

Site-safe Discarb cells

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



- Gas Phase modular filtration
- Safe weight & size for site handling
- Retrofits heavy single Discarb cells
- Wide range of sizes & types
- Suits numerous applications
- High adsorption
- Non-dusting robust construction
- Made in Britain

CONSTRUCTION

The integral activated bonded carbon panels are manufactured in high grade carbon granules using a unique bonding technique that removes the necessity for post carbon filters. Each internal panel is housed in its own surrounding frame and then bonded into the main outer case in a multiple 'V' formation. The individual outer casings can be simply slid together on site to form a leak free efficient Discarb cell.

Our Ref (Full set)	Full sized Discarb dimensions HxWxD (mm)	Tri-safe cell Dimensions HxWxD (mm)	No. of cells to construct full sized Discarb	Individual cell Carbon Weight (kg)	Individual Cell Total Weight (kg)	Cell Rated Capacity (m ³ /hr) at 0.1 secs dwell time *	Discarb Rated Capacity (m ³ /hr) at 0.1 secs dwell time*
Site-safe 18x18x12	445x445x297	445x222x297	2	6.5	7.85	495	990
Site-safe 24x12x12	594x295x297	594x147x297	2	6.5	7.85	990	1980
Site-safe 24x24x12	594x594x297	594x198x297	3	8.4	9.70	633	1900
Site-safe 18x18x18	445x445x451	445x222x451	2	9.5	10.85	722	1444
Site-safe 24x12x18	594x295x451	594x147x451	2	9.0	10.35	685	1370
Site-safe 24x24x18	594x594x451	594x198x451	3	12.0	13.35	915	2745
Site-safe 18x18x24	445x445x597	445x222x597	2	12.5	13.85	950	1700
Site-safe 24x12x24	594x295x597	594x147x597	2	12.5	13.85	950	1700
Site-safe 24x24x24	594x594x597	594x198x597	3	16.9	19.45	1266	3800

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

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 ₂ S, SO ₂ , NO ₂ , 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

Maximum Operating Temperature 40°C Maximum Humidity 80%RH

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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