



# VENTSHIELD | Attenuation Vents VH Shielding

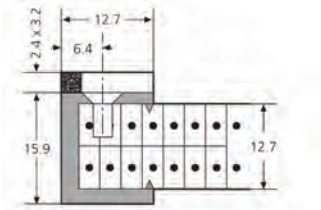
## Tolerances:

Overall dimensions  $\pm 0.8\text{mm}$   
 Fixing holes/fasteners  $\pm 0.5\text{mm}$   
 with jigs  $\pm 0.2\text{mm}$

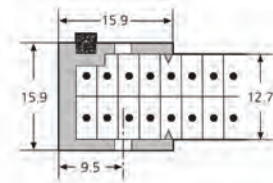
## Dust Filtration

Demountable dust filters are available for use with attenuation vents and are featured in the VB Shielding section. They are generally produced using the AF1 or AF5 frame style and can be mounted with quick-release fasteners for ease of cleaning or replacement.

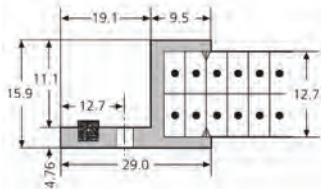
VH AF1



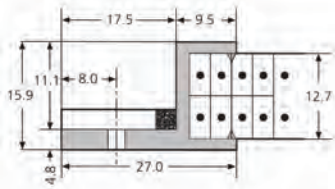
VH AF2



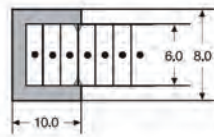
VH AF3



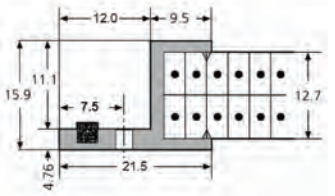
VH AF4



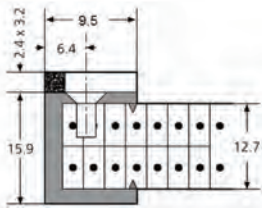
VH AF5



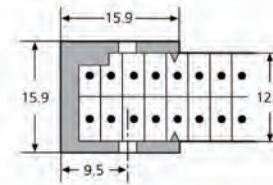
VH AF6



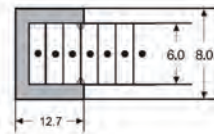
VH AF7



VH AF8



VH AF12



VH AF9

VH AF13

VH AF17

# VENTSHIELD | Attenuation Vents VH Shielding

SERIES	FRAME STYLE	VENT MEDIA	OVERALL SIZE	FIXINGS (NO.)	FIXING TYPE
VH-Vent	AF1	01=Cross-pole	xxxx-xxxx	xx	C/T=Captive insert
Aluminium	AF2	02=Single layer			T/H=Through hole
	AF3	03=Slant 45°			
	AF4	04=Slant cross-pole			
	AF5				
	AF6				
	AF7				
	AF8				
	AF9				
	AF12				
	AF13				
	AF17				

For aluminium vent panel types and styles not shown please contact us or forward a detailed drawing for quotation.

## How to order:

Specify: *Series - Frame Style - Vent Media - Overall Size - Number of Fixings - Fixing Type/Size*

Where possible please provide a detailed drawing.

### Example:

VH-AF1-01-2260-4330-12-T/H (4.8) specifies an aluminium cross-polarised vent panel in AF1 frame style with 12 through holes of 4.8 mm diameter. Hole positions to be agreed with the customer prior to manufacture or as shown on the customer drawing.

## Test Data for Profiles:

### Shielding Effectiveness - Type AF1/AF2/AF3 AF4/AF7/AF8

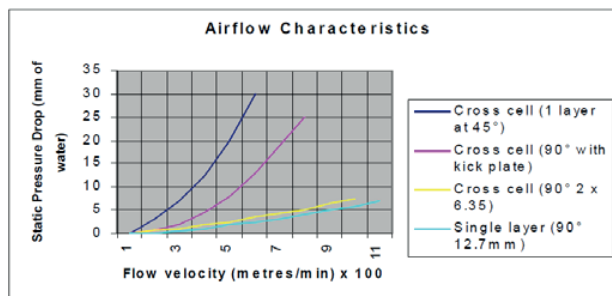
FREQUENCY	FIELD	ATTENUATION
10 KHz	H	45
100 KHz	H	49
1 MHz	H	51
1 MHz	E	>100
10 MHz	E	>100
100 MHz	E	>100
1 GHz	P	98
10 GHz	P	95

### Shielding Effectiveness - Type AF5/A9/A17

FREQUENCY	FIELD	ATTENUATION
10 KHz	H	40
100 KHz	H	43
1 MHz	H	47
1 MHz	E	84
10 MHz	E	97
100 MHz	E	>100
1 GHz	P	85
10 GHz	P	85

### Shielding Effectiveness - Type AF12 & 13

FREQUENCY	FIELD	ATTENUATION
10 KHz	H	51
100 KHz	H	57
1 MHz	H	>1055
1 MHz	E	>1055
10 MHz	E	>105
100 MHz	E	>105
1 GHz	P	90
10 GHz	P	90



### Gasket Selection Available

Neoprene/TSC (IP67) = AF1/AF4/AF5/AF7/AF8/AF9/AF12/AF13/AF17  
Solid TCS or Monel (EMC Only) = AF2/AF3/AF6

### Plating Finishes Available

Surtec 650 (RoHS and REACH Compliant -Our standard Finish)  
Nickel Plated  
Zinc Plated  
Tin Plated  
Painted to a RAL Colour  
Unplated