

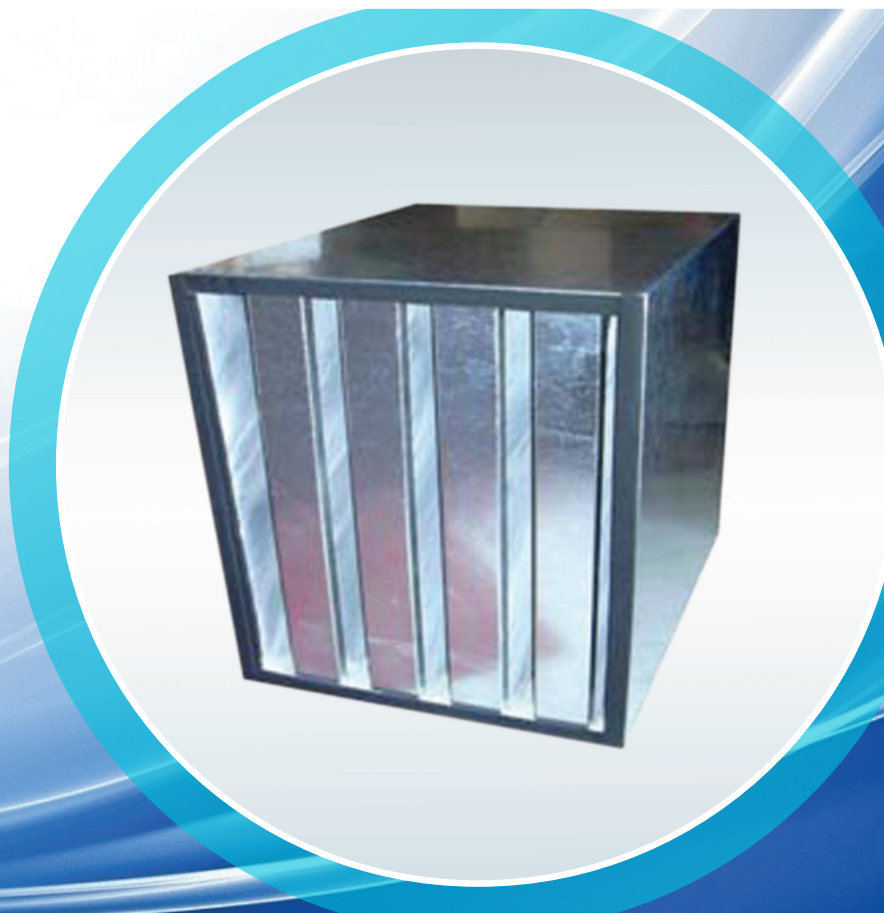
FEATURES AND BENEFITS

The galvanised cased Discarb panels are designed to remove unwanted odours and hazardous substances from the supply, extract and recirculated air.

Discarb panels contain bonded carbon cells (minimum 50% CTC rated carbon), sealed into a galvanised sheet metal casing and are available in Standard or Heavy Duty options depending upon the airflow and application.

The advantage of this type of filter is that with the panels sealed into the housing then there is no possibility of any air leakage with the cell.

Ideal dwell time 0.1 - 0.2 seconds is recommended depending upon application.



APPLICATIONS

To assist with odour removal in the following:

- Office Blocks
- Canteen/Kitchen Extracts
- Hospitals & Laboratories
- Chemical Industry
- Airports
- Food Industry
- Paint Shops

PRODUCT OPTIONS AVAILABLE

- Standard or heavy duty
- Various grades of carbon to suit individual applications
- Non-standard sizes available

These filters can be manufactured to almost any reasonable size with the limiting factor being the overall weight for handling purposes.

As it is difficult to determine life expectancy of carbon cells, however we can manufacture the Discarb cell with a removable/replaceable carbon plug which can be removed and returned to the factory for evaluation and an accurate calculation of life expectancy can be made.

Filterite Ltd

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Performance Details

Standard

Filter Size	Number of Panels	Airflow (m3/S)	Resistance	Weight
Nominal h x w x d			Pascals	Kg
596 x 596 x 298	12	0.40	44	34
596 x 596 x 451	12	0.61	63	52
596 x 596 x 596	12	0.81	76	67
451 x 451 x 298	8	0.20	24	19
451 x 451 x 451	8	0.30	33	27
451 x 451 x 596	8	0.40	44	34
298 x 298 x 298	6	0.10	13	10
298 x 298 x 451	6	0.15	19	13
298 x 298 x 597	6	0.21	24	18

Heavy Duty

Filter Size	Number of Panels	Airflow (m3/S)	Resistance	Weight
Nominal h x w x d			Pascals	Kg
596 x 596 x 298	12	0.54	98	44
596 x 596 x 451	12	0.81	130	67
596 x 596 x 596	12	1.07	195	88
451 x 451 x 298	8	0.28	54	24
451 x 451 x 451	8	0.41	75	34
451 x 451 x 596	8	0.55	100	44
298 x 298 x 298	6	0.14	28	12
298 x 298 x 451	6	0.21	40	19
298 x 298 x 597	6	0.27	52	24

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