

- Dust & Fume Control
- Oil Free Air Compressors
- COSHH LEV Testing
- HVAC Systems
- Specialised Hire Equipment



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## **CARTRIDGE FILTERS**

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## Design

The compact design of the AFC range mean that they can fit in to tight spaces, both inside and out. Freeing up valuable floor space, whilst still offering a high degree of efficiency. Cleaned via compressed air, pulse jets blow down the cartridge filters removing dust from the surface, and dispensing into a bin (other discharge combination available)

- Compact design
- Small footprint
- Efficient cartridge filters
- Pulse cleaning
- Standard models or custom sizes available



## Cartridge Filter Module

Pleated cartridge filter elements were originally designed and developed for use as truck air intake filters. The media was very simple folded and pleated paper and they served that purpose very well. In the mid 1980's the dust control industry recognised their potential use for low dust loaded non arduous dust collector applications and they were soon widely applied in the foundry industry on shot blasting applications and the like.





## Typical Applications

The AFC cartridge filters have been designed to handle dust in various industries. Include the following:

- Metal fabricating
- Chemical
- Pharmaceutical
- Material handling
- Food processing

And Typical applications:

- Spraying and shot blasting
- Plasma cutting
- Sanding, grinding and cutting
- Mixing, milling and sieving
- Tipping and conveying

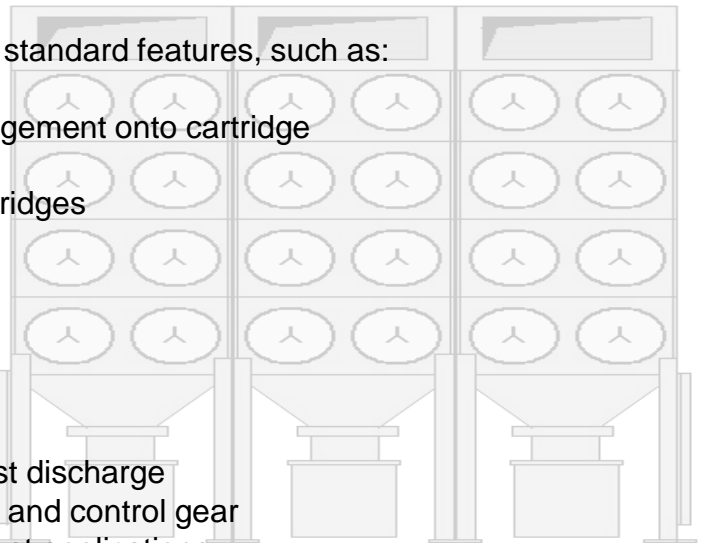
## Features and options

The AFC cartridge filters come with standard features, such as:

- Inlet shroud to prevent direct impingement onto cartridge
- Bottom collection bin/s
- Easily removable front loading cartridges
- Integral fan on smaller filters
- Control panel

With many other options available:

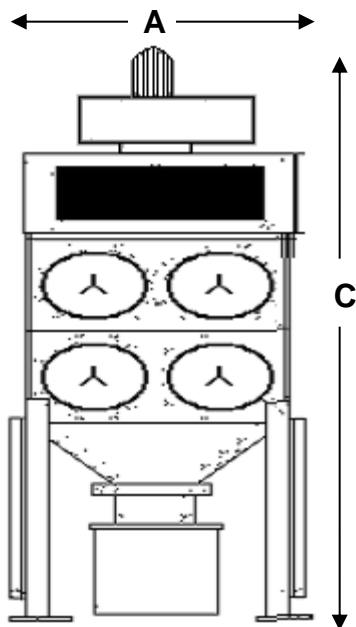
- ATEX certified explosion venting
- Screw conveyor or rotary valve dust discharge
- Complete range of instrumentation and control gear
- Various cartridge medias to suit most applications



