

## Loose-fill Carbon Panels

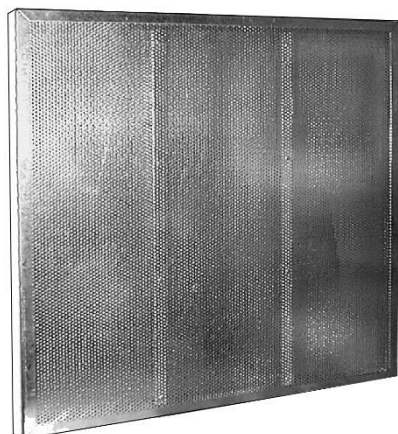
### APPLICATIONS

Suitable for most gas-phase filtration applications including:

- Catering
- Museums
- Archives
- Airport buildings
- Ozone reduction
- VOC removal
- Mortuary
- Medical
- Pharmaceuticals
- Micro-electronics
- Sewerage Plants
- General odour removal

### CONSTRUCTION

The standard loose-fill panels are manufactured throughout in galvanised mild steel and provided with rigid internal braces. The durable cell will easily accept the forces necessary to ensure a suitable carbon fill without bellying or distortion. The panel is provided with a removable end channel located by machine screws into threaded bushes that are simply removed for filter replenishment using a standard cross-head screwdriver.



- Gas Phase filtration
- Rechargeable
- Suitable for front or side access
- Wide range of sizes & types
- Suits numerous applications
- High adsorption
- Made in Britain

Typical Panel Size (HxWxD)	Active carbon Weight	Rated Airflow (m3/hr) at 0.1sec dwell	Resistance at 0.1 sec (pa)	Rated Airflow (m3/hr) at 0.2 sec dwell	Resistance at 0.2 sec (pa)
592x592x23mm	3.7kg	290	200	145	85

Maximum Operating Temperature 40°C Maximum Humidity 80%RH

Application	Recommended Dwell Time *	Grade	Ref
Cooking - Spicy, Indian	0.2 < 0.4 Seconds	General Purpose Activated Carbon	-7C
Reduction of Kerosene Exhaust fumes	0.1 < 0.2 Seconds	General Purpose Activated Carbon	-7C
Reduction of Ozone	0.1 < 0.2 Seconds	General Purpose Activated Carbon	-7C
Reduction of Diesel Fumes	0.2 Seconds	5% Copper Treated Carbon	-9M
Reduction of H <sub>2</sub> S, SO <sub>2</sub> , NO <sub>2</sub> , HCl	0.2 Seconds	5% Copper Treated Carbon	-9M
Museum and Archives protection	0.2 Seconds	5% Copper Treated Carbon	-9M
Mortuary / formaldehyde reduction	0.4 Seconds	Mortuary Grade	-MO
Ammonia Neutralisation	0.3 seconds	Ammonia Grade	-AM

Note \* Dwell time is the contact time that the air is within the carbon matrix

Please note: In their continuous search for product improvement Westbury reserve the right to change materials and specifications without prior notice.

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