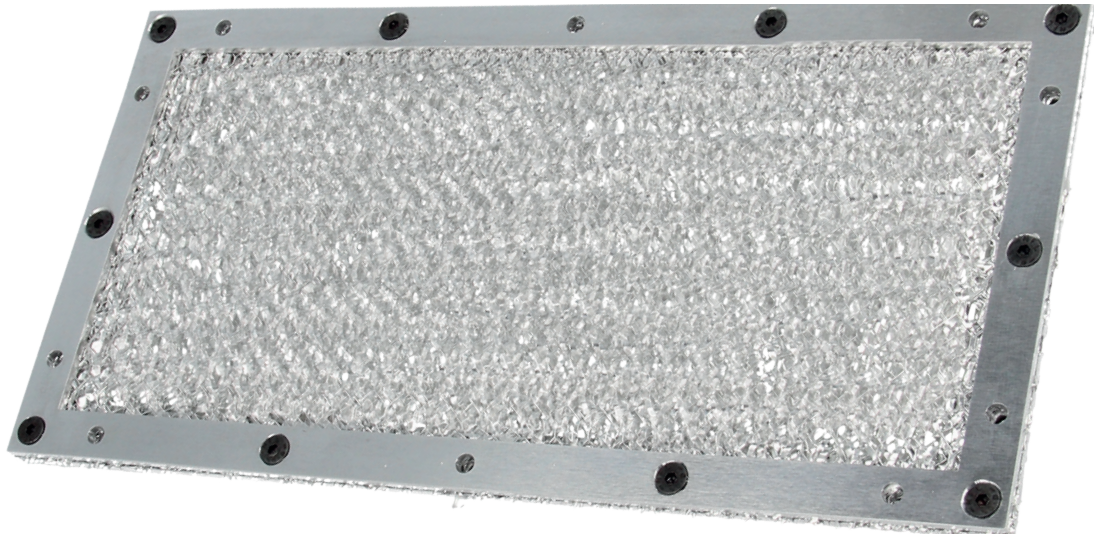


EMC DUST FILTER VENTILATION PANELS 9510

EMC Dust filter ventilation panels are used to shield openings for heating and ventilation against undesirable electromagnetic waves

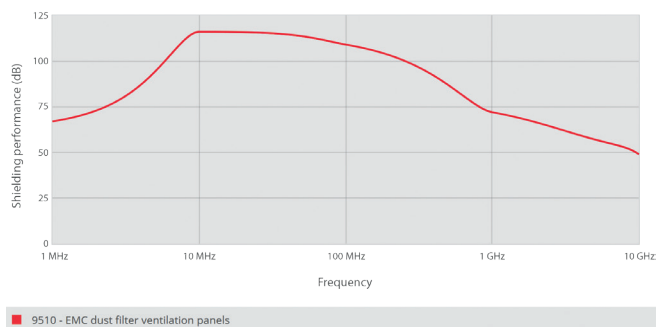


EMC dust filter ventilation panels consist of several layers of aluminum foil mesh encased in a rigid aluminum frame, pre-drilled, or with fasteners made to the customer's specifications, or with flow-drilled thread holes.

Approximately 95% of the 9510 series EMC Dust filter ventilation panels are made to customer specifications complying with an order. These panels can be treated with a variety of finishes to provide corrosion protection. Air filter oil can be applied to the aluminum filter to assist in dirt and dust retention.

By default, frames can be provided with an additional 6800 series Amucor or 7000 series Standard shield EMI gasket.

ATTENUATION LEVELS (DB)



APPLICATIONS

- Electronics enclosures
- Air conditioning units
- Fan housings
- EMC racks

ADVANTAGES

- Light weight
- High shielding performance
- Very low air-flow resistance
- Reduction of turbulence

STANDARD DELIVERY TIME

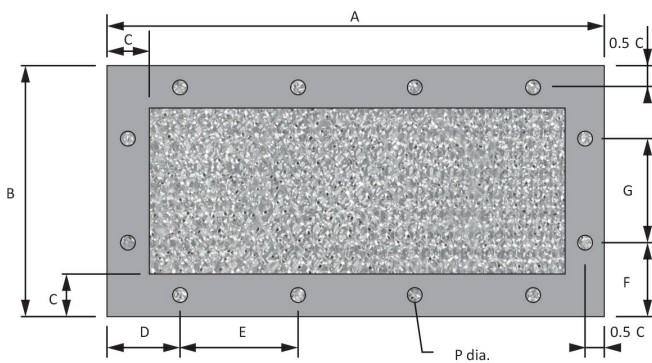
Most standard-sized EMC dust filters are available from stock. When they are not in stock or when you need a custom-made filter, delivery is within two weeks.