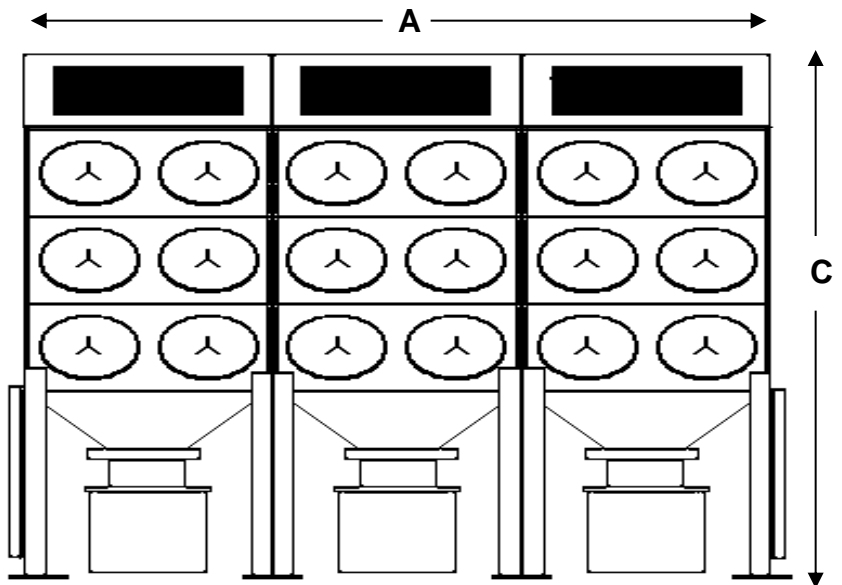
# Model range

Model No	Cartridge Qty	Filter Range	Power	Volume
AFC 2/2/2*	8	75 - 184m <sup>2</sup>	5.5kw	5,400m <sup>3</sup> /hr
AFC 2/2/3*	12	112 - 276m <sup>2</sup>	7.5kw	8,400m <sup>3</sup> /hr
AFC 2/4/3	24	224 - 552m <sup>2</sup>	18.5kw	16,880m <sup>3</sup> /hr
AFC 2/6/3	36	336 - 826m <sup>2</sup>	30.0kw	25,200m <sup>3</sup> /hr
AFC 2/8/3	48	448 - 1104m <sup>2</sup>	55.0kw	33,600m <sup>3</sup> /hr
AFC 2/10/3	60	560 - 1380m <sup>2</sup>	75.0kw	42,000m <sup>3</sup> /hr
AFC 2/12/3	72	on application	50,400m <sup>3</sup> /hr	
AFC 2/2/4	16	150 - 368m <sup>2</sup>	11.0kw	11,200m <sup>3</sup> /hr
AFC 2/4/4	32	300 - 736m <sup>2</sup>	30.0kw	22,400m <sup>3</sup> /hr
AFC 2/6/4	48	448 - 1104m <sup>2</sup>	55.0kw	33,600m <sup>3</sup> /hr
AFC 2/8/4	64	598 - 1472m <sup>2</sup>	75.0kw	44,800m <sup>3</sup> /hr
AFC 2/10/4	80	750 - 1840m <sup>2</sup>	on application	56,000m <sup>3</sup> /hr

\* top mounted fan set (all other models, separate floor mounted fan)



AFC 2/2/2



AFC 2/6/3

Dimensions			Weight	Price
A	B	C		
1050mm	1980mm	3500mm	1200kg	

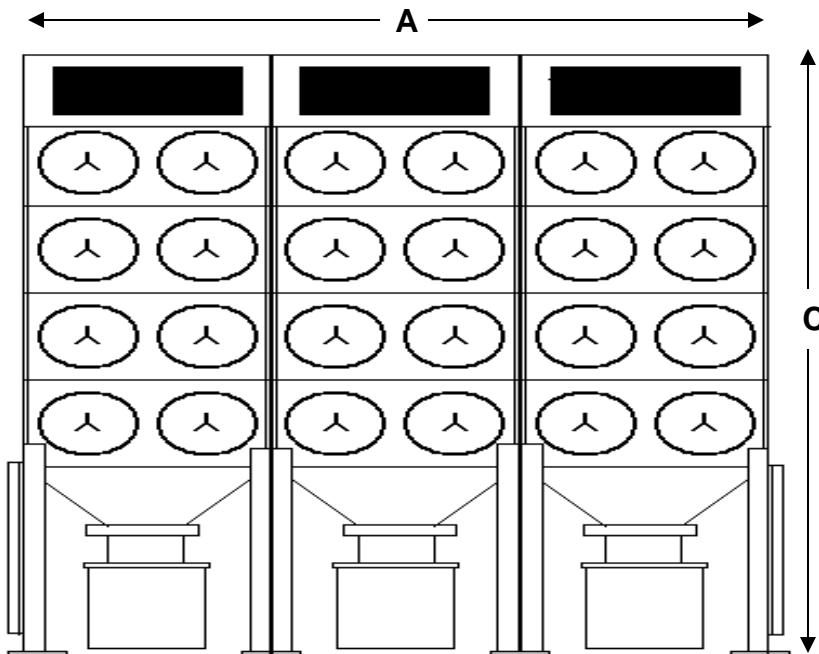
ATEX Panel	Price
1	

1050mm	1980mm	4000mm	1720kg
2100mm	1980mm	3000mm	2600kg
3150mm	1980mm	3000mm	3640kg
4200mm	1980mm	3000mm	4840kg
5250mm	1980mm	3000mm	6100kg
6300mm	1980mm	3000mm	6860kg

1
2
3
4
5
6

1050mm	1980mm	3500mm	2130kg
2100mm	1980mm	3500mm	3100kg
3150mm	1980mm	3500mm	4270kg
4200mm	1980mm	3500mm	5580kg
5250mm	1980mm	3500mm	7000kg

1
2
3
4
5



AFC 2/6/4

### Filter Medias

- Polyester
- Polyester Antistatic
- Cellulose
- PTFE coated
- Fire resistant



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