

SELECTION MATRIX

environmodula 2.2.25AC MES6

24 June 2016

Acoustic enclosures for VRV/VRF/Chiller 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		PURY-P800YLM-A		H - 3 Sides	Top
WIDTH (MM)	DEPTH (MM)	HEIGHT (MM)	AIRFLOW (M ³ S ⁻¹)	SPL dB(A)	DISTANCE (M)
1220 + 1220	740	1710	7.66	65	1

INNER CUBE DIMENSIONS			ENCLOSURE DETAIL		
3250	1090	2525	4000	1500	3000
WIDTH (MM)	DEPTH (MM)	HEIGHT (MM)	WIDTH (MM)	DEPTH (MM)	HEIGHT (MM)
7.66	1.0	65	7.7	1.0	40-45
AIRFLOW (M ³ S ⁻¹)	DISTANCE (M)	SPL dB(A)	AIRFLOW (M ³ S ⁻¹)	DISTANCE (M)	Estimated SPL dB(A)
INLET AIRWAYS			DESIGN CRITERIA		
3600	300	2	OK	OK	OK
WIDTH (MM)	HEIGHT (MM)	NO.	UNIT SIZE	OUTLET	INLET
OUTLET AIRWAYS			AIRFLOW INFORMATION		
325	2925	2	15	4.0	3.5
WIDTH (MM)	HEIGHT (MM)	NO.	PD (NM ⁻²)	OUTLET (MS ⁻¹)	INLET (MS ⁻¹)

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

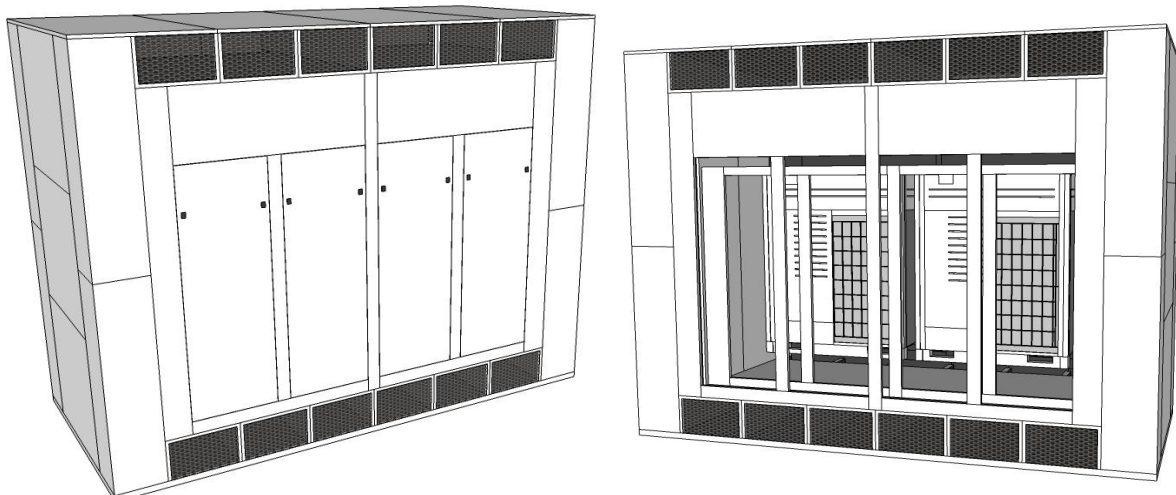
ENCLOSURE INFORMATION			WIDTH (MM)	DEPTH (MM)	HEIGHT (MM)
INLET AIRWAY			3600		300
OUTLET AIRWAY			300		2925
GENERAL DIMENSIONS			4000	1500	3000
ESTIMATED SOUND LEVELS @ 1m (Free Field)*			40-45	SPL dB(A) SOUND PRESSURE	

NOTES CONCERNING ENCLOSURE DESIGN

PURY-P400YLM + PURY-P400YLM Modules

Removable Door Mullions/Panels for CDM Access Compliance. Not compatible with Drain Tray Option.

*Estimated Sound Levels based on Free Field Conditions



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