

Ventilation panels 9500

Shielded vent panels/honeycombs for ventilation



Shielded Vent panels for ventilation and heating



Honeycomb vents are used to shield openings for heating and ventilation against undesirable electromagnetic waves.

The aluminium honeycomb vent panels are supplied in rigid aluminium frames, pre-drilled or with fasteners made to your specifications or flow drilled thread holes.

If a very high shielding level is required, the use of cross-cell honeycombs is recommended. These are made from two pieces of 6.35 mm or 12.7 mm thick honeycomb within a single frame. The shielding performance will improve at the expense of slightly increased air flow resistance.

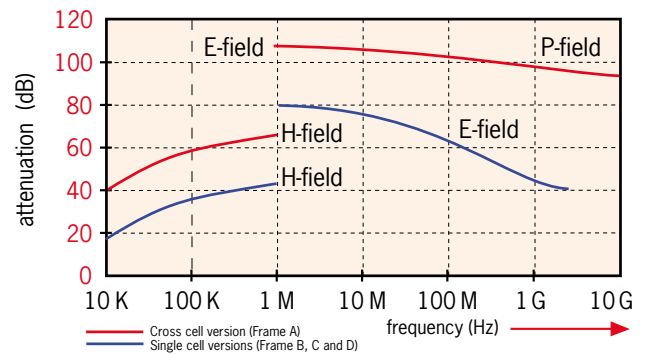
Benefits

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

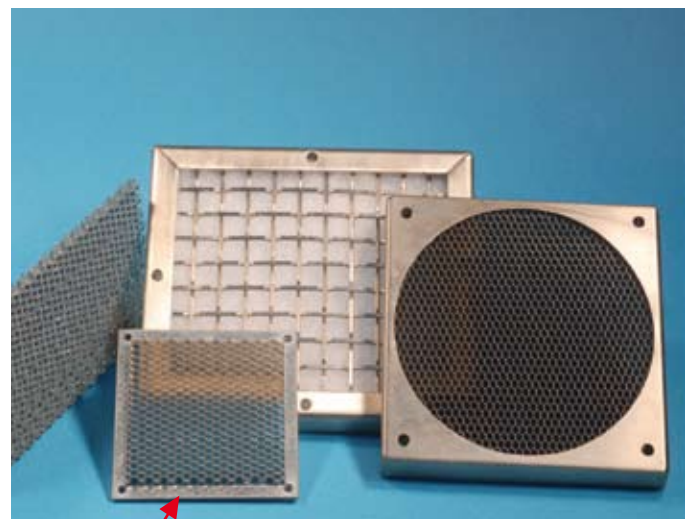
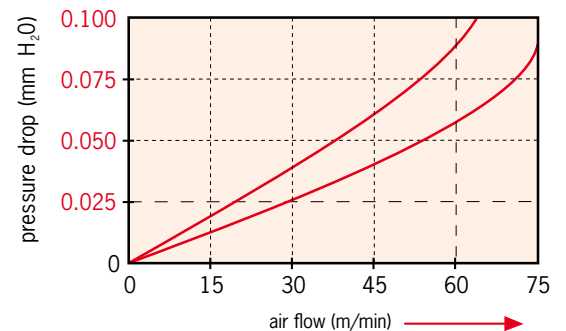
Options

- Cross-cell honeycomb for extra high shielding performance
- **Slant honeycomb 30°, 45°, 60° for outdoor rainproof applications (high volume only)**
- Polyurethane filter for dust protection
- Mechanical protection against damage
- Stainless steel version
- Brass

Shielding performance

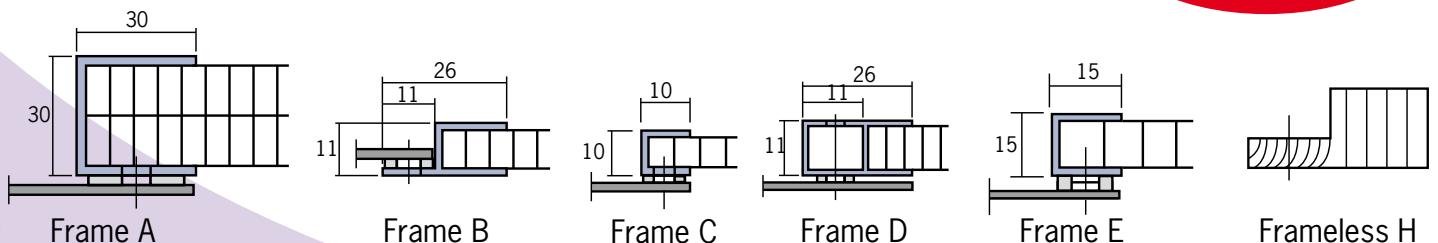


Airflow characteristics



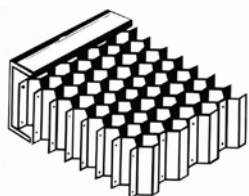
Honeycomb fan shield

Standard delivery time: less than one week!

