

SELECTION MATRIX

environlite T3-1350

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
Mitsubishi Electric		PUZ-WM112VAA		Front & 1 Side	Rear
WIDTH (MM)	DEPTH (MM)	HEIGHT (MM)	AIRFLOW (M ² S ⁻¹)	Sound Power dB(A)	DISTANCE (M)
1050	460	1020	1.28	45	1

INNER CUBE DIMENSIONS		
1100	600	1235
WIDTH (MM)	DEPTH (MM)	HEIGHT (MM)
1.28	1.0	45
AIRFLOW (M ² S ⁻¹)	DISTANCE (M)	SPL dB(A)

ENCLOSURE DETAIL		
1850	1100	1350
WIDTH (MM)	DEPTH (MM)	HEIGHT (MM)
1.28	1.0	minus 16-20dB
AIRFLOW (M ² S ⁻¹)	DISTANCE (M)	SPL dB(A)

INLET AIRWAYS		
1235	300	1
WIDTH (MM)	HEIGHT (MM)	NO.

DESIGN CRITERIA		
OK	OK	OK
UNIT SIZE	OUTLET	INLET

OUTLET AIRWAYS		
300	1235	1
WIDTH (MM)	HEIGHT (MM)	NO.

AIRFLOW INFORMATION		
14	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

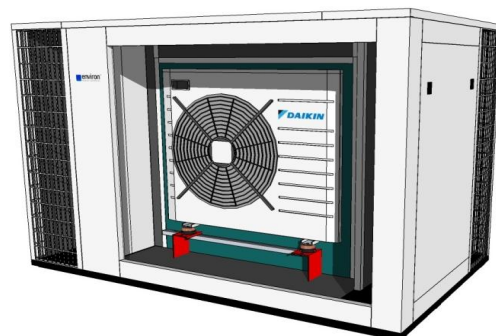
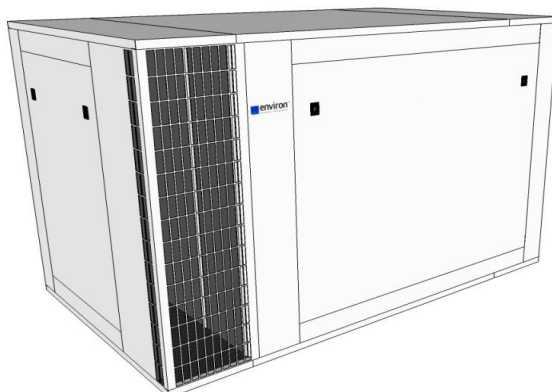
ENCLOSURE INFORMATION		
INLET AIRWAY		
OUTLET AIRWAY		
INDICATIVE EXTERNAL SIZE		
INDICATIVE SOUND LEVEL RANGE @ 1.0m (FREE FIELD)		

WIDTH (MM)	DEPTH (MM)	HEIGHT (MM)
300		1235
300		1235
1850	1100	1350
minus 16-20	SPL dB(A) SOUND PRESSURE	

NOTES CONCERNING ENCLOSURE DESIGN

Enclosure weight 140kg

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