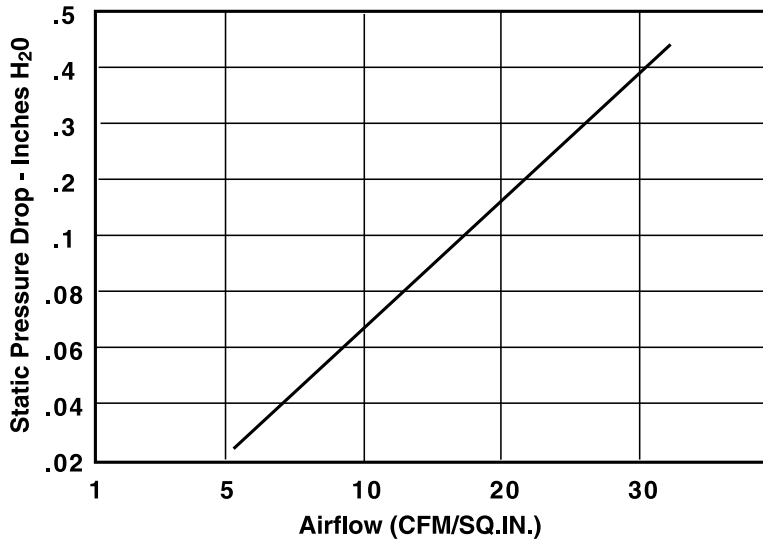


Air Flow Resistance — Figure 1

The low resistance to air flow of MAJR'S shielded honeycomb panels will minimize pressure drop within cabinet, allowing air to move freely through the intake and exhaust to perform the desired cooling function. The curves in Figure 1 show the resistance per square inch for standard honeycomb vents.



Mounting Installation

Four mounting frames are offered as a standard for installation into the cabinet. In each case, the extruded aluminum frame is designed with a "tooth" that bites into the filter grill to ensure grounding of frame to filter media.

Figure 2
Through Hole Style 3031

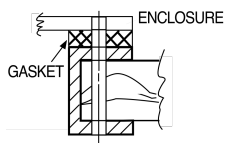
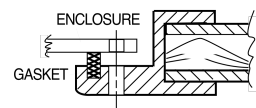


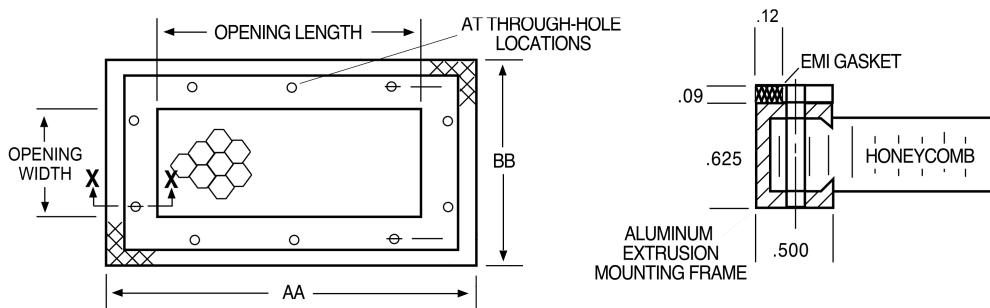
Figure 3
Recess Mount Style 3036



Sizing

Figure 4 - Style 3031
EMI/RFI Shielded Ventilation Panel with Through Holes

Panels available with AA up to 48" and BB up to 72". Opening size is typically 1" less than AA and BB. Contact sales for details.



Shielding Effectiveness vs Frequency – Table 1

Shielding Effectiveness dB

Field	Aluminum – Chromate Finish Material Code – 32					
	Frequency					
	1 MHz	100 MHz	500 MHz	1 GHz	10 GHz	18 GHz
E	60	50	50	–	–	–
PW	–	–	–	45	40	30

Field	Aluminum – Tin Plate Material Code – 42					
	Frequency					
	1 MHz	100 MHz	500 MHz	1 GHz	10 GHz	18 GHz
E	100	90	85	–	–	–
PW	–	–	–	80	70	60

Field	Steel – Tin Plate Material Code – 44							
	Frequency							
	10 kHz	100 kHz	1 MHz	100 MHz	500 MHz	1 GHz	10 GHz	18 GHz
H	45	60	–	–	–	–	–	–
E	–	–	110	110	110	–	–	–
PW	–	–	–	–	–	110	80	70

The data in Table 1 shows shielding characteristics for standard MAJR shielded vents. Note that the data indicated is based on a unit whose opening was 12.00” x 12.00” using a 0.5” x .125” cell size honeycomb and tested under laboratory conditions per MIL-STD 285. Tin Plated Steel data reflects a steel honeycomb and steel frame construction. Not all mounting frame options are available in steel.