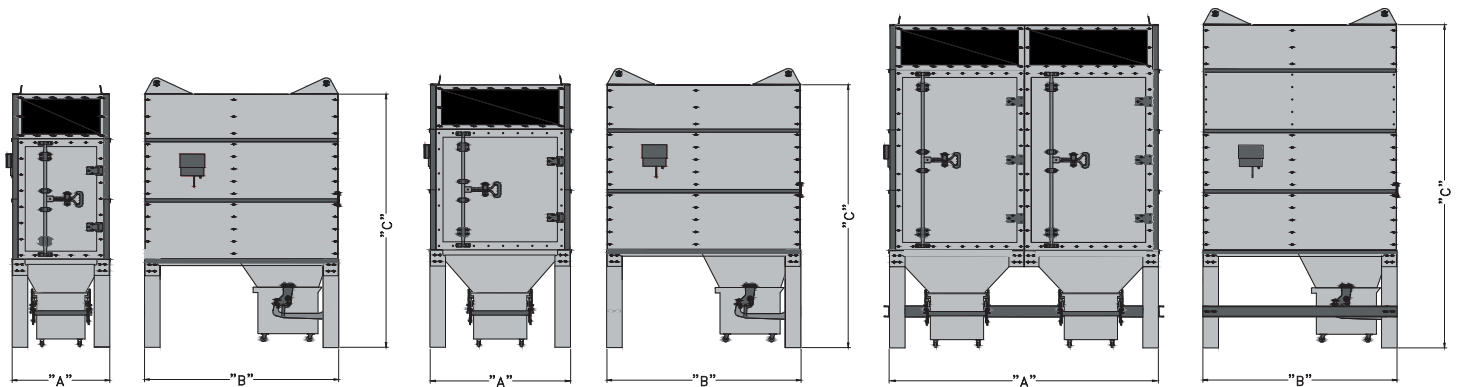
Integrated Spark
Arrestor Systems



Hook-on Bin or DCE EasyCAM
True Vertical Lift System
with 10Ltr Waste Bin



Pre-Configured
Electrics Option for
'Plug & Go'



TYPHOON Model	Number of filters	Filter area m ² Nanoweb	Number of valves	Dimensions (mm)			Weight kg
				A	B	C	
Typhoon 2	2	60	2	920	1815	2440	575
Typhoon 3	3	90	3	1320	1815	2527	675
Typhoon 4	4	120	4	1320	1815	2527	675
Typhoon 5	5	150	5	1320	1815	3085	800
Typhoon 6	6	180	6	1320	1815	3085	865
Typhoon 7	7	210	7	1320	1815	3650	930
Typhoon 8	8	240	8	1320	1815	3650	995
Typhoon 10	10	300	10	2540	1815	4215	1265
Typhoon 12	12	360	12	2540	1815	3650	1610
Typhoon 16	16	480	16	2540	1815	3650	1870
Typhoon 20	20	600	20	2540	1815	3650	2410
Typhoon 24	24	720	24	3760	1815	3650	3100

DURABLE POWDER COATED FINISH

To prevent corrosion damage to mild steel our filter components are powder coated to withstand ambient conditions. Our standard fine textured coating is robust and offers a long lasting, high quality durable finish.

- All steel fully de-greased
- All steel treated with edge coat zinc rich primer undercoat
- All steel finished with a fine texture semi gloss/gloss top coat
- Approximate total paint thickness 120 micron
- Options for coastal marine surface finishes are also available

The Typhoon range of dust collectors have been designed to handle a wide range of explosive dust types.

Filter body construction & explosion relief venting are all designed and calculated to comply to the latest ATEX directive ATEX 2014/34/EU.

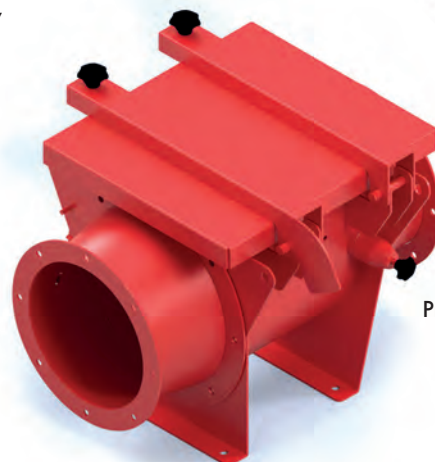
ATEX DESIGN FEATURES

- ST1 & ST2 dust can be handled
- Pred strength 0.27 Bar
- Roof mounted explosion venting
- EasyCAM bin system Pred strength 0.35 Bar
- Flameless vent options available
- Flame propagation valves for metallic and non-metallic dusts
- Range of pressure shock resistant pipework

TYPHOON STANDARDS

Our Typhoon range of dust collectors are designed and manufactured to the following standards:

- ISO9001:2015 – Quality management system
- PD5304:2014 Safety of Machinery (205)
– code of practice
- 2014/68EU Directive – Pressure Vessels Regulations
- 2014/30/EU Electromagnetic Compatibility
European Standard
- ATEX 2014/34/EU Safe Handling of
Explosive Atmospheres





High Performance Dust Collectors



Environment
Agency



UK
CA



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