

SELECTION MATRIX

environlite

D1-T1-1500

21 February 2019

CUSTOMER:	SITE / LOCATION / REFERENCE
Atmospheres	24 Blomfield Road

ORIGINAL EQUIPMENT MANUFACTURERS PUBLISHED DATA					
MAKE, MODEL, DIMENSIONS, AIR FLOW & SOUND PRESSURE LEVEL @1.0M FREE FIELD					
MAKE:		MODEL:		AIR IN	AIR OUT
Daikin		RXYSCQ5		Rear & 1 Side	Front
WIDTH (MM)	DEPTH (MM)	HEIGHT (MM)	AIRFLOW (M ³ S ⁻¹)	SPL dB(A)	DISTANCE (M)
940	440	825	1.52	52	1

INNER CUBE DIMENSIONS		
1100	600	1435
WIDTH (MM)	DEPTH (MM)	HEIGHT (MM)
1.52	1.0	52
AIRFLOW (M ³ S ⁻¹)	DISTANCE (M)	SPL dB(A)

ENCLOSURE DETAIL		
1750	1200	1500
WIDTH (MM)	DEPTH (MM)	HEIGHT (MM)
1.52	1.0	27
AIRFLOW (M ³ S ⁻¹)	DISTANCE (M)	SPL dB(A)

INLET AIRWAYS		
1435	275	1
WIDTH (MM)	HEIGHT (MM)	NO.

DESIGN CRITERIA		
OK	OK	OK
UNIT SIZE	OUTLET	INLET

OUTLET AIRWAYS		
275	1435	1
WIDTH (MM)	HEIGHT (MM)	NO.

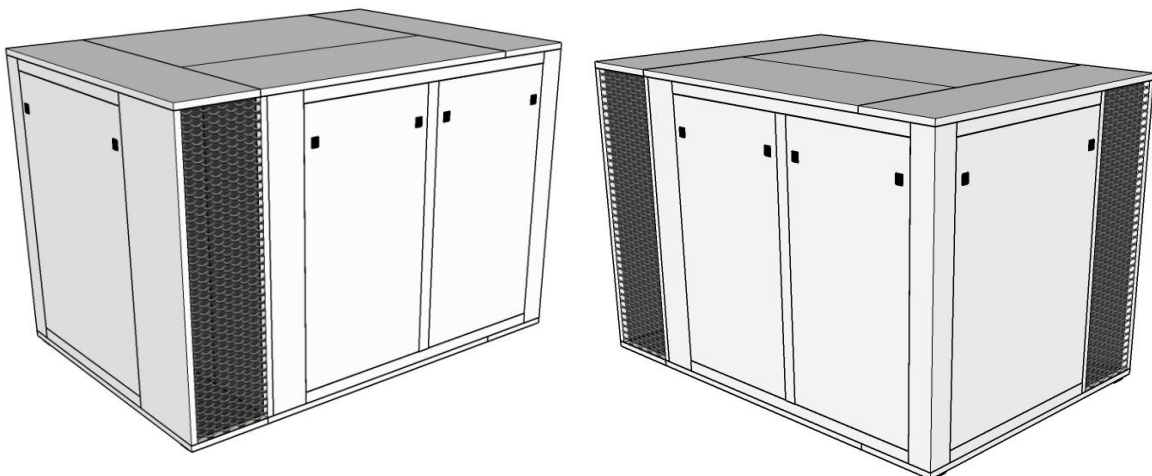
AIRFLOW INFORMATION		
18	3.9	3.9
PD (NM ²)	OUTLET (MS ⁻¹)	INLET (MS ⁻¹)

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

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

WIDTH (MM)	DEPTH (MM)	HEIGHT (MM)
275		1435
275		1435
1750	1200	1500
27	SPL dB(A) SOUND PRESSURE	

NOTES CONCERNING ENCLOSURE DESIGN



Environ acoustic designs are protected under patent

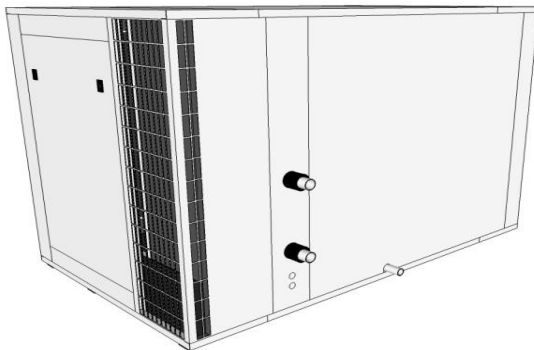
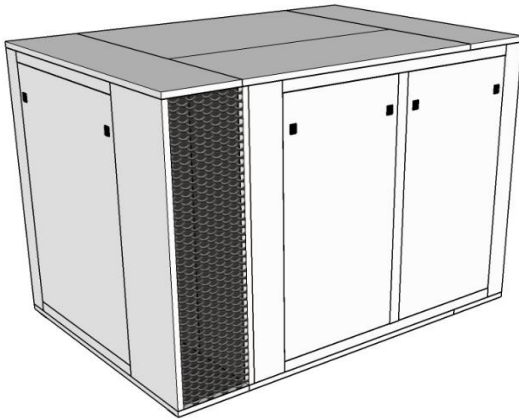
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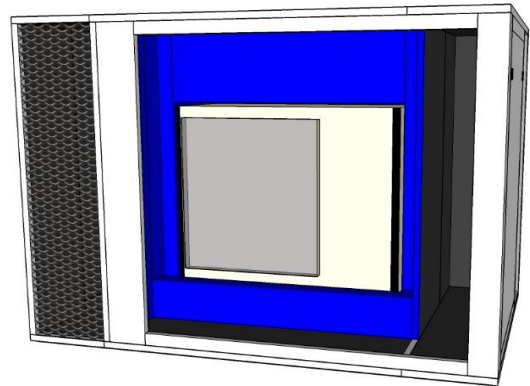
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System/Electrical/Condensate Services

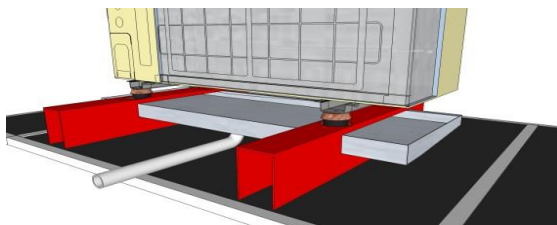
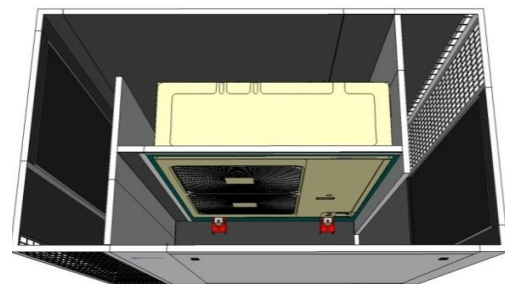
Exterior Colour

Any RAL/BS Colour

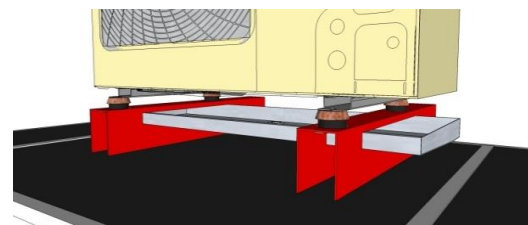


Service/Maintenance Access

Balanced Air Flow
Internal Plenum Seals stop
Air Recirculation



Condensate Drain Pan
Drain Pan Heater Tape



Anti Vibration Mounts

Optional Extras

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