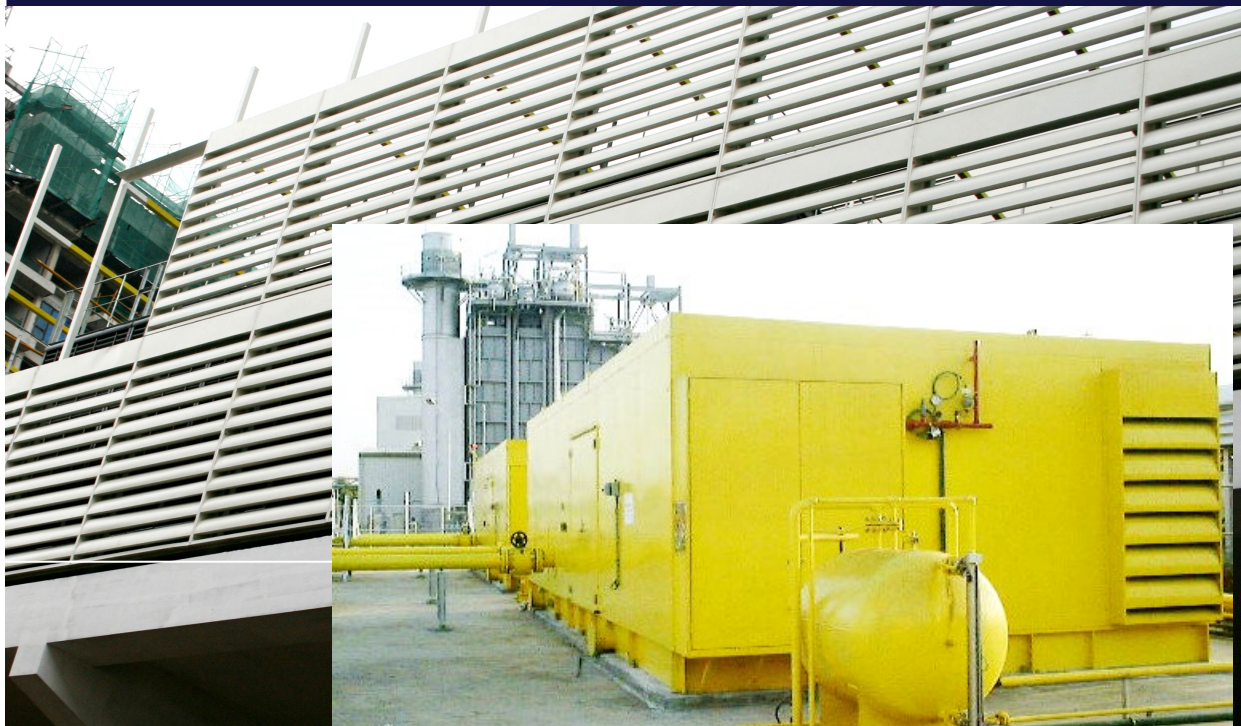


VENT-NOISE AEROFOIL ACOUSTIC LOUVER



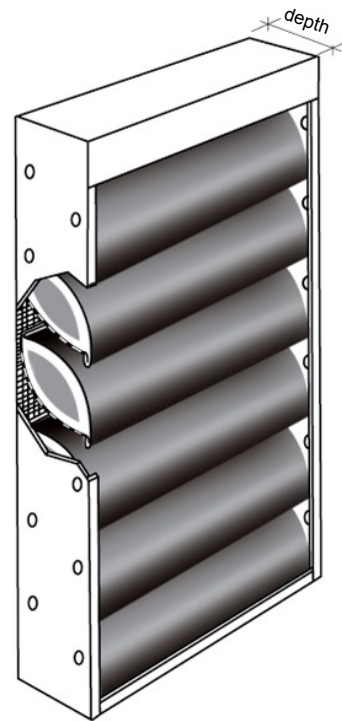
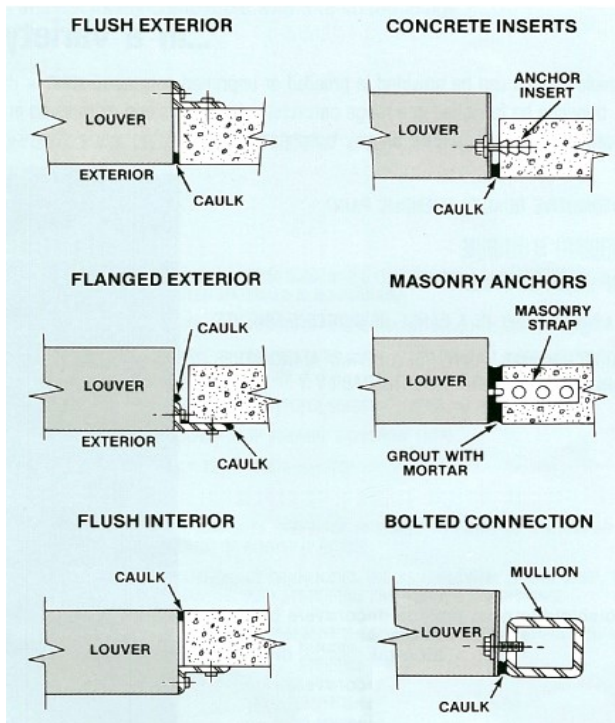
Vent-Noise Aerofoil Louvers are used to allow air flow and reduce noise transmission. Aerofoil shaped splitter blade can reduce maximum noise with minimum pressure drop. The bird screen is furnished as a standard on the back side of louvers.

It is available in aluminum or electro-galvanized/stainless steel. It can also be painted to the architectural colour, bare or powder coated. It has a wide variety of different applications such as ventilation louvers, decorative facades, equipment screens, weather shield, noise barriers, cross talk silencers and cooling tower inlet silencers.



Product Data Sheet

INSTALLATION METHOD



Vent-Noise
Aerofoil
Isometric View

SPECIFICATION

Outer casings shall be of 1.5mm thick aluminum or electro-galvanized/stainless steel. Louver blade shall be of aerofoil configuration and be made of 0.8mm thick. Louver baffle shall be packed with inert, vermin and moisture proof mineral fiber. Acoustic performance data is indicated in the table below.

Octave Band Center Frequency (Hz)		125	250	500	1K	2K	4K	STC
Transmission Loss, TL (dB)	Aerofoil #8 (204 mm depth)	7	5	8	11	11	10	10
	Aerofoil #12 (305 mm depth)	10	9	12	16	17	15	15
	Aerofoil Double Bank (620 mm depth)	13	19	22	28	32	28	27

Octave Band Center Frequency (Hz)		125	250	500	1K	2K	4K
Noise Reduction, NR (dB)	Aerofoil #8 (204 mm depth)	13	11	14	17	17	16
	Aerofoil #12 (305 mm depth)	16	15	18	22	23	21
	Aerofoil Double Bank	19	25	28	34	38	34

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