

DATA SHEET

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EG-U38-ME22

06 October 2023

Acoustic enclosure for AC Split Systems

CUSTOMER: CARTER SYNERGY	SITE / LOCATION / REFERENCE
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ORIGINAL EQUIPMENT MANUFACTURERS PUBLISHED DATA
MAKE, MODEL, DIMENSIONS, AIR FLOW & SOUND PRESSURE LEVEL @1.0M FREE FIELD

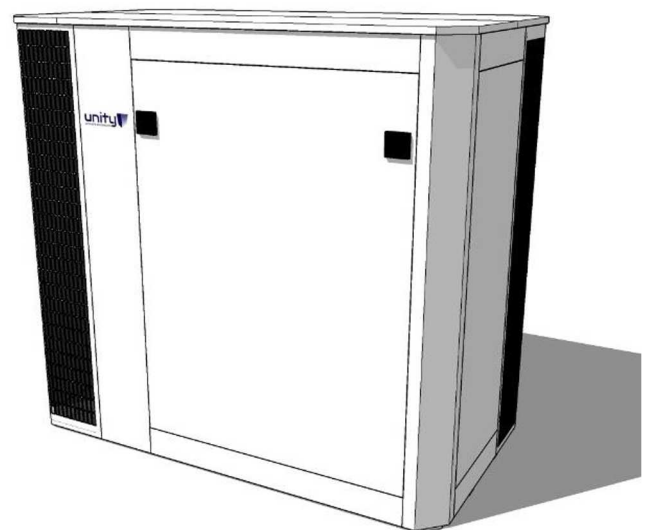
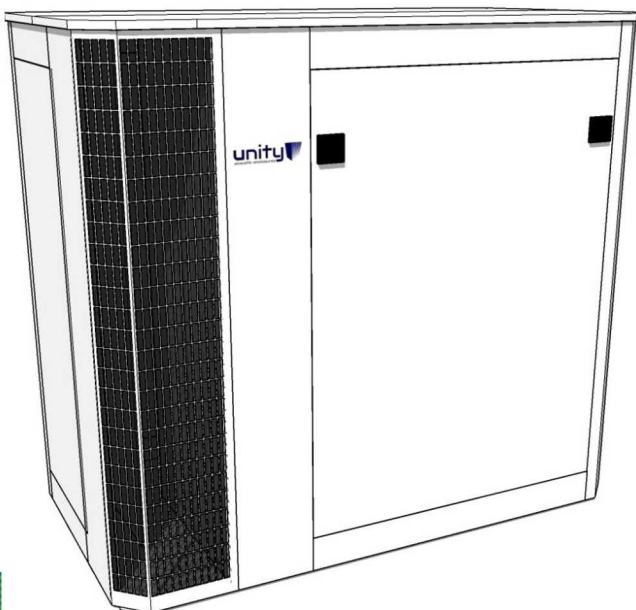
MAKE			MODEL			AIR IN			AIR OUT		
Mitsubishi Electric			PUZ-ZM250YKA			H - 2 Side			H - Front		
WIDTH (MM)	DEPTH (MM)	HEIGHT (MM)	AIRFLOW (M ³ S ⁻¹)			DISTANCE (M)			SPW dB(A)		
1050	355	1338	2.34			1			62		
INNER CUBE DIMENSION			ENCLOSURE DETAIL								
WIDTH (MM)	DEPTH (MM)	HEIGHT (MM)	WIDTH (MM)	DEPTH (MM)	HEIGHT (MM)						
1150	450	1930	1900	1100	1995						
AIRFLOW (M ³ S ⁻¹)	DISTANCE (M)	SPL dB(A)	AIRFLOW (M ³ S ⁻¹)	DISTANCE (M)	SPL dB(A)						
2.34	1.0	62	2.34	1.0	36						
INLET AIRWAYS			DESIGN CRITERIA								
WIDTH (MM)	HEIGHT (MM)	NO.	UNIT SIZE	INTLET	OUTLET						
300	1930	1	OK	OK	OK						
OUTLET AIRWAYS			AIRFLOW INFORMATION								
WIDTH (MM)	HEIGHT (MM)	NO.	PD (NM ²)	INLET (MS ⁻¹)	OUTLET (MS ⁻¹)						
300	1930	1	19	4.0	4.0						
ENCLOSURE INFORMATION			WIDTH (MM)	DEPTH (MM)	HEIGHT (MM)						
INLET AIRWAY			300		1930						
OUTLET AIRWAY			300		1930						
EXTERNAL SIZE			1900	1100	1995						
INDICATIVE NOISE LEVEL			36	**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

