



Equiment acoustic signature – AZOMURES

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1 Fans AN03-K-001 & AN12-K-001

Sound Pressure level at 1 m from fan casing (*):

Octave Band (Hz)	63	125	250	500	1K	2K	4K	8K	Overall dB	dB(A)
Lw	127	128	132	128	125	121	116	111	136	
Lpf	93	91	95	89	83	79	74	68		91

Solutions to be used to ensure sound pressure level of 85dB(A) @ 1m:

An exterior acoustic insulation must be applied **on fan casing thanks to insulation pins.**

Minimal composition to be respected for this insulation:

- **Rockwool 70 kg/m³ thickness 100 mm + steel sheet 1mm**

Acoustic insulation will be made by others on site.

2 Motors AN03-K-001_M1 & AN12-K-001_M1

Sound Pressure level at 1 m from motor (*):

Octave Band (Hz)	63	125	250	500	1K	2K	4K	8K		dB(A)
Lpf	48	64	66	71	72	71	69	62		77

(*): The sound pressure levels are given without any solution of noise reduction (silencer, acoustic wall...)