

CERTIFICATE OF CONFORMANCE

Date of Issue: 05 September 2022
 Customer: TNEI Services Ltd
 Certificate Number: CONF092201

Sound Level Meter	RCN	Type	NL-52	Serial Number	0072 002
Preamplifier	RCN		NH-25		22108
Microphone	RCN		UC-59		2194

This is to certify that the instrument was tested and calibrated at the Manufacturer's factory according to their specification and that the product satisfied all the relevant requirements of the following Standards:

EC 61672-1:2013 Class 1.

The instrument also received a functional check by ANS Measurement Systems prior to dispatch in the UK, in accordance with our standard procedures.

Position: Calibration Technician Date: 05 September 2022

BEAUFORT COURT, 17 ROEBUCK WAY, MILTON KEYNES, MK5 8HL

01908 842846 01908 642814

info@noise-and-vibration.co.uk www.noise-erc-vibration.co.uk

ACCOUNTS: NOISE AND VIBRATION LIMITED, REGISTERED IN ENGLAND NO. 3549023. REGISTERED OFFICE AS ABOVE.

Annex 4 – Noise Modelling Data

Doc. Name		Noise Data Sheet		Confidential	
Doc. ID	Revision	Doc. Type	Pages	Author	Status
		Date Sheet	1 (1)	Ajalemyah, Goshin+Wentall Energy Business	Approved
Reviewed by	Approved by				

Noise Data Sheet Gridsolv Quantum

1. Envicoool Chiller (2 units per Gridsolv Quantum)

Model number : EMM75HDNC1A

A-weighted sound power level of the chiller, ref. 1pW:

Frequency [Hz]	31.5	63	125	250	500	1000	2000	4000	8000	Total
A-weighted sound power level L _{WA} [dB]	40	56	70	70	68	63	60	51	47	74

Sound power level is based on measurement made according to standard ISO 3744:2010 using the estimation of sound power levels and sound energy levels or noise levels using sound pressure—Engineering methods for an essentially free field over a reflecting plane.

Each Gridsolv Quantum has two Envicoool chiller units on either side. The noise data is given for the single Envicoool chiller unit.



Figure 1 Gridsolv quantum



Figure 2 Single Envicoool chiller unit