

CEX002/J2 - CEX003/J2 - CEX004/J2 activated carbon

molecular filtration – media specification sheet

Carbon grades CEX002/J2 – CEX003/J2 – CEX004/J2 – effective for removal of formaldehyde.

The material specified below is a high quality grade of activated carbon with a dual impregnation to specifically target formaldehyde.

CEX002/J2



CEX003/J2



CEX004/J2



Use

CEX / J2 grades are ideally suited to use in the following Camfil Farr molecular filtration solutions:
- CamCarb Metal, CamCarb Green, CamSure panels, Acticarb, Annular Bed Filter (ABC), Horizontal and Vertical Deep Bed filters (HDB, VDB) and Deep Cell Adsorption Filter (DCAF). Contact time values should be in excess of 0.2 seconds, and values significantly higher may be required to provide long lifetimes in situations where high concentrations of formaldehyde may be present. In all cases the smallest practical particle size should be used without incurring an excessive pressure drop and energy penalty.

Applications

CEX / J2 grades are designed to control low and moderate concentrations of formaldehyde that may be present in industrial, educational, medical healthcare and laboratory facilities.

Disposal

At the end of its useful life, all carbon media should be disposed of in a responsible manner and in accordance with all site, local and statutory regulations relevant to the point of use.

Specification	Unit	Value	Method
Base material		Coal	
CTC (carbon tetrachloride adsorption)	% wt/wt	>60	ASTM D3467
Moisture (as packed)	% wt/wt	<13	ASTM D2867
Hardness	%	>98	ASTM D3802
Bulk Density	kg/m ³	~620	ASTM D2854
Impregnation	% H ₃ PO ₄ / % CO(NH ₂) ₂	>2.5/>5.0	
Ash Content	% wt	<15	BET N ₂ adsorption
Surface Area	m ² /g	>1000	
Particle size	mm	2.0, 3.0, 4.0 dia x random chopped length	



Camfil Farr	Product information
CEX002/J2 - CEX003/J2 - CEX004/J2	
Camfil Farr - clean air solutions	