» EMC DUST FILTER VENTILATION PANELS 9510

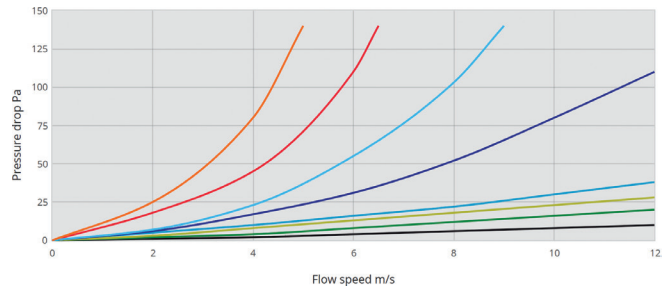
STANDARD DIMENSIONS

Our EMC dust filter ventilation panels are usually custom made for each client. However, some common dimensions are in stock. In the table of standard dimensions below some common types of EMC dust filter ventilation panels are specified to illustrate the required information. Hole diameter P is 3.5mm by default, with other dimensions possible on request. Also available with screw apertures or inserts.



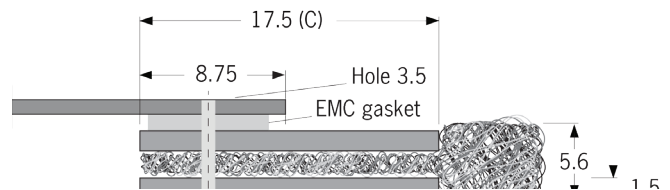
Outer dimensions		Mounting holes horizontal		Mounting holes vertical			
A	B	No	D	E	No	F	G
150	75	2	40	70	1	37.5	-
100	100	1	50	-	1	50	-
200	100	3	20	80	1	50	-
125	125	2	20	85	1	62.5	-
250	125	3	30	95	1	62.5	-
150	150	2	25	100	2	25	100
300	150	4	30	80	2	25	100
175	175	2	40	95	2	40	95
350	175	4	40	90	2	40	95
200	200	3	20	80	3	20	80
400	200	5	30	85	3	20	80
250	250	3	30	95	3	30	95
300	300	4	30	80	4	30	80
600	300	7	30	90	4	30	80

AIR-FLOW PRESSURE REDUCTION 9510 series - Air flow pressure drop graph

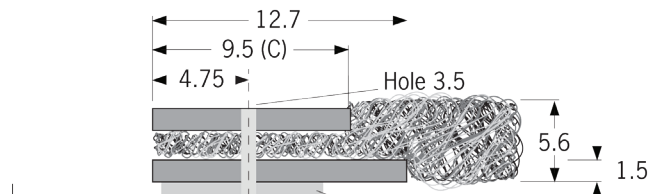


- 9510 - EMC Dust filter ventilation panel
- 9500 - Honeycomb ventilation panel (1 layer 3.2 cell x 6.35 mm thick honeycomb)
- 9500 - Honeycomb ventilation panel (2 layers 3.2 cell x 3.2 mm thick honeycomb)
- 9500 - Honeycomb ventilation panel (1 layer 1.6 cell x 6.35 mm thick honeycomb)
- 9500 - Honeycomb ventilation panel (1 layer 3.2 cell x 12.7 mm thick honeycomb)
- 9500 - Honeycomb ventilation panel (1 layer 3.2 cell x 6.35 mm thick honeycomb + 1 layer 30° slant 3.2 cell x 6.35 mm thick honeycomb for outdoor use)
- 9500 - Honeycomb ventilation panel (1 layer 3.2 cell x 6.35 mm thick honeycomb + 1 layer 45° slant 3.2 cell x 6.35 mm thick honeycomb for outdoor use)
- 9500 - Honeycomb ventilation panel (1 layer 3.2 cell x 6.35 mm thick honeycomb + 1 layer 60° slant 3.2 cell x 6.35 mm thick honeycomb for outdoor use)

FRAME OPTIONS



Frame A



Frame B

ORDER EXAMPLE

Series	Width (mm)	Height (mm)	Frame	Drill pattern	Gasket material
9510	Specify the width in mm	Specify the height in mm	A : Frame A B : Frame B	DS : Standard drill pattern DC : Custom drill pattern N : No holes	A : Amucor (standard) K : Knitted wire mesh N : No gasket