

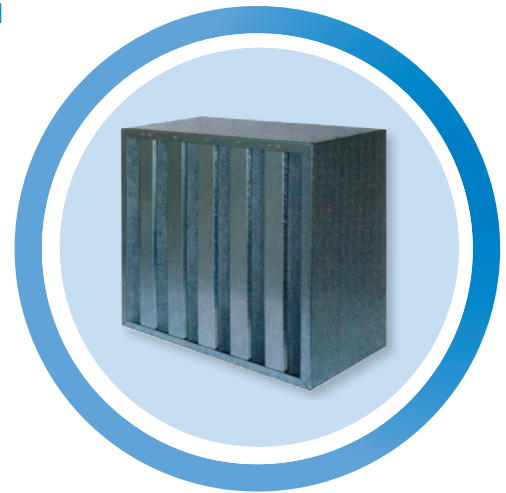


Standard and Heavy Duty

Carbon Discarbs Panel Filters

Tested according to EN 779:2012

Choose Carbon Discarb Filters to eliminate odours and harmful substances from indoor air



Strong, robust and highly effective, our activated **Carbon Discarb Filters** remove unpleasant odours and hazardous substances from supply, exhaust and re-circulating air. Available in a range of standard and heavy duty options, they're used extensively in the industrial, food processing and medical sectors.

The key benefits

1

High Indoor Air Quality

Bonded solid carbon panels ensure optimum absorption of offensive odours and hazardous substances including hydrogen sulphide, ammonia and dimethyl sulphide (DMS), for purer, high quality indoor air.

2

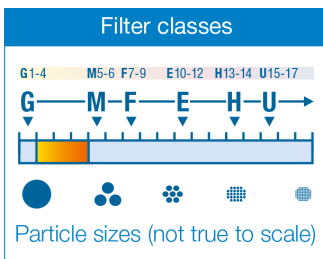
Ease of Installation

Fitted into a self-contained galvanised frame, **Carbon Discarbs** are fully disposable and can be removed and replaced quickly and easily.

3

Choice

Ranging from 18kg through to 67kg, our **Carbon Discarbs** cater for a wide range of air volume and contact time requirements.*



$$\text{Contact time}^* \text{ (tk[s])} = \frac{\text{coal volume [m}^3\text{]}}{\text{air flow rate [m}^3\text{/h]}} \times 3600$$



Painting & drying technology



Air conditioning & ventilation technology

Fire retardant to DIN53438-3 (F1)





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Versions

- V formation

Material Characteristics

- Solid carbon
- Strong robust galvanised frame
- Humidity resistant up to 70% r.h.
- Temperature resistant up to max. 70°C

Applications

- Office air supply
- Canteens, kitchens and food processing
- Hospitals, laboratories and computer centres
- Public spaces including airports, cinemas and theatres
- Chemical industry, paint shops, petrol stations and parking garages

Classification

- Standard duty
- Heavy duty

Discarbs - Standard						
Nom Size	Actual Size HxWxD	Number of Panels	Air Volume (m ³ /sec)	Initial Resistance Pa	Carbon Weight Kg	Unit Weight Kg
24x24x12	596x596x298	12	0.40	44	20	34
24x24x18	596x596x451	12	0.61	63	30	52
24x24x24	596x596x596	12	0.81	76	40	67
18x18x12	451x451x298	8	0.20	24	11	19
18x18x18	451x451x451	8	0.30	33	15	27
18x18x24	451x451x596	8	0.40	44	20	34
12x12x12	298x298x298	6	0.10	13	6	10
12x12x18	298x298x451	6	0.15	19	8	13
12x12x24	298x298x596	6	0.21	24	11	18

Discarbs - Heavy Duty						
Nom Size	Actual Size HxWxD	Number of Panels	Air Volume (m ³ /sec)	Initial Resistance Pa	Carbon Weight Kg	Unit Weight Kg
24x24x12	596x596x298	12	0.54	99	25	44
24x24x18	596x596x451	12	0.81	131	36	67
24x24x24	596x596x596	12	1.07	196	50	88
18x18x12	451x451x298	8	0.28	53	14	24
18x18x18	451x451x451	8	0.41	74	19	34
18x18x24	451x451x596	8	0.55	99	25	44
12x12x12	298x298x298	6	0.14	27	8	12
12x12x18	298x298x451	6	0.21	40	10	19
12x12x24	298x298x596	6	0.27	53	14	24

