

Wine cooler acoustics

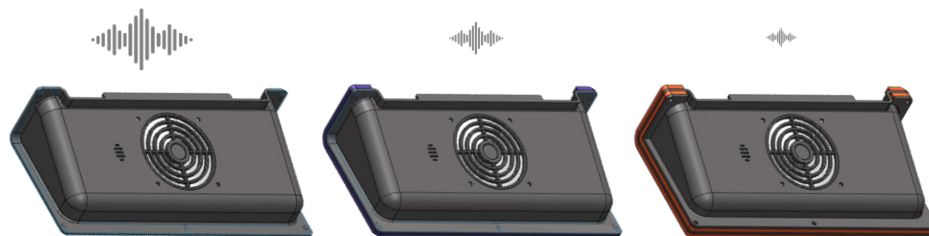
From noise to comfort



What we do

We help wine cooler manufacturers improve acoustic comfort and perceived product quality by reducing unwanted noise and vibration. We use tailored VibraFlex® isolation solutions to reduce vibration transfer from the fan through mounting brackets, screws and the cabinet structure. Each solution is adapted to the specific product design and required performance.

Example wine cooler solution levels, tailored to your requirements.



Construction	Baseline	Improved	Optimised
Core isolation materials	None	EPDM foam - Common sealing & packing material	VibraFlex® VF28 - Dedicated Vibration Isolation material
Isolation thickness	0 mm	8 mm	8 mm
Configuration	Bracket directly mounted to cabinet	Single layer between bracket and cabinet	Single layer between bracket and cabinet
Noise Reduction	0 dB(A)	3.2 dB(A)	5.3 dB(A)
Product Carbon Footprint (cradle-to-gate)	0 kg CO ₂ -eq/m ²	3.08 kg CO ₂ -eq/m ²	3.55 kg CO ₂ -eq/m ²

Detailed data available on request.

Note/Disclaimer: PCF values represent the insulation material only and are based on cradle-to-gate calculations following ISO 14040/44/67 principles. Results represent climate change impacts only and do not constitute an overall environmental assessment. Acoustic performance and carbon footprint results should be evaluated separately. Detailed data available on request.

Why work with us?

Our solutions support both new product development and optimisation of the existing designs.

With in-house R&D, laboratory testing and material expertise we support projects from concept to validated performance.

We are a development partner - not just a material supplier.

Contact us

