

Cylindrical

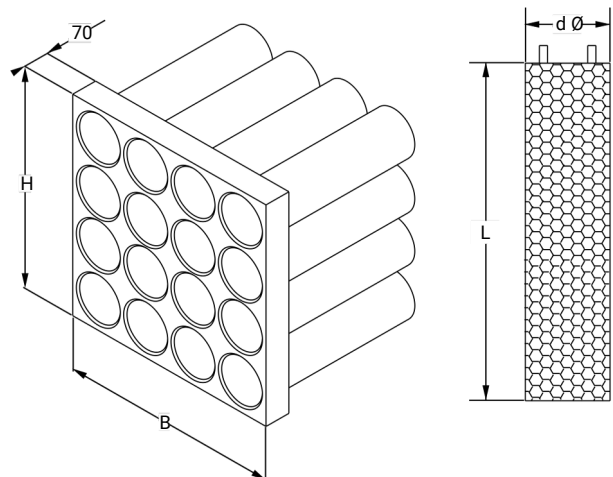
Advantages

- Maximum adsorption of harmful gases and odours.
- Long-lasting mechanical filtration efficiency that does not decrease throughout the filter's service life.
- High filter quality with low airflow resistance.

Filtration

Activated carbon granules are an advanced cylindrical filtering material designed to ensure exceptional adsorption efficiency. These granules, made from high-quality carbon sources, are carefully activated. They form a highly porous structure with a large surface area, providing extremely effective pollutant capture. These filters are ideal for air and water filtration in various applications. Activated carbon granules effectively remove pollutants, odours, and volatile organic compounds (VOCs), ensuring a cleaner and safer environment. The cylindrical shape of the filters promotes optimal flow dynamics, allowing efficient filtration and reducing pressure drop.

Cylindrical filters and frames in other dimensions are also available, depending on the technical requirements of the ventilation system.



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Specifications

Frame	Galvanized steel
Material	Activated carbon granules
Maximum pressure drop	400 Pa
Maximum operating temperature	< 40 °C
Relative humidity	< 70 %

Material	Galvanized or stainless steel	Galvanized or stainless steel	Galvanized or stainless steel
Size (diameter × height), mm	145 × 250	145 × 450	145 × 600
Filter accessory	Leaky bayonet closure	Leaky bayonet closure	Leaky bayonet closure
Filtering media	Activated carbon / Impregnated activated carbon / Impregnated aluminium oxide	Activated carbon / Impregnated activated carbon / Impregnated aluminium oxide	Activated carbon / Impregnated activated carbon / Impregnated aluminium oxide
Thickness, mm Weight of filtering material, kg	26	26	26
Recommended flow	1,1	2,1	3,0
16 cylinders, m3/h	1250	2500	3400
Contact time at recommended flow	0,1 sec	0,1 sec	0,1 sec