

SELECTION MATRIX

environlite 1.1.25AC T6-1300

Acoustic enclosures for Split AC Unit Applications

CUSTOMER:	SITE / LOCATION / REFERENCE

ORIGINAL EQUIPMENT MANUFACTURERS PUBLISHED DATA					
MAKE, MODEL, DIMENSIONS, AIR FLOW & SOUND PRESSURE LEVEL @1.0M FREE FIELD					
MAKE:		MODEL:		AIR IN	AIR OUT
Panasonic		U-4LE2E5		Rear & 1 Side	Front
WIDTH (MM)	DEPTH (MM)	HEIGHT (MM)	AIRFLOW (M ² S ⁻¹)	SPL dB(A)	DISTANCE (M)
996	370	980	1.15	54	1

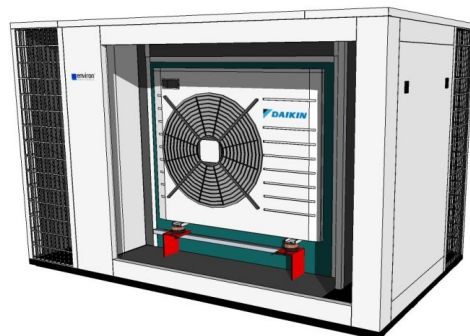
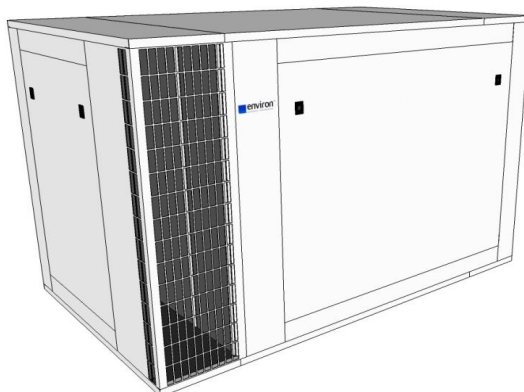
INNER CUBE DIMENSIONS			ENCLOSURE DETAIL		
1050	450	1135	1700	1100	1300
WIDTH (MM)	DEPTH (MM)	HEIGHT (MM)	WIDTH (MM)	DEPTH (MM)	HEIGHT (MM)
1.15	1.0	54	1.15	1.0	-25
AIRFLOW (M ² S ⁻¹)	DISTANCE (M)	SPL dB(A)	AIRFLOW (M ² S ⁻¹)	DISTANCE (M)	SPL dB(A)
300	1135	1	DESIGN CRITERIA		
WIDTH (MM)	HEIGHT (MM)	NO.	OK	OK	OK
OUTLET AIRWAYS			UNIT SIZE	OUTLET	INLET
300	1135	1	AIRFLOW INFORMATION		
WIDTH (MM)	HEIGHT (MM)	NO.	14	3.4	3.4
			PD (NM ⁻²)	OUTLET (MS ⁻¹)	INLET (MS ⁻¹)

Select Inlet & Outlet Airway Sizes to Ensure Airflows are kept Below 6.0m/s

ENCLOSURE INFORMATION			WIDTH (MM)	DEPTH (MM)	HEIGHT (MM)
INLET AIRWAY			300		1135
OUTLET AIRWAY			300		1135
EXTERNAL SIZE			1700	1100	1300
INDICATIVE SOUND LEVEL RANGE @ 1.0m (Free Field)			-25	SPL dB(A) SOUND PRESSURE	

NOTES CONCERNING ENCLOSURE DESIGN

130kg



Environ acoustic designs are protected under patent

The information contained in this Selection Matrix is Confidential and shall not be disclosed or used for any unauthorised purposes