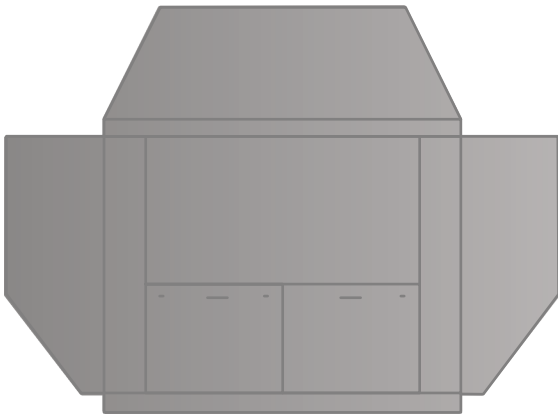


INTRODUCTION

The range of **ISOpac 6** Chiller Acoustic Packages have been continually developed over many years to reduce the radiated Sound Levels from Air Cooled Chillers, whilst combining a visually pleasing appearance.

The **ISOpac 6** gives a reasonable level of acoustic performance - typically a 6dB(A) reduction can be achieved which, combined with excellent airflow characteristics with low pressure loss, means that this Package is the ideal addition to the Chiller.

All Acoustic Packages are designed to suit your individual project, our Team of Sales Engineers can assist with the design of the Chiller Package for the optimum selection.



DESIGN AND MANUFACTURE

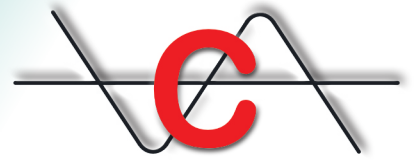
The **ISOpac 6** Chiller Acoustic Packages are designed to be fixed to the chiller. Should the chiller be situated on open steelwork, an additional acoustic floor is required to maintain the acoustic integrity of the product and to reduce noise breakout from the underside.

Due to the flexible nature of the design, the Chiller Acoustic Package can be used to attenuate a wide variety of Chiller sizes, from 2 fans up to multiple Chiller units with 48 or more fans.

The Chiller Acoustic Package has minimal visible fixings with the only external hardware being for the hinged/removable access panels to facilitate maintenance.

All Packages are supplied in kit form for site assembly and hence are fully demountable for fan or compressor removal.

The **ISOpac 6** Chiller Acoustic Package is supplied, as standard, with a Polyester Powder Coat finish, to the external faces only, to any Standard RAL Colour.



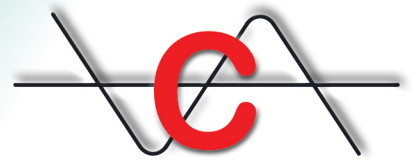
PERFORMANCE DATA

The **ISOpac 6** Chiller Acoustic Package has the following typical Acoustic Performance when measured horizontally from the side of the unit at a height of 1.5m from the base of the Chiller, based on Free Field propagation.

Insertion (dB) at Octave Band Centre Frequencies (Hz)

| 63Hz | 125Hz | 250Hz | 500Hz | 1000Hz | 2000Hz | 4000Hz | 8000Hz |
|------|-------|-------|-------|--------|--------|--------|--------|
| 2 | 3 | 4 | 6 | 6 | 6 | 6 | 6 |





TYPICAL SPECIFICATION

ISOpac 6 Chiller Acoustic Package

| | |
|------------------|--|
| Manufacturer: | Conabeare Acoustics Limited - 0118 930 3650 |
| Product Type: | ISOpac 6 - Chiller Acoustic Package. |
| Materials: | 1.0mm thick pre-galvanised throughout. |
| Acoustic Infill: | 45kg/m ³ density mineral wool retained behind glass fibre tissue facing and expanded metal skin having minimum 30% free area. |
| Finish: | Polyester Powder Coat to the external faces to any Standard RAL Colour. |
| Description: | Fabricated Steel Chiller Attenuation Package comprising pre-galvanised and painted components throughout. |

AVAILABLE OPTIONS

- Polyester Powder Coat to a Non-standard RAL Colour.
- Polyester Powder Coat to a RAL Metallic Colour.
- Colour Coated - Pre-finished steel fabrication. (Subject to availability)
- Steelwork Supports.
- Acoustic Floors with additional package support steelwork.
- Supplied in conjunction with other Conabeare Acoustics Limited products.

AVAILABLE SIZES

The **ISOpac 6** Chiller Acoustic Package can be supplied to suit Chillers from 2 fans up to multi modules or multi Chillers for 48 or more fans.

ENVIRONMENTAL CONSIDERATIONS

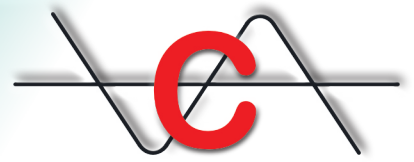
All items are produced in the UK from UK sourced suppliers, and are constructed from recyclable materials throughout.

All items are supplied to ensure minimal handling, transportation and waste. All raw materials are ordered on a project by project basis to facilitate this.

The package is supplied flat-packed in stackable modules so that all transportation is minimised.

All packaging is kept to a minimum and mainly consists of wooden pallets, recyclable cardboard and bubble wrap.





Acoustic Chiller Package - ISOpac 6

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