

TripleAir C comp

Activate Carbon filter

For use in air handling units and ductwork housings to absorb odours and molecular contaminants in the air-stream

The frames are plastic and are fully incinerable

The carbon layer is bonded to a pre-filter lay of F7 (EN779) media to ensure higher levels of absorption

Protects buildings and occupants from the effects of urban pollution and ensures HVAC systems maintain suitable indoor air quality



Filter class	Activated carbon for removal of VOC F7 particle layer
Media type	Activated carbon 160 g/m ² Total area: 5,5 m ²
Gasket	PU foam
Frame material	HIPS
Max. temperature (°C)	70
Weight (g)	5100
Pressure drop (Pa)	60
Air velocity (m/s)	3,0
Initial removal efficiency for VOC	>80%
Dimension (LxBxH)	592x592x292 mm

Clean Room Filtration and Lighting Technology

TripleAir Technology are suppliers of high quality HEPA and ULPA filtration, ceiling grid systems and luminaires for the clean room industry. We offer fully integrated ceiling solutions for projects and cleanroom facilities.

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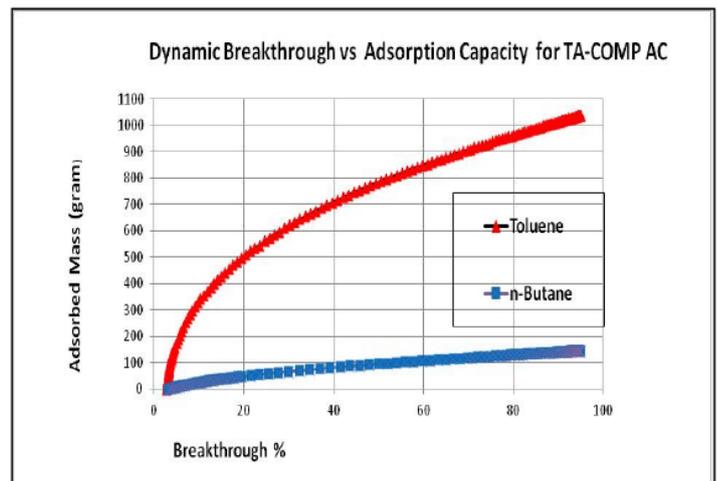
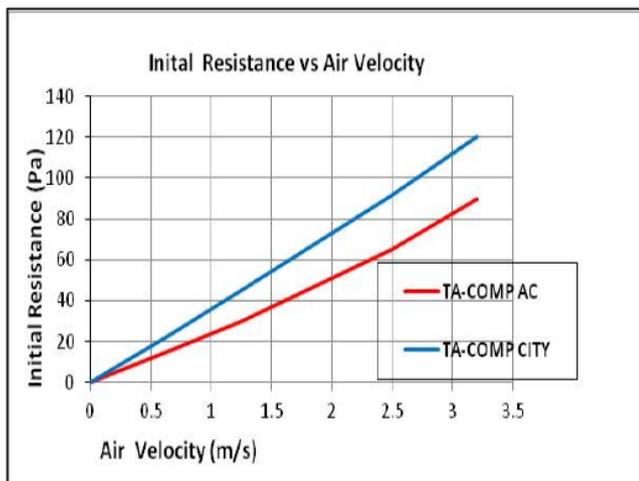
Dimensions

Designation	Dimensions WxHxD (mm)	Prefilter Media F7	Airflow (m ³ /h)		Initial Resistance at Nominal Airflow (Pa)
			Nominal	Maximum	
TA-COMP AC	592 x 592 x 292	-	3400	4250	65
TA-COMP AC	592 x 490 x 292	-	2900	3540	65
TA-COMP AC	592 x 402 x 292	-	2380	2900	65
TA-COMP AC	592 x 287 x 292	-	1700	2125	65
TA-COMP CITY	592 x 592 x 292	Yes	3400	4250	90
TA-COMP CITY	592 x 402 x 292	Yes	2380	2900	90
TA-COMP CITY	592 x 490 x 292	Yes	2900	3540	90
TA-COMP CITY	592 x 287 x 292	Yes	1700	2125	90

Notes:

1. TA-COMP is 4V-cell filter element
2. Width and height are interchangeable; pleats can be either vertical or horizontal without affecting performance.
3. Dimensions to EN 15805
4. Recommended final resistance 250 Pa
5. Filter class F7 to EN 779
6. Flange always 25 mm

Performance Data



Applications

Media Type	Contaminants	Application
TA-COMP AC	Polycyclic aromatic hydrocarbons (PAC), Ozone, NO _x , SO ₂ , VOC's; Typically approx. 20 PPB in urban areas	Airports, Pharmaceutical, Food, New commercial AHU installations
TA-COMP CITY (with F7 prefilter)	Polycyclic aromatic hydrocarbons (PAC), Ozone, NO _x , SO ₂ , VOC's; Typically approx. 20 PPB in urban areas	Retrofit in existing AHU with limited space

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