



Manufacturing
Air Filters in
the UK for
Over

40
Years

Activated Carbon Panels



General Description

These filters are manufactured for ease of installation and incorporation into ducted air systems. They can be used on both supply for purifying incoming air, and can be used on the extract to remove toxic gasses and odours generated within a process.

Construction

The panels are manufactured using long established bonding techniques which hold the activated carbon granules in a rigid biscuit. The biscuit is encapsulated in a carbon impregnated cloth which prevents any leakage of granules or powder.

The unique bonding method used by Jasun Filtration ensures that, unlike our competitors filters, that the panels will remain intact and rigid even if wet.

For filters over 45mm we create a panel using 2 thin biscuits on the outside and loose filling the void between with activated granules. This allows us to use special grades and combinations of formulated carbon, for instance school grade carbon which is a blended mixture of carbons designed for fume cabinets.

Depth: 12mm to 150mm



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

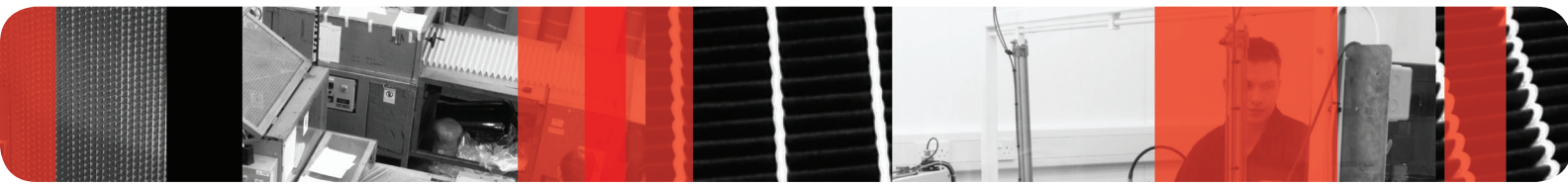
Please check with our sales department when specifying carbon filters as most applications require a bespoke solution specifically tailored for the job in hand.

Stock Grades of Carbon

Grade	Application
AC207	Good general Carbon grade suitable for many applications
AC209	Copper Coated Carbon for use in Mueums and archives
ACKI	For enhanced garlic odour removal
ACSC1	School Grade for acid Gasses and SO ₂ HCL NO ₂ H ₂ S
ACAM	Ammonia
ACMO	Mortury Grade, formaldehyde Removal
ACCA	Caustic, Pottasium Hydroxide Impregnated
ACGU	Special formulation for Sewage odours



Activated Carbon Panels STANDARD SIZES



Model Number	Description	Size			Weight Of Carbon Kg	Capacity m ³ /hr	
		Height (mm)	Width (mm)	Depth (mm)		0.1 Second Dwell	0.2 Second Dwell
{grade}-1-1212	Carbon Panel 12x12x1	292	292	20	0.77	55	28
{grade}-1-1224	Carbon Panel 12x24x1	292	594	20	1.56	112	56
{grade}-1-1515	Carbon Panel 15x15x1	368	368	20	1.22	88	44
{grade}-1-1620	Carbon Panel 16x20x1	394	495	20	1.76	126	63
{grade}-1-1625	Carbon Panel 16x25x1	394	622	20	2.21	159	79
{grade}-1-1818	Carbon Panel 18x18x1	445	445	20	1.78	128	64
{grade}-1-1824	Carbon Panel 18x24x1	445	594	20	2.38	171	86
{grade}-1-2020	Carbon Panel 20x20x1	495	495	20	2.21	159	79
{grade}-1-2024	Carbon Panel 20x24x1	495	594	20	2.65	191	95
{grade}-1-2025	Carbon Panel 20x25x1	495	622	20	2.77	200	100
{grade}-1-2424	Carbon Panel 24x24x1	594	594	20	3.18	229	114
{grade}-2-1212	Carbon Panel 12x12x2	292	292	45	1.73	124	62
{grade}-2-1224	Carbon Panel 12x24x2	292	594	45	3.51	253	126
{grade}-2-1515	Carbon Panel 15x15x2	368	368	45	2.74	197	99
{grade}-2-1620	Carbon Panel 16x20x2	394	495	45	3.95	284	142
{grade}-2-1625	Carbon Panel 16x25x2	394	622	45	4.96	357	179
{grade}-2-1818	Carbon Panel 18x18x2	445	445	45	4.01	289	144
{grade}-2-2020	Carbon Panel 20x20x2	495	495	45	4.96	357	179
{grade}-2-2024	Carbon Panel 20x24x2	495	594	45	5.95	429	214
{grade}-2-2025	Carbon Panel 20x25x2	495	622	45	6.23	449	224
{grade}-2-2424	Carbon Panel 24x24x2	594	594	45	7.14	514	257
{grade}-4-1212	Carbon Panel 12x12x2	292	292	95	3.65	262	131
{grade}-4-1224	Carbon Panel 12x24x2	292	594	95	7.41	534	267
{grade}-4-1515	Carbon Panel 15x15x2	368	368	95	5.79	417	208
{grade}-4-1620	Carbon Panel 16x20x2	394	495	95	8.34	600	300
{grade}-4-1625	Carbon Panel 16x25x2	394	622	95	10.48	754	377
{grade}-4-1818	Carbon Panel 18x18x2	445	445	95	8.47	610	305
{grade}-4-2020	Carbon Panel 20x20x2	495	495	95	10.47	754	377
{grade}-4-2024	Carbon Panel 20x24x2	495	594	95	12.57	905	453
{grade}-4-2025	Carbon Panel 20x25x2	495	622	95	13.16	948	474
{grade}-4-2424	Carbon Panel 24x24x2	594	594	95	15.08	1086	543
{grade}-6-1212	Carbon Panel 12x12x2	292	292	150	5.76	414	207
{grade}-6-1224	Carbon Panel 12x24x2	292	594	150	11.71	843	421
{grade}-6-1515	Carbon Panel 15x15x2	368	368	150	9.14	658	329
{grade}-6-1620	Carbon Panel 16x20x2	394	495	150	13.16	948	474
{grade}-6-1625	Carbon Panel 16x25x2	394	622	150	16.54	1191	596
{grade}-6-1818	Carbon Panel 18x18x2	445	445	150	13.37	962	481
{grade}-6-2020	Carbon Panel 20x20x2	495	495	150	16.54	1191	595
{grade}-6-2024	Carbon Panel 20x24x2	495	594	150	19.85	1429	714
{grade}-6-2025	Carbon Panel 20x25x2	495	622	150	20.78	1496	748
{grade}-6-2424	Carbon Panel 24x24x2	594	594	150	23.82	1715	857