

Infection Control Filters (ICF16) MERV16 Rated HVAC filters

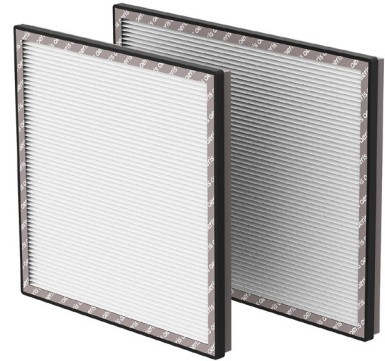
aeris

Highlights

Breaks down germs, bacteria and viruses. As tested on Coronavirus, Escherichia coli, Klebsiella pneumoniae, Staphylococcus aureus

Captures particulate matter as small as 0.1 micron at >95%

Rated at least MERV16 with an extremely low pressure drop over entire lifetime



Features

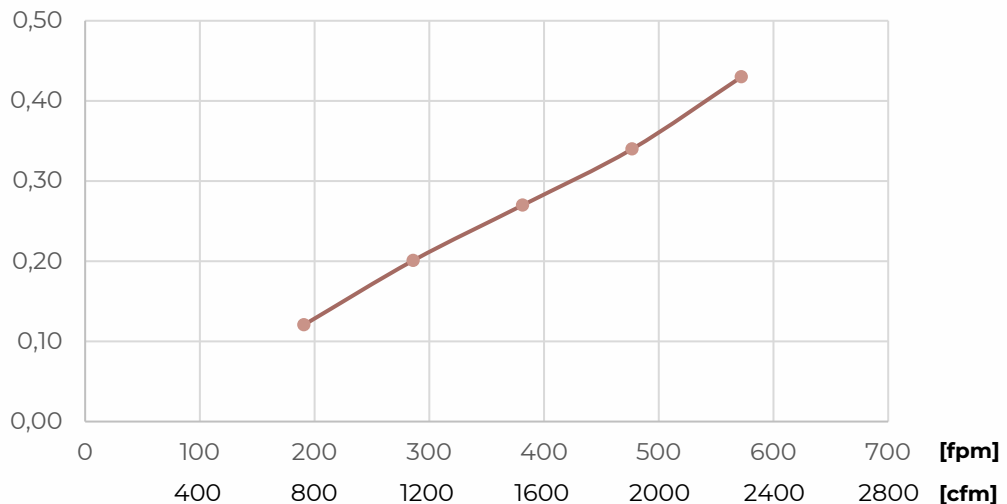
Aeris' proprietary Zinc Pyrithione coating on the filter inflow side attacks the bacteria cell wall and virus proteins. The coating ensures an effective log reduction of 94% on the Coronavirus and 99% on most common hospital bacteria over 2 hours. (according to ISO18184 and AATCC 147:2011)

aeris MERV16 rated PP based material creates low pressure drops of up to 0.35 inch of water at 492fpm (2.5 m/s). The low-pressure drop doesn't inhibit the HVAC's airflow and allows the filter to be used between six and eight months.

An all-round sealing ensures low leakage and a right fit in residential and commercial HVAC systems.

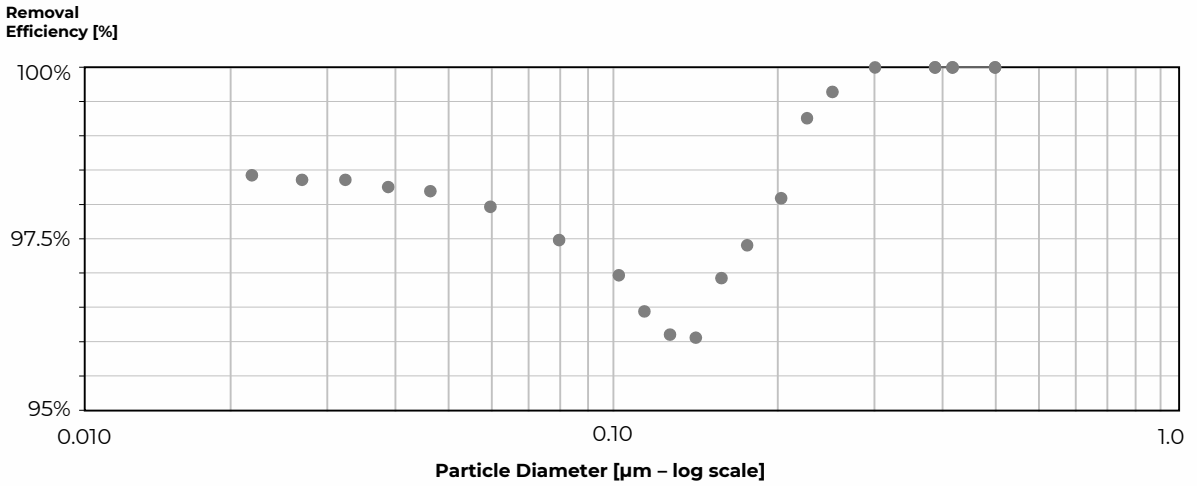
Static pressure
[Inch of water]

Pressure Drop on 24" x 24" *





Particle Size Removal Efficiency



*Tested according to EN1822

Dimensions available

2 inch Filters			
EAN	Nominal Size	Actual Size in in.	Actual Size in mm
	16x16x2	15 3/8 x 15 3/8 x 1 3/4	391 x 391 x 45
	14x20x2	13 3/8 x 19 3/8 x 1 3/4	340 x 492 x 45
	16x20x2	15 3/8 x 19 3/8 x 1 3/4	391 x 492 x 45
	20x20x2	19 3/8 x 19 3/8 x 1 3/4	492 x 492 x 45
	14x25x2	13 3/8 x 24 3/8 x 1 3/4	340 x 619 x 45
	16x25x2	15 3/8 x 24 3/8 x 1 3/4	391 x 619 x 45
	20x25x2	19 3/8 x 24 3/8 x 1 3/4	492 x 619 x 45
	24x24x2	23 3/8 x 23 3/8 x 1 3/4	594 x 594 x 45
	16x30x2	15 3/8 x 29 3/8 x 1 3/4	391 x 746 x 45
	24x30x2	23 3/8 x 29 3/8 x 1 3/4	594 x 746 x 45
	20x30x2	19 3/8 x 29 3/8 x 1 3/4	492 x 746 x 45