

**SELECTION MATRIX**

**environlife T8-1700 P1**

**23 June 2016**

Acoustic enclosures for Split AC Unit Applications

<b>CUSTOMER:</b>	<b>SITE / LOCATION / REFERENCE</b>

ORIGINAL EQUIPMENT MANUFACTURERS PUBLISHED DATA					
MAKE, MODEL, DIMENSIONS, AIR FLOW & SOUND PRESSURE LEVEL @1.0M FREE FIELD					
MAKE:		MODEL:		AIR IN	AIR OUT
Daikin				Rear & 1 Side	Front
WIDTH (MM)	DEPTH (MM)	HEIGHT (MM)	AIRFLOW (M <sup>3</sup> S <sup>-1</sup> )	SPL dB(A)	DISTANCE (M)
900	320	1345	1.67	51	1

INNER CUBE DIMENSIONS		
1050	400	1635
WIDTH (MM)	DEPTH (MM)	HEIGHT (MM)
1.67	1.0	51
AIRFLOW (M <sup>3</sup> S <sup>-1</sup> )	DISTANCE (M)	SPL dB(A)

ENCLOSURE DETAIL		
1700	1000	1700
WIDTH (MM)	DEPTH (MM)	HEIGHT (MM)
1.67	1.0	25
AIRFLOW (M <sup>3</sup> S <sup>-1</sup> )	DISTANCE (M)	SPL dB(A)

INLET AIRWAYS		
1635	275	1
WIDTH (MM)	HEIGHT (MM)	NO.

DESIGN CRITERIA		
OK	OK	OK
UNIT SIZE	OUTLET	INLET

OUTLET AIRWAYS		
275	1635	1
WIDTH (MM)	HEIGHT (MM)	NO.

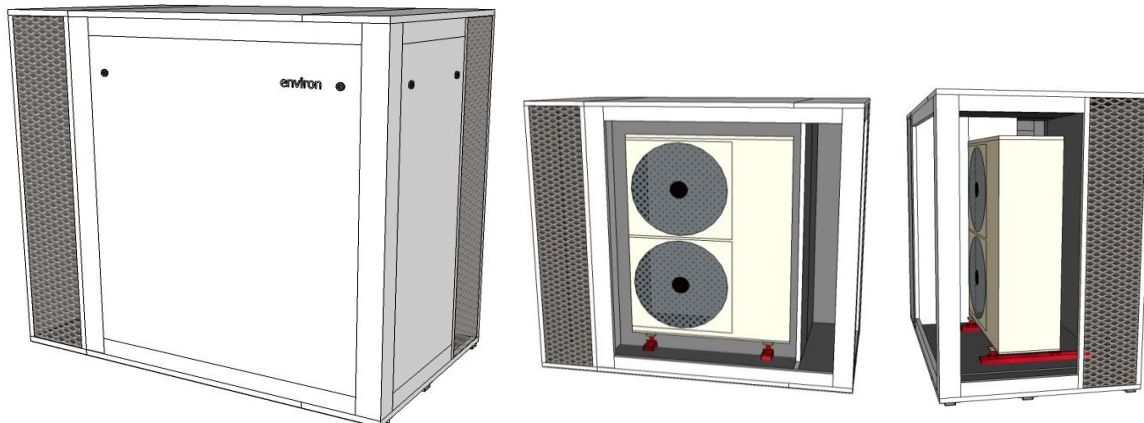
AIRFLOW INFORMATION		
16	3.7	3.7
PD (NM <sup>-2</sup> )	OUTLET (MS <sup>-1</sup> )	INLET (MS <sup>-1</sup> )

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		1635
275		1635
1700	1000	1700
25	SPL dB(A) SOUND PRESSURE	

**NOTES CONCERNING ENCLOSURE DESIGN**



*Environ acoustic designs are protected under patent*

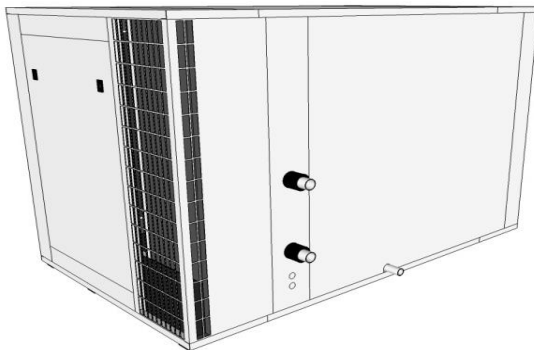
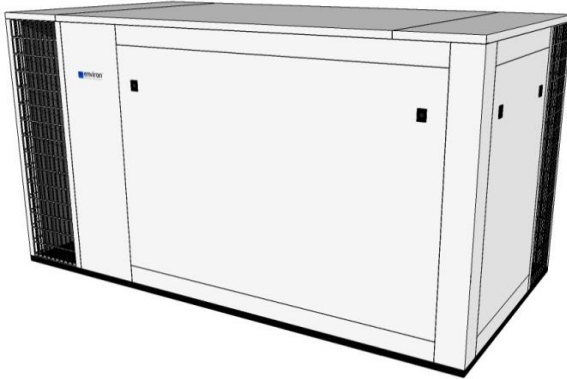
*The information contained in this Selection Matrix is Confidential and shall not be disclosed or used for any unauthorised purposes*

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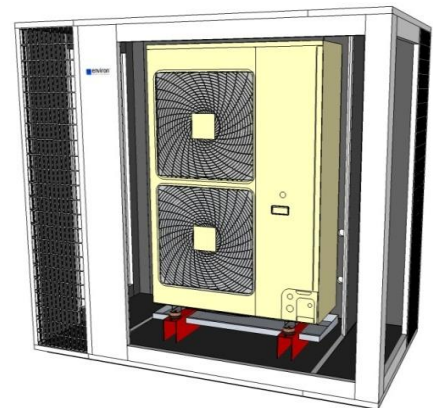
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System/Electrical/Condensate Services

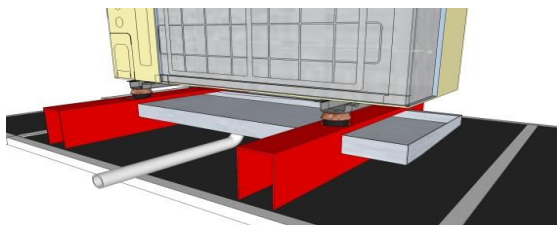
Exterior Colour

Any RAL/BS Colour



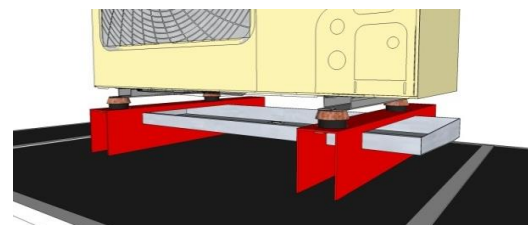
Service/Maintenance Access

Balanced Air Flow  
Internal Plenum Seals stop  
Air Recirculation



Condensate Drain Pan  
Drain Pan Heater Tape

Optional Extras



Anti Vibration Mounts