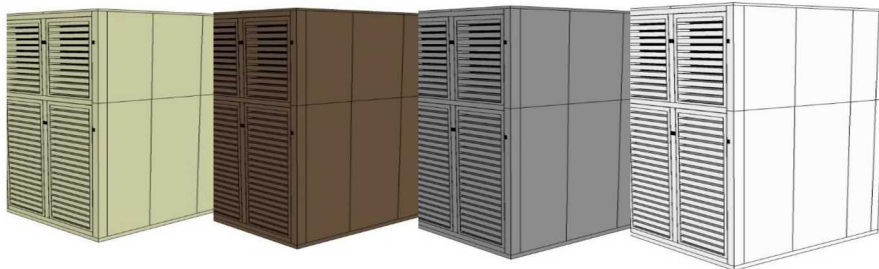


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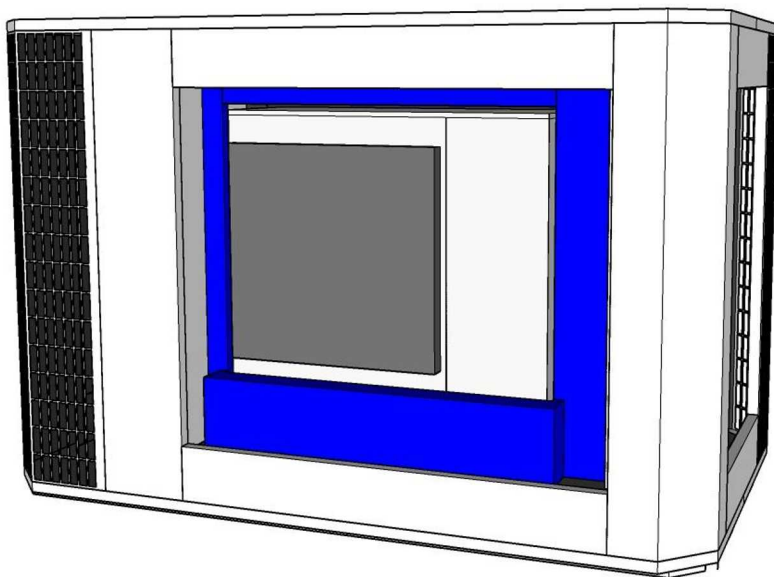
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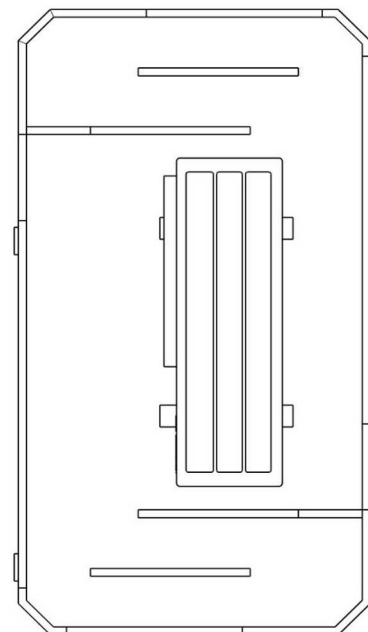
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Exterior Colour
Any RAL/BS Colour
Special Finishes Available



Service/Maintenance Access



Balanced Air Flow
Internal Plenum Seals stop
Air Recirculation

OPTIONAL EXTRAS

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

