

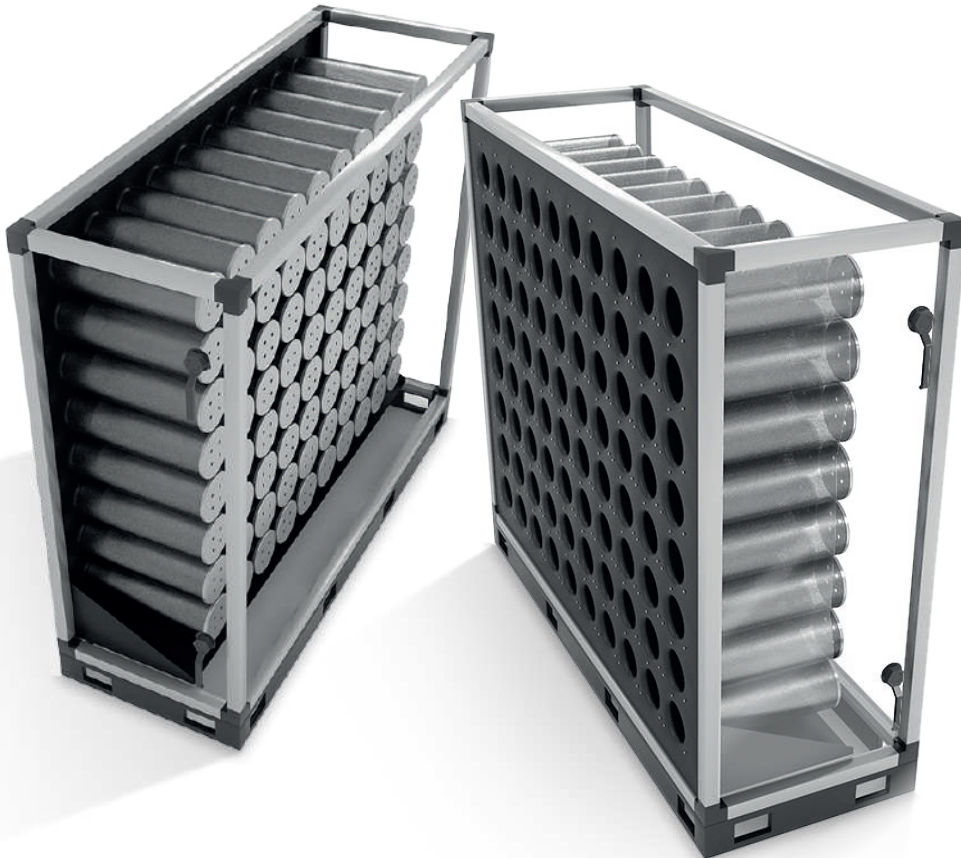
Active Carbon Filter, when used together with Electrostatic Filter, provides high efficiency odor filtration in industrial kitchens.



ACTIVATED CARBON FILTER

Advantages

- Easy assembly and installation with 4, 8 and 16 standard plates.
- High efficiency odor filtration.
- Low operating cost.



Activated carbon filters are used in kitchen filtration to eliminate odor particles after electrostatic filters.

The carbon filter used as a type of cartridge in kitchen filtration is made of microporous granules, which are small cylindrical in size of 3-4 mm and neutralize harmful organic compounds in the air stream.

The number of cartridges determined according to the air flow is applied in front of the fan after electrostatic filter in a cabinet. Maintenance and cleaning is not possible and the efficiency of the cleaning of the electrostatic filter can be up to **2 years**.

Horeca Activated Carbon Filters have;

- High Surface Area,
- Large internal porosity,
- High Gas Elimination Capacity,
- Low Pressure Loss, Energy Saving,
- Low Energy Consumption,
- Robustness and Airtightness,
- Easy Installation,
- Provides high efficiency in odor filtering with standard size.

Technical Specifications

MODEL	Diameter (mm)	Length (cm)	Number of Cartridges	Capacity (m³/h)	Total Carbon Mass (kg)	Cell Dimensions (AxBxC) (cm)	Contact Time (s)	Pressure Loss (Pa)
ACF-16	Ø 140	40	16	3.500	86	60x75x80	0.18	270
		50		4.350	60	70x75x80		
		60		5.250	72	80x75x80		
ACF-24		40	24	5.280	72	60x110x80		
		50		6.480	90	70x110x80		
		60		7.920	108	80x110x80		
ACF-32		40	32	7.040	96	60x75x140		
		50		8.640	120	70x75x140		
		60		10.560	144	80x75x140		
ACF-40		40	40	8.640	120	60x80x175		
		50		10.800	150	70x80x175		
		60		12.950	180	80x80x175		
ACF-48	40	48	10.560	144	60x100x130			
	50		12.960	180	70x100x130			
	60		15.840	216	80x100x130			
ACF-64	40	64	14.080	192	60x130x130			
	50		17.280	240	70x130x130			
	60		21.120	288	80x130x130			
ACF-72	40	72	15.840	216	60x140x150			
	50		19.800	270	70x140x150			
	60		23.760	324	80x140x150			
ACF-80	40	80	17.280	240	60x140x160			
	50		21.600	300	70x140x160			
	60		25.920	360	80x140x160			
ACF-96	40	96	21.120	288	60x130x200			
	50		25.920	360	70x130x200			
	60		31.680	432	80x130x200			

