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DATA SHEET

EG-U156-FJ13

Acoustic enclosure for AC Split Systems

24 September 2024

CUSTOMER:	SITE / LOCATION / REFERENCE
Quantum Acoustics	TBC

ORIGINAL EQUIPMENT MANUFACTURERS PUBLISHED DATA

MAKE, MODEL, DIMENSIONS, AIR FLOW & SOUND PRESSURE LEVEL @1.0M FREE FIELD

MAKE	MODEL	AIR IN	AIR OUT
Fujitsu	AOYG18KBTA2	H - 2 Side	H - Front

WIDTH (MM)	DEPTH (MM)	HEIGHT (MM)	AIRFLOW (M^3S^{-1})	DISTANCE (M)	SPW dB(A)
940	375	692	0.561	1	50

INNER CUBE DIMENSION

WIDTH (MM)	DEPTH (MM)	HEIGHT (MM)
1050	450	880

AIRFLOW (M^3S^{-1})	DISTANCE (M)	SPL dB(A)
0.56	1.0	50

ENCLOSURE DETAIL

WIDTH (MM)	DEPTH (MM)	HEIGHT (MM)
1650	950	945

AIRFLOW (M^3S^{-1})	DISTANCE (M)	SPL dB(A)
0.56	1.0	24

INLET AIRWAYS

WIDTH (MM)	HEIGHT (MM)	NO.
225	880	1

DESIGN CRITERIA

UNIT SIZE	INTLET	OUTLET
OK	OK	OK

OUTLET AIRWAYS

WIDTH (MM)	HEIGHT (MM)	NO.
225	880	1

AIRFLOW INFORMATION

PD (NM^{-2})	INLET (MS^{-1})	OUTLET (MS^{-1})
10	2.8	2.8

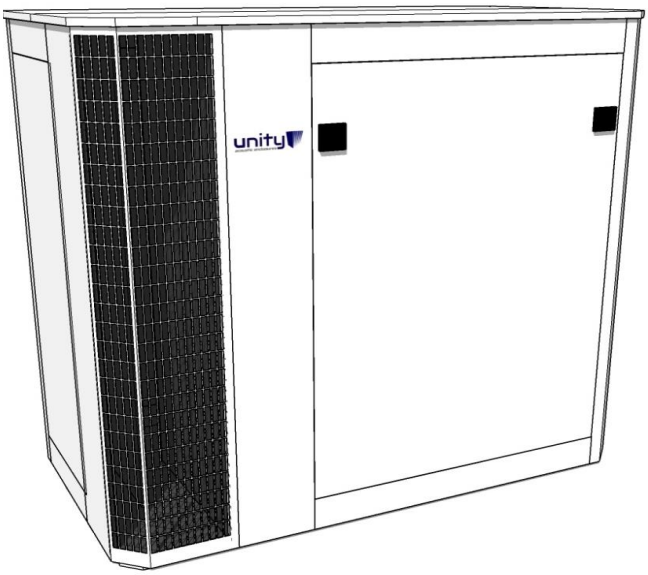
ENCLOSURE INFORMATION	WIDTH (MM)	DEPTH (MM)	HEIGHT (MM)
INLET AIRWAY	225		880
OUTLET AIRWAY	225		880
EXTERNAL SIZE	1650	950	945
INDICATIVE NOISE LEVEL	24	**SPW dB(A) SOUND PRESSURE	

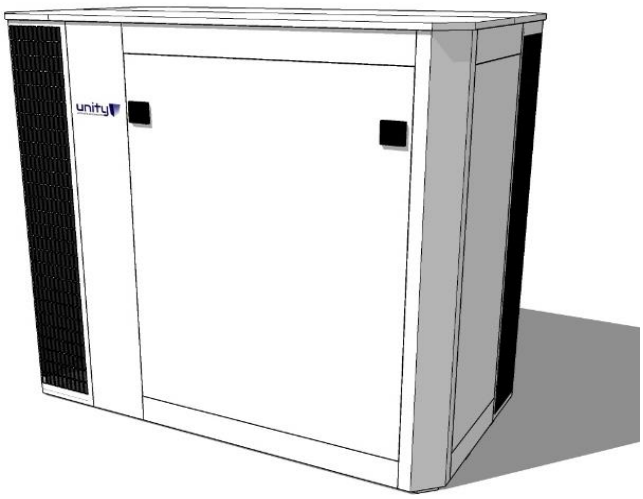
NOTES CONCERNING ENCLOSURE DESIGN

****Minimum Space Required in front of airways - 300mm****

Unity Access Panels Lift Off or Hinged for Maintenance/Service

** Noise level above based on Free Field condition - actual noise levels will be dependant on site conditions





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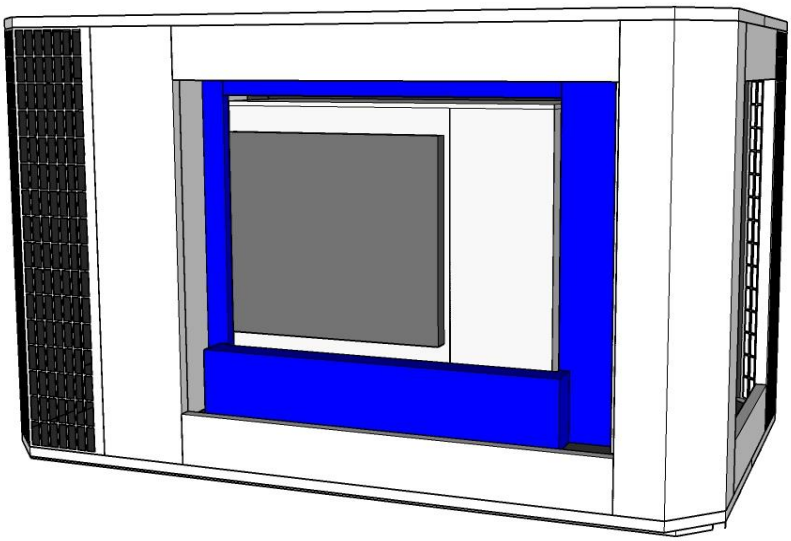
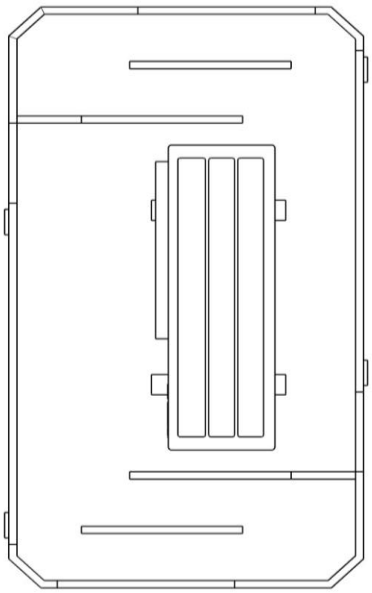
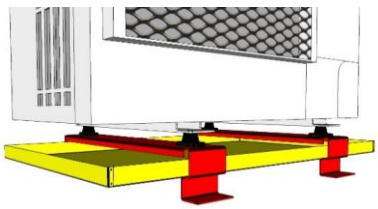
Exterior Colour
Any RAL/BS Colour
Special Finishes Available





Service/Maintenance Access



OPTIONAL EXTRAS
Anti Vibration Mounts
Condensate Drain Pan
Drain Pan Heater Tape
Invisible' Wall Mounting Frame

Balanced Air Flow
Internal Plenum Seals stop
Air Recirculation

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