

SELECTION MATRIX

**environ**lite

M6-T6-1300

05 November 2016

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
MHI		FDC140VN		Rear & 1 Side	Front
WIDTH (MM)	DEPTH (MM)	HEIGHT (MM)	AIRFLOW (M <sup>3</sup> S <sup>-1</sup> )	SPL dB(A)	DISTANCE (M)
970	370	845	1.25	51	1

INNER CUBE DIMENSIONS		
1100	450	1235
WIDTH (MM)	DEPTH (MM)	HEIGHT (MM)
1.25	1.0	51
AIRFLOW (M <sup>3</sup> S <sup>-1</sup> )	DISTANCE (M)	SPL dB(A)
INLET AIRWAYS		
1235	275	1
WIDTH (MM)	HEIGHT (MM)	NO.
OUTLET AIRWAYS		
275	1235	1
WIDTH (MM)	HEIGHT (MM)	NO.

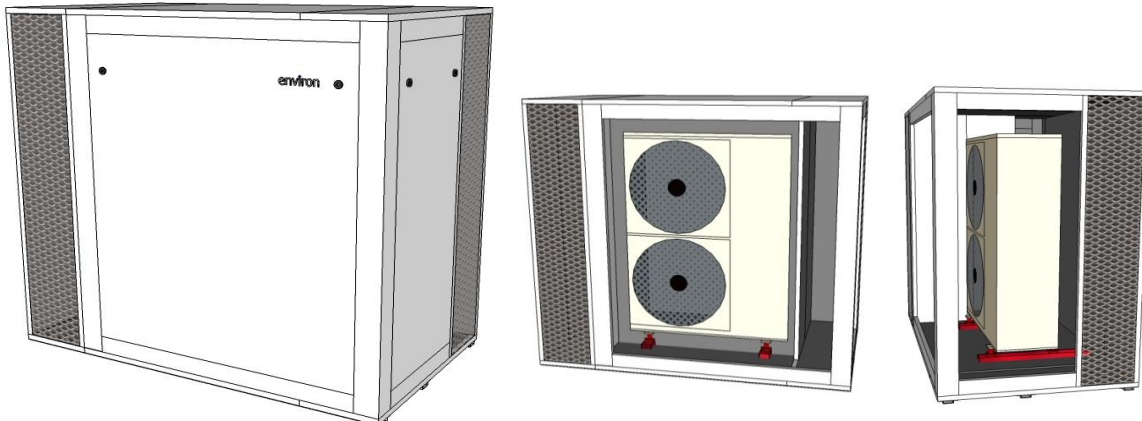
ENCLOSURE DETAIL		
1750	1050	1300
WIDTH (MM)	DEPTH (MM)	HEIGHT (MM)
1.25	1.0	25
AIRFLOW (M <sup>3</sup> S <sup>-1</sup> )	DISTANCE (M)	SPL dB(A)
DESIGN CRITERIA		
OK	OK	OK
UNIT SIZE	OUTLET	INLET
AIRFLOW INFORMATION		
16	3.7	3.7
PD (NM <sup>-2</sup> )	OUTLET (MS <sup>-1</sup> )	INLET (MS <sup>-1</sup> )

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

ENCLOSURE INFORMATION	
	INLET AIRWAY
	OUTLET AIRWAY
	EXTERNAL SIZE
	NOISE LEVEL @ 1 M (Free Field)

WIDTH (MM)	DEPTH (MM)	HEIGHT (MM)
275		1235
275		1235
1750	1050	1300
25	SPL dB(A) SOUND PRESSURE	

NOTES CONCERNING ENCLOSURE DESIGN



Environ acoustic designs are protected under patent

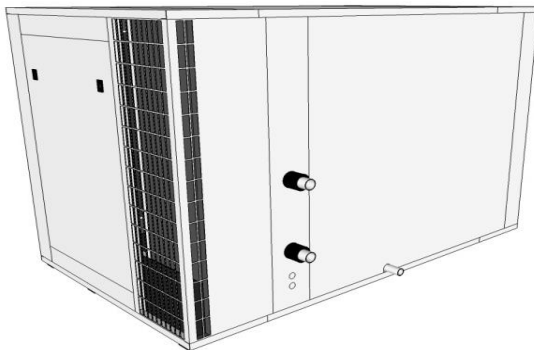
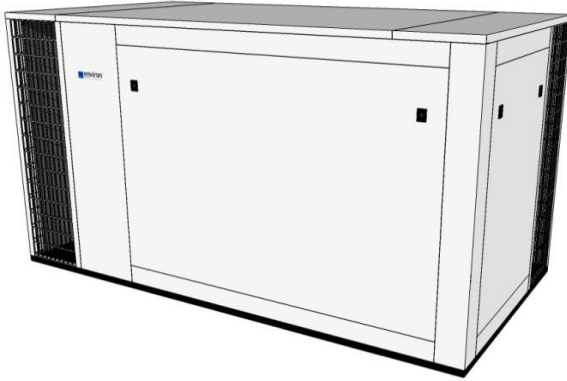
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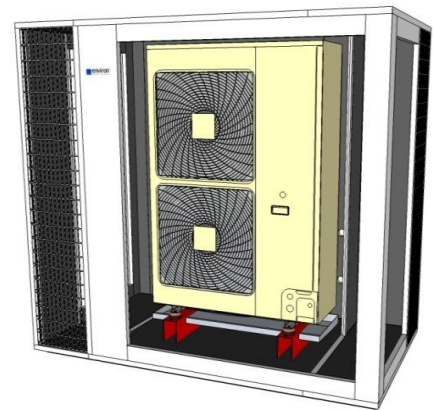
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System/Electrical/Condensate Services

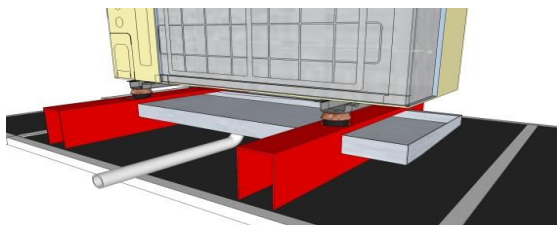
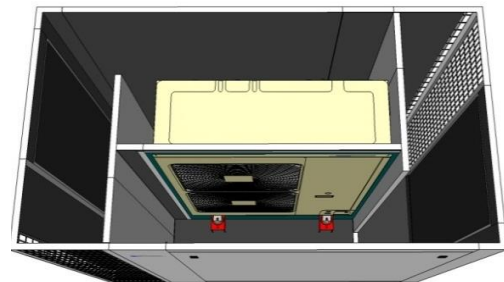
Exterior Colour

Any RAL/BS Colour



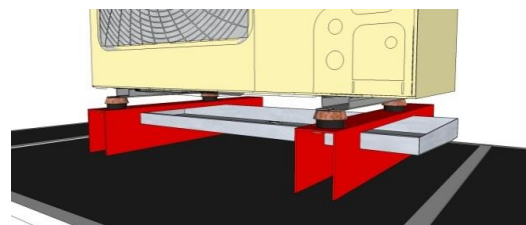
Service/Maintenance Access

Balanced Air Flow  
Internal Plenum Seals stop  
Air Recirculation



Condensate Drain Pan  
Drain Pan Heater Tape

Optional Extras



Anti Vibration Mounts

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