

Sitesafe Activated Carbon

Odour & Ozone Control

plasma-cleanair
AIR, ODOUR & GREASE CONTROL



Benefits

- Effective gaseous odour control
- Suitable as a standalone solution or as part of a combined system
- Removes residual ozone where UV-Ozone systems are installed
- Units weigh only 18kg
- No additional costs over standard Discarb cells

* Plasma Clean Air is continuously improving its products and services and reserves the right to alter designs without prior notice

At Plasma Clean Air, we use Activated Carbon in two key ways:

1. As a primary odour control solution (carbon-only systems)

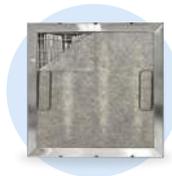
In applications where UV-Ozone technology is not suitable, Activated Carbon can be installed as the main form of gaseous odour control. This makes it ideal for:

- Sensitive locations
- Low-level discharge points
- Sites close to residential properties
- Systems where ozone use is restricted

2. As a final polish in UV or ozone-based systems

Where UV-Ozone systems are installed, Activated Carbon filters are used to remove residual ozone before discharge and to provide a final stage of odour polishing. This is particularly important when:

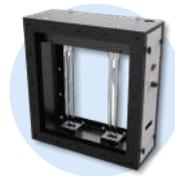
- The extraction point is at low level
- The discharge is close to an open window
- The outlet is near an air-intake louvre



Ecofleece
[Find out more](#)



Electro-clean ESP
[Find out more](#)



Techni-clean UV in-duct unit
[Find out more](#)

Consult with a Plasma Clean Air representative to find out the most suitable odour control solution for your application.

plasma-cleanair.com | ask@plasma-cleanair.com | 0800 652 3325

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Filtration with Sitesafe Activated Carbon from Plasma Clean Air

Sitesafe Activated Carbon filters are the ideal choice for both odour and ozone control. Our Carbon Housing allows Activated Carbon filters to sit in 3, 6 or 9 easily mountable Sitesafe Activated Carbon units.

EMAQ+ Odour Loadings	Carbon only Dwell Time	Carbon Dwell Time with UV
Low-Moderate	0.1 – 0.2 Second Dwell Time	0.1 Second Dwell Time
High	0.2 – 0.4 Second Dwell Time	0.1 – 0.2 Second Dwell Time
Very High	0.4 – 0.8 Second Dwell Time	0.2 – 0.4 Second Dwell Time

Installation

It is important to achieve uniform distribution of air across the filter surface. Inlet and outlet tapers must be sized correctly. Plasma Clean Air can offer assistance with the installation design if required.

Carbon filtration requires protection from grease and moisture. Installing Ecofleece filters, ESP, or panel and bag filters upstream helps prevent carbon saturation, extending filter life and reducing the need for premature replacement.

Commissioning and Maintenance

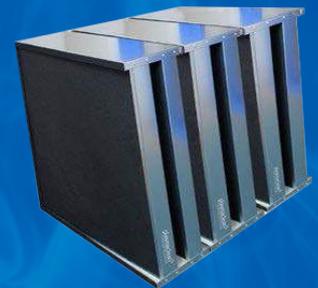
All Plasma Clean Air equipment includes a free Commissioning visit and installation check, ensuring optimal performance from day one.

For added peace of mind, we offer an extended warranty of up to 5 years, supported by ongoing maintenance.

This offer applies to installations within mainland UK.

Technical Details

Dimensions (H x W x L mm)	595 x 196 x 595
Weight (KG)	18
Rated Airflow (m ³ /s) @ 0.1 second dwell time	0.35
Pressure drop (PA)	225



Register Your
Warranty

