

Carboactiv Cube

4V compact filter

Product Range



Features



Applications



Filter Class

ePM1



KEY FACTS

- Compact filter with molecular-filtration media
- Removes odors and captures harmful gases
- High structural stability
- Stackable frame system to reduce space
- Microgranulated carbon for high spontaneity of adsorption/reaction

DESIGN

Filter elements sealed into a 4-V plastic frame with polyurethane for an extremely robust construction. Pleat packs consist of carbon and chemical absorbents sealed into a synthetic media.

APPLICATIONS

Suitable for installation in HVAC systems to solve a wide range of molecular contamination issues. Each standard product has been designed to target issues caused by specific contaminants.

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PERFORMANCE DATA

Article No.	Type	Dimensions W x H (mm)	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/ Condens.	Dopants (B, P, As)	
800643057901	Carb	592 x 592	<20	<5	<300	<20	<300	<20	VOC, solvents, fragrances, kitchen exhaust, lab fumes, building recirculation air
800643058183		592 x 490	<20	<5	<300	<20	<300	<20	
800643057902		592 x 287	<20	<5	<300	<20	<300	<20	
800644057914	Alkaline	592 x 592	<200	<5	<200	<200	<200	<50	Organic and inorganic acids (HF, HCl, HBr, HNO ₃ , H ₂ SO ₄ , HCN, etc.), SO ₂ , NO ₂ , low-level H ₂ S
800644058184		592 x 490	<200	<5	<200	<200	<200	<50	
800644057915		592 x 287	<200	<5	<200	<200	<200	<50	
800645057916	Acidic	592 x 592	<5	<180	<200	<5	<180	<50	Ammonia (NH ₃) organic alkylamines (primary, secondary, tertiary), cyclic and aromatic amines (aniline, phenylenediamine, pyrrolidine, etc.)
800645058185		592 x 490	<5	<180	<200	<5	<180	<50	
800645057917		592 x 287	<5	<180	<200	<5	<180	<50	
800646057918	Sulfuric	592 x 592	<100	<5	<150	<300	<150	<50	Ammonia (NH ₃) organic alkylamines (primary, secondary, tertiary), cyclic and aromatic amines (aniline, phenylenediamine, pyrrolidine, etc.)
800646058181		592 x 490	<100	<5	<150	<300	<150	<50	
800646057919		592 x 287	<100	<5	<150	<300	<150	<50	
800647057920	VOC- Amine- Acid	592 x 592	<200	<300	<250	<50	<250	<150	VOC, solvents, organic and inorganic acids (HF, HCl, HBr, HNO ₃ , H ₂ SO ₄ , HCN, etc.), SO ₂ , NO ₂ , low-level H ₂ S, ammonia (NH ₃) organic alkylamines, cyclic and aromatic amines (aniline, phenylenediamine, pyrrolidine, etc.)
800647058186		592 x 490	<200	<300	<250	<50	<250	<150	
800647057921		592 x 287	<200	<300	<250	<50	<250	<150	
800648057922	Sulf- Amine- Acid	592 x 592	<200	<300	<150	<300	<150	<250	VOC, solvents, formaldehyde, organic and inorganic acids (HF, HCl, HBr, HNO ₃ , H ₂ SO ₄ , HCN, etc.), SO ₂ , NO ₂ , mid-level H ₂ S, ammonia (NH ₃) organic alkylamines, cyclic and aromatic amines (aniline, phenylenediamine, pyrrolidine)
800648058182		592 x 490	<200	<300	<150	<300	<150	<250	
800648057923		592 x 287	<200	<300	<150	<300	<150	<250	

SPECIFICATION

Heat resistance	< 30 °C (Peak 50 °C)	Moisture resistance	< 60 % (Max. < 90 %)
Regenerable	No	Incinerable	Yes*
Depth	292 mm	Air flow/pressure drop	0.94 m/s @ 90 Pa

* Please ensure accordance with relevant disposal directives

OPTIONS

Gasket	Continuous polyurethane, 1 or 2 sides
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