

## Discarb Units for Odour & VOC Removal

The **DISCARB** carbon filter is available in sealed cell formats and a range of carbon types to match applications.

The filter consists of a 55% CTC coconut or coal based granular carbon bonded using a water resistant PVA bonding system assembled in a 'vee' formation inside a rigid 1.22mm thick galvanized steel case.

The individual carbon panels are sealed into the case using a polyurethane resin adhesive eliminating air bypass and maximising the efficiency of the filter.

The entire unit is disposable, thus making it suitable for critical or hazardous applications. Care must be taken when handling this product as they are heavy

The filter can be supplied with or without headers.

In all sizes the filter case is fabricated from 22 gauge (1.22mm) galvanized sheet. Alternative case materials such as aluminium or stainless steel are available on request.



All **DISCARB** products may be supplied with a single face seal on request. As the product is omni-directional in terms of airflow, this suffices as either a clean or dirty air side gasket. If required two gaskets can be fitted. **Discarb** units may be supplied as standard capacity units with 20mm panels or heavy Duty in which case 25mm thick carbon panels will be fitted.

When the carbon is exhausted the cells will weight approximately 20% more than installed weight.

**DISCARB** units are made as standard to the dimensions below, they can however be made to almost any size.

Standard Duty	Dwell Seconds	Air Flow Cu.m/h	Weight Kg	Pressure loss
595x295x295	0.1	756	13	100
595x295x595	0.1	1512	25	100
595x595x295	0.1	1512	25	100
595x595x595	0.1	3024	49	100
<b>Heavy Duty</b>				
595x295x295	0.1	954	16	175
595x295x595	0.1	1908	31	175
595x595x295	0.1	1908	31	175
595x595x595	0.1	3816	61	175

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*for all your filter requirements*