



**SELECTION MATRIX**

**Model: LM40V2HPSP03**

**21 March 2016**

Acoustic enclosure for AC Units

CUSTOMER:	SITE / LOCATION / REFERENCE
Carnell Warren Associates	

**ORIGINAL EQUIPMENT MANUFACTURERS PUBLISHED DATA**  
**MAKE, MODEL, DIMENSIONS, AIR FLOW & SOUND PRESSURE LEVEL @1.0M FREE FIELD**

MAKE		MODEL		AIR IN	AIR OUT
Daikin		RXYSQ12T7Y1B		H - Rear & 1 Side	H - Front
WIDTH (MM)	DEPTH (MM)	HEIGHT (MM)	AIRFLOW (M <sup>3</sup> S <sup>-1</sup> )	DISTANCE (M)	SPL dB(A)
940	460+40	1615	3.04	1	57

INNER CUBE DIMENSION		
1350	1300	2235
WIDTH (MM)	DEPTH (MM)	HEIGHT (MM)
3.04	1.0	57
AIRFLOW (M <sup>3</sup> S <sup>-1</sup> )	DISTANCE (M)	SPL dB(A)

ENCLOSURE DETAIL		
1400	1350	2300
WIDTH (MM)	DEPTH (MM)	HEIGHT (MM)
3.0	1.0	35
AIRFLOW (M <sup>3</sup> S <sup>-1</sup> )	DISTANCE (M)	SPL dB(A)

INLET AIRWAYS		
500	30	56
WIDTH (MM)	HEIGHT (MM)	NO.

DESIGN CRITERIA		
OK	OK	OK
UNIT SIZE	OUTLET	INLET

OUTLET AIRWAYS		
500	30	56
WIDTH (MM)	HEIGHT (MM)	NO.

AIRFLOW INFORMATION		
16	3.6	3.6
PD (NM <sup>2</sup> )	OUTLET (MS <sup>-1</sup> )	INLET (MS <sup>-1</sup> )

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

QUOTE INFORMATION	
INLET AIRWAY	
OUTLET AIRWAY	
EXTERNAL SIZE	
<b>INDICATIVE NOISE LEVEL @ 1 M (FREE FIELD)**</b>	

WIDTH (MM)	DEPTH (MM)	HEIGHT (MM)
1400	1350	2300
35	SPL dB(A) SOUND PRESSURE	

**NOTES CONCERNING ENCLOSURE DESIGN**

LouvreMax Panels Lift Off or Hinged for Maintenance/Service Access  
 \*\* Noise level above based on Free Field condition - actual noise levels will be dependant on site conditions

