

SELECTION MATRIX

Model: LM40V2HPSP1912.1

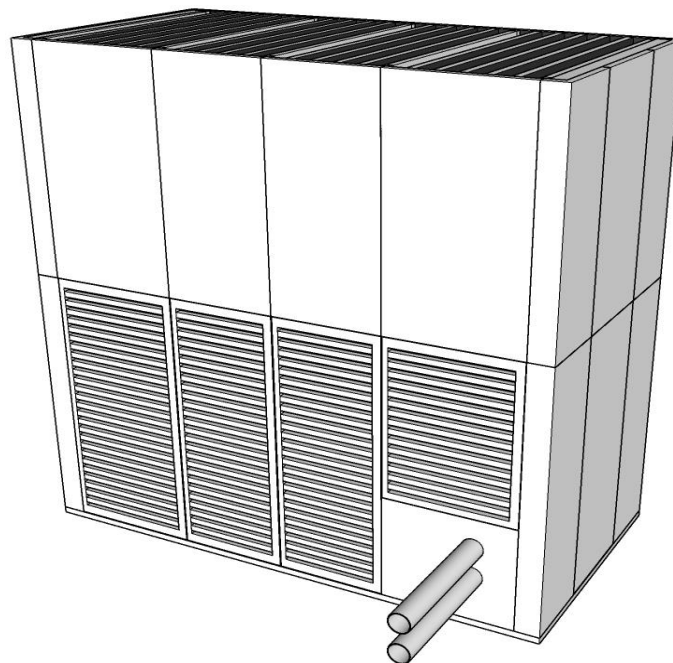
Acoustic enclosure for e-Series Modular Chiller

07 January 2021

CUSTOMER:			SITE / LOCATION / REFERENCE		
TGA Consulting Engineers			Hull Maritime Museum - Dock Office Chamber		
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		EAHV-P1500-YBL-N		H - 2 Side V	V - Top
WIDTH (MM)	DEPTH (MM)	HEIGHT (MM)	AIRFLOW (M²S⁻¹)	DISTANCE (M)	SPW dB(A)
3400	1080	2350	17.7	1	70
INNER CUBE DIMENSION			ENCLOSURE DETAIL		
3750	1750	3760	3800	1800	3810
WIDTH (MM)	DEPTH (MM)	HEIGHT (MM)	WIDTH (MM)	DEPTH (MM)	HEIGHT (MM)
17.70	1.0	70	17.7	1.0	52
AIRFLOW (M²S⁻¹)	DISTANCE (M)	SPL dB(A)	AIRFLOW (M²S⁻¹)	DISTANCE (M)	SPL dB(A)
INLET LOUVREMAX AIRWAYS			INLET AIRFLOW INFORMATION		
770	30	190	19	4.0	
WIDTH (MM)	HEIGHT (MM)	NO.	PD (NM²)	INLET (MS⁻¹)	
OUTLET SPLITTER AIRWAYS			OUTLET AIRFLOW INFORMATION		
1900	105	22	19	4.0	
WIDTH (MM)	HEIGHT (MM)	NO.	PD (NM²)	OUTLET (MS⁻¹)	
<i>Select Inlet & Outlet Duct Sizes to Ensure Airflows are kept Below 6.0m/s</i>					
QUOTE INFORMATION			WIDTH (MM)	DEPTH (MM)	HEIGHT (MM)
INLET AIRWAY					
OUTLET AIRWAY					
EXTERNAL SIZE			3800	1800	3810
INDICATIVE NOISE LEVEL			52	SPW 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



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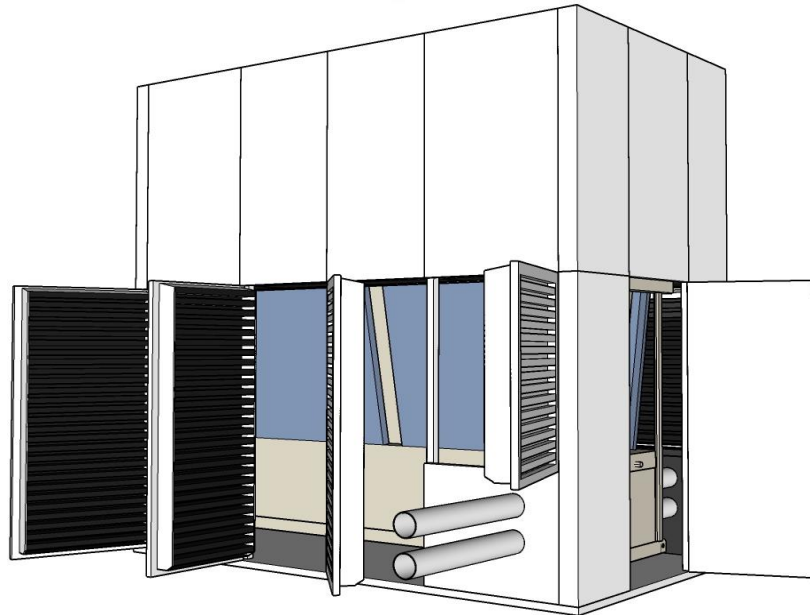
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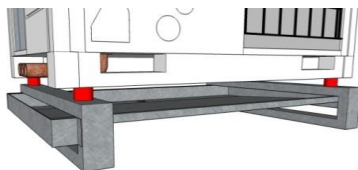


Exterior Colour

Any RAL/BS Colour

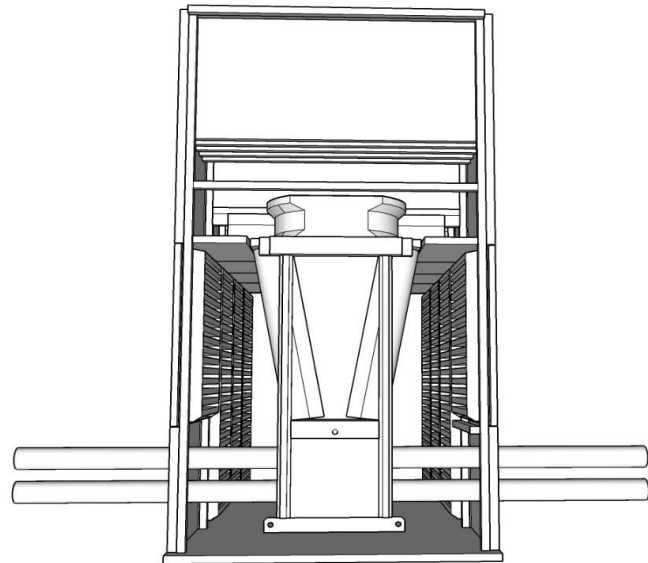


Service/Maintenance Access



OPTIONAL EXTRAS

- Anti Vibration Mounts
- Condensate Drain Pan
- Drain Pan Heater Tape



Balanced Air Flow

Internal Plenum Seals stop
Air Recirculation