



THE WORLD LEADER IN
FUME EXTRACTION TECHNOLOGY

Ac C5 Cyclone

Accessories

Most people are aware of cyclone separators thanks to Sir James Dyson and his vacuum cleaners.

Cyclone separators are very efficient at capturing particles of 20micron and larger, i.e. visible to the naked eye.

Unfortunately laser marking generates a range of particle sizes from 0.1 micron upwards so standard cyclone separators are not suitable.

BOFA International commissioned Southampton University, using CFD (Computational Fluid Dynamics) techniques, to develop a cyclone to operate more efficiently at these lower particle sizes.

The cyclone separator is installed between the laser extraction point and the extraction unit. The airflow generated by the extraction unit powers the cyclone.

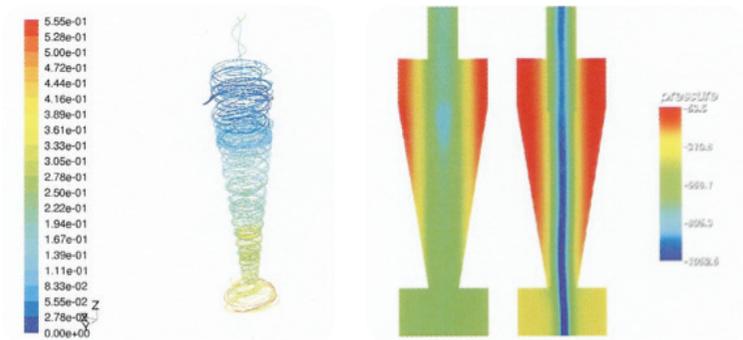
In-line cyclone for heavy particulate, to extend filter life and extraction performance.



Cyclone capture pot

PART NUMBERS	
Model	Part No.
AD C5 Cyclone Powder Coated	A1080058
AD C5 Cyclone with shut off valve Powder Coated	A1080101

TECHNICAL DATA	
Dimensions (HxWxD)	800 x 300 x 140mm
Construction	Powder coated mild steel
Design Airflow	150 - 200m ³ /hr / 88 - 118cfm
Weight	7kg / 15.4lbs

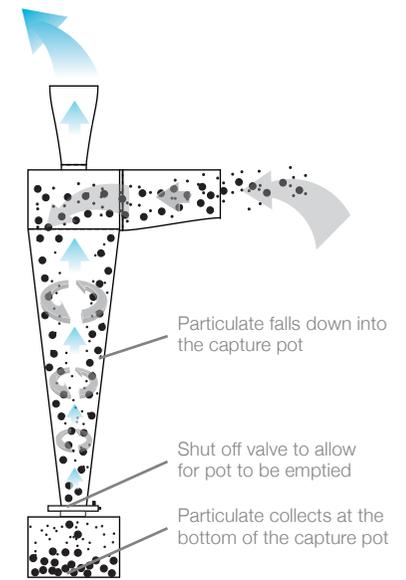


AIRFLOW THROUGH FILTERS

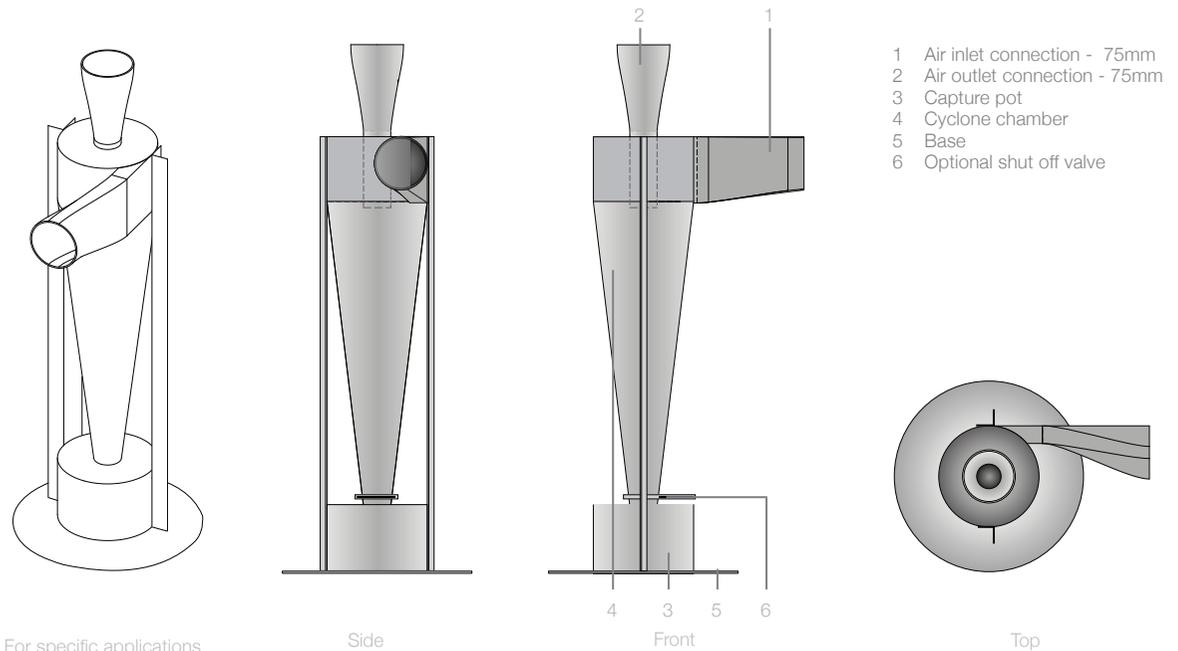


Air cyclones round downwards to the bottom, then upwards and out the top

The centrifugal force separates the dust and particulate from the air which drops down into the capture pot below



TECHNICAL SPECIFICATION



Other hose kits and filters are available. All of the above units are fitted with our standard filter combinations. For specific applications please call us for details. Replacement filters should always be ordered using the part number on the filters inside your extractor to ensure the correct filter is ordered. Datasheet correct at time of print.

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