

SELECTION MATRIX

environlite 1.1.25AC T4-1200

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
Daikin		5MXM90N		Rear & 1 Side	Front
WIDTH (MM)	DEPTH (MM)	HEIGHT (MM)	AIRFLOW (M ³ S ⁻¹)	Sound Power Lw dB(A)	DISTANCE (M)
958	340	734	1.00	52	1

INNER CUBE DIMENSIONS		
1050	450	1135
WIDTH (MM)	DEPTH (MM)	HEIGHT (MM)
1.00	1.0	52
AIRFLOW (M ³ S ⁻¹)	DISTANCE (M)	SPL dB(A)

ENCLOSURE DETAIL		
1650	1000	1200
WIDTH (MM)	DEPTH (MM)	HEIGHT (MM)
1.00	1.0	-25
AIRFLOW (M ³ S ⁻¹)	DISTANCE (M)	SPL dB(A)

INLET AIRWAYS		
1135	250	1
WIDTH (MM)	HEIGHT (MM)	NO.

DESIGN CRITERIA		
OK	OK	OK
UNIT SIZE	OUTLET	INLET

OUTLET AIRWAYS		
250	1135	1
WIDTH (MM)	HEIGHT (MM)	NO.

AIRFLOW INFORMATION		
15	3.5	3.5
PD (NM ⁻²)	OUTLET (MS ⁻¹)	INLET (MS ⁻¹)

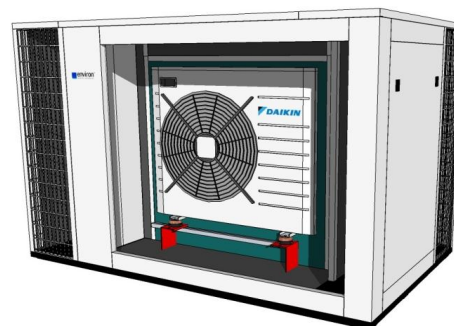
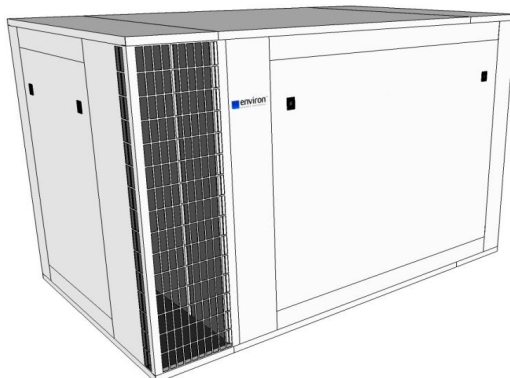
Select Inlet & Outlet Airway Sizes to Ensure Airflows are kept Below 6.0m/s

ENCLOSURE INFORMATION		
INLET AIRWAY		
OUTLET AIRWAY		
GENERAL EXTERNAL SIZE		
INDICATIVE SOUND LEVEL RANGE @ 1.0m (FREE FIELD)		

WIDTH (MM)	DEPTH (MM)	HEIGHT (MM)
250		1135
250		1135
1650	1000	1200
-25	SPL dB(A) SOUND PRESSURE	

NOTES CONCERNING ENCLOSURE DESIGN

Enclosure weight 85kg approx
 Static Pressure <20 Pascals
 Estimated Airflow



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