

BONDED ACTIVATED CARBON

BONDED ACTIVATED CARBON PANEL AIR FILTERS

BONDED CARBON air filters can be used for purifying inlet air or extracted air to remove toxic gasses and odour and are designed for simple installation into ducted air systems.

The difference between these BONDED CARBON filters and our standard carbon pleated panels is that these panels are manufactured with bonding techniques which sandwich the activated carbon granules encapsulated in a carbon impregnated cloth to prevent any leakage of granules or powder. The unique bonding method ensures that the high quality panels remain intact and rigid, even if wet. For filters over 45mm depth, the void is filled with loose activated granules which allows us to use optional special grades and combinations of formulated carbon.

OPTIONAL CARBON GRADES

- Good general carbon grade for most applications
- Copper coated carbon for use in museums and archives
- Enhanced garlic odour removal
- School grade for acid gasses and SO₂ HCL NO₂ H₂S
- Ammonia
- Mortuary grade, formaldehyde removal
- Caustic, potassium hydroxide impregnated
- Special formulation for sewage odours

Please contact our customer support team if you have a special requirement.

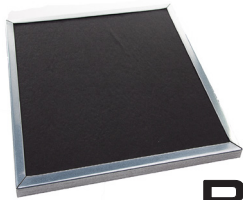
TYPICAL APPLICATIONS

- Reduction of cooking odours
- Removal of kerosene exhaust fumes
- General odour reduction
- Neutralisation of ammonia and its derivatives
- Removal of formaldehyde
- Removal of airborne pollutants and contaminants

OPTIONAL DEPTHS

12mm to 150mm

We cannot be held liable for any application or use that does not comply with our instructions



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Standard sizes and capacities - We can manufacture many sizes to order.

Size (inches)	Weight of Carbon Kg	Dimensions (mm)			Capacity m ³ /hr	
		Height	Width	Depth	0.1 Second Dwell	0.2 Second Dwell
12x12x1	0.77	292	292	20	55	28
12x24x1	1.56	292	594	20	112	56
15x15x1	1.22	368	368	20	88	44
16x20x1	1.76	394	495	20	126	63
16x25x1	2.21	394	622	20	159	79
18x18x1	1.78	445	445	20	128	64
20x20x1	2.21	495	495	20	159	79
20x24x1	2.65	495	594	20	191	95
20x25x1	2.77	495	622	20	200	100
24x24x1	3.18	594	594	20	229	114

Size (inches)	Weight of Carbon Kg	Dimensions (mm)			Capacity m ³ /hr	
		Height	Width	Depth	0.1 Second Dwell	0.2 Second Dwell
12x12x2	1.73	292	292	45	124	62
12x24x2	3.51	292	594	45	253	126
15x15x2	2.74	368	368	45	197	99
16x20x2	3.95	394	495	45	284	142
16x25x2	4.96	394	622	45	357	179
18x18x2	4.01	445	445	45	289	144
20x20x2	4.96	495	495	45	357	179
20x24x2	5.95	495	594	45	429	214
20x25x2	6.23	495	622	45	449	224
24x24x2	7.14	594	594	45	514	257

Size (inches)	Weight of Carbon Kg	Dimensions (mm)			Capacity m ³ /hr	
		Height	Width	Depth	0.1 Second Dwell	0.2 Second Dwell
12x12x4	3.65	292	292	95	262	131
12x24x4	7.41	292	594	95	534	267
15x15x4	5.79	368	368	95	417	208
16x20x4	8.34	394	495	95	600	300
16x25x4	10.48	394	622	95	754	377
18x18x4	8.47	445	445	95	610	305
20x20x4	10.47	495	495	95	754	377
20x24x4	12.57	495	594	95	905	453
20x25x4	13.16	495	622	95	948	474
24x24x4	15.08	594	594	95	1086	543

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