

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.

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PERFORMANCE DATA

Article No.	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)	
800656024342	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
800656024343		305 x 610 x 292	1700	90	<20	<5	<300	<20	<300	<20	
800656057914	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
800656057915		305 x 610 x 292	1700	90	<200	<5	<200	<200	<200	<50	
800656057916	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
800656057917		305 x 610 x 292	1700	90	<5	<180	<200	<5	<180	<50	
800656057918	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
800656057919		305 x 610 x 292	1700	90	<100	<5	<150	<300	<150	<50	
800656057920	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
800656057921		305 x 610 x 292	1700	90	<200	<300	<250	<50	<250	<150	
800656057922	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
800656057923		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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