plasmaclean
Air purification solutions

General Description

Standard Discarb multipanel carbon units have been in circulation for over 30 years and there are many tens of thousand of units in service today. These filters are very heavy and nearly always installed in situations with very poor access.

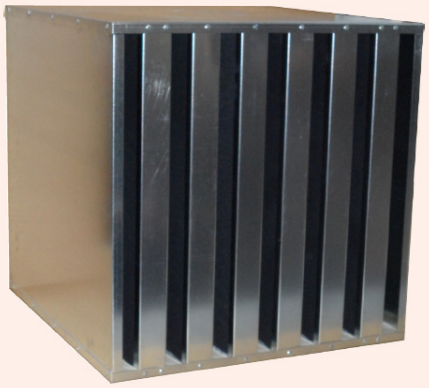
With the new appreciation of risk which we have in the 21st Century it has become apparent that these units represent a real danger to health and potentially offer risk in the work place when a filter change is required.

The new Sitesafe Discarb cells provide exactly the same filter performance with a set of filters which will retrofit exactly for an existing full size cell.

We offering a full set of Site Safe discarbs for the same price as a full sized cell so there is no reason not to change to the new style filters and improve workplace safety.

Will require two people plus lifting gear to carry and install





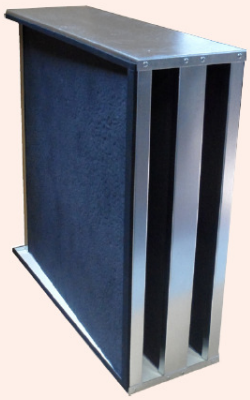
Discarb DC242424

Size 594x594x597
Gross Weight 68.2Kg
Carbon Weight 50kg
Rated Airflow 3800m³/hr*
Pressure Drop 120Pa

Safe for one person to carry, no special lifting gear required.

Sitesafe discarb cells are a no added cost option so its win win.

Same price as a standard full size discarb - set of 3



Sitesafe DCS240824

Size 594x196x597
Gross Weight 17.95Kg
Carbon Weight 16.6kg
Rated Airflow 1266m³/hr*
Pressure Drop 120Pa



Sitesafe 3xDCS240824

Size 594x594x597
Gross Weight 53.85Kg
Carbon Weight 50kg
Rated Airflow 3800m³/hr*
Pressure Drop 120Pa

*Rated Airflow based on a dwell time of 0.1 seconds.
Available in all sizes to retrofit discarb cells

SiteSafe Reference	SiteSafe Cells Needed	Retrofit Discarb	Nominal Size (Inches)	Height (mm)	Width (mm)	Depth (mm)	Weight of Carbon (Kg)	Cell Weight (Kg)	Capacity m^3/hr
DCS180912	2	DC181812	18 x 9 x 12	445	220	297	6.5	7.85	495
DCS240612	2	DC241212	24 x 6 x 12	594	146	297	6.5	7.85	990
DCS240812	3	DC242412	24 x 8 x 12	594	196	297	8.4	9.7	633
DCS180918	2	DC181818	18 x 9 x 18	445	220	451	9.5	10.85	722
DCS240618	2	DC241218	24 x 6 x 18	594	146	451	9	10.35	685
DCS240818	3	DC242418	24 x 8 x 18	594	196	451	12	13.35	915
DCS180924	2	DC181824	18 x 9 x 24	445	220	597	12.5	13.85	950
DCS240624	2	DC241224	24 x 6 x 24	594	146	597	12.5	13.85	950
DCS240824	3	DC242424	24 x 8 x 24	594	196	597	16.6	17.95	1266

The above capacities are based on a 0.1 second dwell time. Please refer to the table below for the recommended minimum dwell times required for different applications and scale up accordingly. It should be noted that filtration performance will be improved by increasing the dwell times applied. The appropriate suffix should be added to the part number to specify the required grade e.g. DCS240824-7C

Application	Recommended Dwell Time	Grade	Suffix
Cooking - General Restaurant	0.1 to 0.2 Seconds	General Purpose Activated Carbon	-7C
Cooking - Spicy, Indian	0.2 to 0.4 Seconds	General Purpose Activated Carbon	-7C
Reduction of Kerosene Exhaust fumes	0.1 to 0.2 Seconds	General Purpose Activated Carbon	-7C
Reduction of Ozone	0.1 to 0.2 Seconds	General Purpose Activated Carbon	-7C
Reduction of Diesel Fumes, including H_2S, SO_2, NOX, HCl	0.2 Seconds	5% Copper Treated Carbon	-9M
Museum and Archives	0.2 Seconds	5% Copper Treated Carbon	-9M
Mortuary / formaldehyde reduction	0.4 Seconds	Mortuary Grade	-MO
Ammonia Neutralisation	0.3 seconds	Ammonia Grade	-AM

Other Applications

We can formulate gas phase filters for most applications, simply contact us with your enquiry.