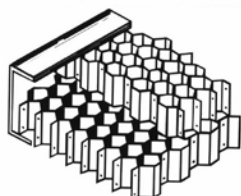


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Shielded vent panels/honeycombs for ventilation



Normal honeycomb



Crossed-cell honeycomb

Shielding performance

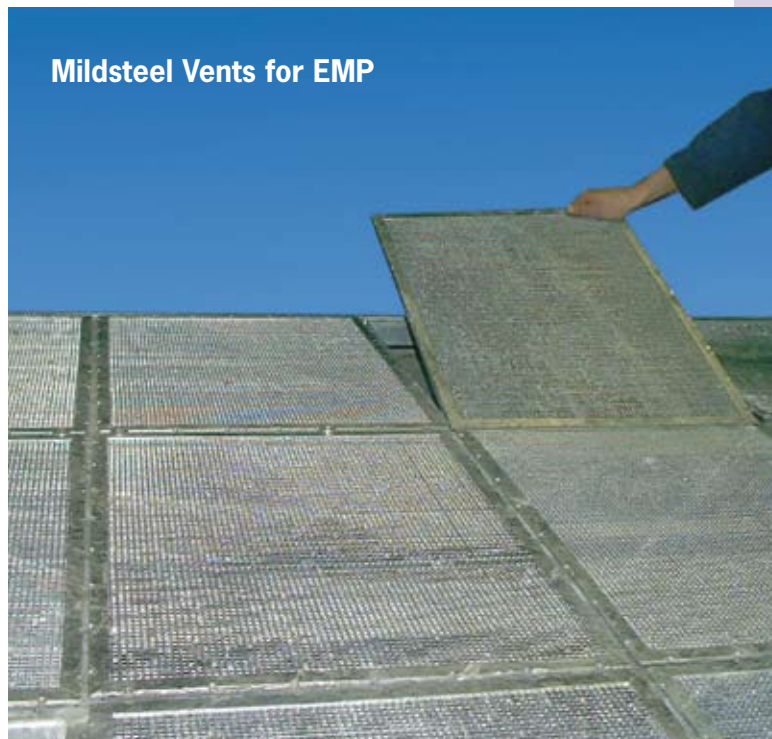
Frequency MHz	Mode	Attenuation dB
0.01	H	45
0.1	H	49
1.0	H	51
1.0	E	>100
10.0	E	>100
100.0	E	>100
1000.0	P	98
10000.0	P	95

See Guarantee

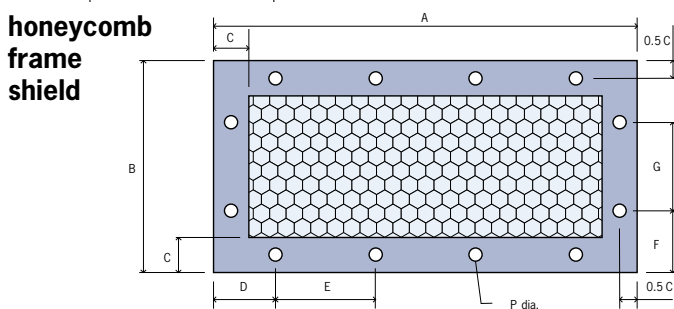
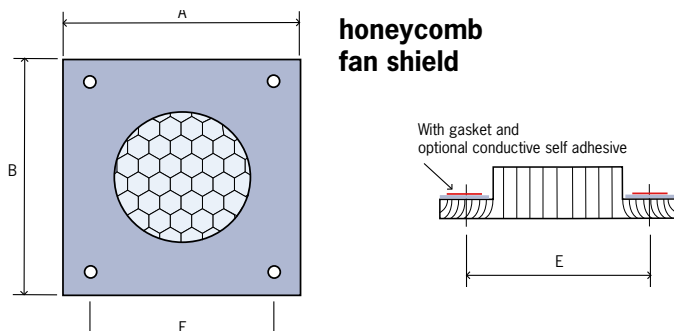
Standard dimensions

Outer dimensions		Mounting holes horizontal			Mounting holes vertical		
Honeycomb fan shield							
A	B	no	D	E	no	F	G
40	40	2	-	32	2	-	32
60	60	2	-	50	2	-	50
80	80	2	-	71	2	-	71
92	92	2	-	83	2	-	83
120	120	2	-	105	2	-	105
127	127	2	-	113	2	-	113

Outer dimensions		Mounting holes horizontal			Mounting holes vertical		
Honeycomb frame shield							
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



Mildsteel Vents for EMP



Most of the honeycomb ventilation panels are made according to customer's specifications. For standard part number see table above. When ordering honeycomb vents, the following information should be provided:

Ordering information

The standard material for gaskets is an Endless gasket 8100 series, thickness 2-4 mm, depending on outer dimensions. Any other on request.

Series	Height (mm)	Width (mm)	Frame type	Drill pattern
9500	200	200	C	DS

DS : standard drill pattern
DC : custom drill pattern