

SELECTION MATRIX

environlite T6-1300

27 March 2018

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
Toshiba		MCY-MHP0506HT-E		Rear & 1 Side	Front
WIDTH (MM)	DEPTH (MM)	HEIGHT (MM)	AIRFLOW (M ² S ⁻¹)	SPL dB(A)	DISTANCE (M)
990	390	910	1.18	58	1

INNER CUBE DIMENSIONS		
1100	450	1235
WIDTH (MM)	DEPTH (MM)	HEIGHT (MM)
1.18	1.0	58
AIRFLOW (M ² S ⁻¹)	DISTANCE (M)	SPL dB(A)

ENCLOSURE DETAIL		
1700	1000	1300
WIDTH (MM)	DEPTH (MM)	HEIGHT (MM)
1.18	1.0	33
AIRFLOW (M ² S ⁻¹)	DISTANCE (M)	SPL dB(A)

INLET AIRWAYS		
1235	250	1
WIDTH (MM)	HEIGHT (MM)	NO.

DESIGN CRITERIA		
OK	OK	OK
UNIT SIZE	OUTLET	INLET

OUTLET AIRWAYS		
250	1235	1
WIDTH (MM)	HEIGHT (MM)	NO.

AIRFLOW INFORMATION		
17	3.8	3.8
PD (NM ⁻²)	OUTLET (MS ⁻¹)	INLET (MS ⁻¹)

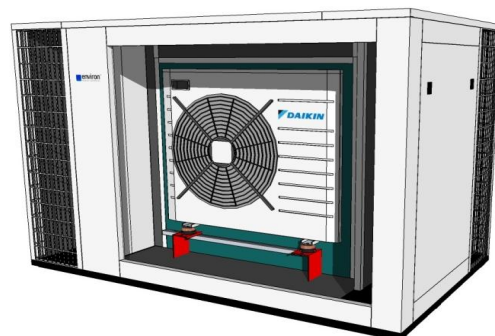
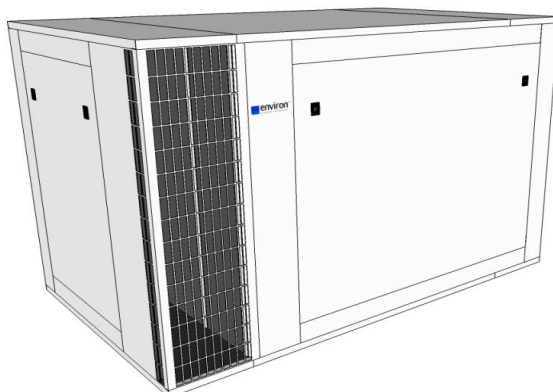
Select Inlet & Outlet Airway Sizes to Ensure Airflows are kept Below 6.0m/s

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

WIDTH (MM)	DEPTH (MM)	HEIGHT (MM)
250		1235
250		1235
1700	1000	1300
33	SPL dB(A) SOUND PRESSURE	

NOTES CONCERNING ENCLOSURE DESIGN

Enclosure weight 100kg



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