

Project Review

Modular acoustic compressor housings

Background

Gilcrest Manufacturing's Puracoustic panel system was selected by one of the UK's most innovative engineering companies, Space Engineering, as the best solution for modular refrigeration compressor housings.

Requirement

To manufacture and supply acoustic panels, matching ancillaries and doors suitable for 40 modular soundproof compressor housings to be fitted externally.

Solution

Developing a flexible modular structure that performs exceptionally well in the UK's varied climate and provides sufficient airflow and noise reduction:

- Manufacturing a number of galvanised perforated steel wall and ceiling panels with sound absorbing mineral fibre infill.
- Supplying sturdy hinged safety doors and special rubber membrane sheets for weather proofing.
- Applying Goosewing Grey external finish to the panels to resist extreme weather conditions.



Feedback/Result

'I chose you because the quality of the product. Your customer service is great. You always strive to solve issues quickly and efficiently. I am very happy with everyone involved with the initial project.'

Rhys Davies, Space Engineering

Project Details

Project	Modular acoustic housing compressor
Location	Across the UK
Application	Acoustic housings for refrigeration packs
Panel Facing	Galvanised perforated Steel (internal) Goosewing Grey HP200 Finish Externally
Panel Core	50mm thick Mineral Fibre core
Panel thickness	50mm
Panel Edge	Slip joint
Door requirement	Clamp Frame heavy duty door with External lockable Handle, sprung rebound restrictor.