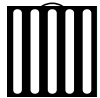


Carboactiv Cube

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Product Range



Features



Applications



KEY FACTS

- Compact filter with airborne molecular contamination (AMC) filtration media
- Removes odours, solvents, condensables, airborne chemicals, molecular acids and captures harmful gases
- Rugged construction and build provides high structural stability
- No exhaust-carbon dust load, minimizes the need for an additional safety, post-AMC fine filter
- Microgranulated carbon and impregnated media delivers high spontaneity of adsorption/reaction

DESIGN

V-shaped, pleated activated carbon cells, made of composite material of fine-grain absorbents embedded into a synthetic textile matrix. Available in various casing materials. Integrated handle for ease of installation.

APPLICATIONS

For installation in HVAC systems to solve a wide range of issues relating to gaseous molecular contamination. Each standard product has been specifically designed to address issues (e.g. toxic fumes, air pollution, odors, corrosion) caused by specific contaminants.

Carboactiv Cube

N

PERFORMANCE DATA

Type	Dimensions (mm)	Flow Rate (m ³ /h)	Initial Pressure Drop (Pa)	ISO EN 10121:2014 Max. Sorptive Capacity (g Gas/kg Media)			Max. Sorptive Capacity (g Gas/kg Media)			Recommended Contaminants
				SO ₂	NH ₃	Toluene	H ₂ S	VOC/Conden.	Dopants (B, P, As)	
Carb	610 x 610 x 292	3400	90	<20	<5	<300	<20	<300	<20	Light to medium pollution of VOC, solvents, fragrances, kitchen exhaust, lab fumes, building recirculation air, etc
	305 x 610 x 292	1700	90	<20	<5	<300	<20	<300	<20	
Alkaline	610 x 610 x 292	3400	90	<200	<5	<200	<200	<200	<50	Light to medium levels of organic and inorganic acids (HF, HCl, HBr, HNO ₃ , H ₂ SO ₄ , HCN, etc.), SO ₂ , NO ₂ , low-level H ₂ S, etc
	305 x 610 x 292	1700	90	<200	<5	<200	<200	<200	<50	
Acidic	610 x 610 x 292	3400	90	<5	<180	<200	<5	<180	<50	Light to medium pollution of ammonia organic alkylamines cyclic and aromatic amines (aniline, phenylenediamine, pyrrolidine, etc.) and similar
	305 x 610 x 292	1700	90	<5	<180	<200	<5	<180	<50	
Sulfuric	610 x 610 x 292	3400	90	<100	<5	<150	<300	<150	<50	Light to medium levels of VOC, solvents, organic and inorganic acids, SO ₂ , NO ₂ , low-level H ₂ S, ammonia, organic alkylamines, cyclic and aromatic amines, etc
	305 x 610 x 292	1700	90	<100	<5	<150	<300	<150	<50	
VOC-Amine-Acid	610 x 610 x 292	3400	90	<200	<300	<250	<50	<250	<150	Light to medium levels of VOC, solvents, formaldehyde, organic and inorganic acids, SO ₂ , NO ₂ , mid-level H ₂ S, ammonia, organic alkylamines, cyclic and aromatic amines, etc
	305 x 610 x 292	1700	90	<200	<300	<250	<50	<250	<150	
Sulf-Amine-Acid	610 x 610 x 292	3400	90	<200	<300	<150	<300	<150	<250	Light to medium levels of VOC, solvents, formaldehyde, organic and inorganic acids, SO ₂ , NO ₂ , mid-level H ₂ S, ammonia, organic alkylamines, cyclic and aromatic amines, etc
	305 x 610 x 292	1700	90	<200	<300	<150	<300	<150	<250	

SPECIFICATION

Heat resistance	< 50 °C (Peak 60 °C)	Moisture resistance	< 60 % (Max. < 90 %)
Regenerable	No	Incinerable	No

OPTIONS

Gasket	One piece, flat EPDM gasket
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