

SELECTION MATRIX

# environlite T3-1850 SP

23 August 2018

Acoustic enclosures for Split AC/ASHP Unit 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
Fujitsu		AJY108LELAH		Rear & 1 Side	Front
WIDTH (MM)	DEPTH (MM)	HEIGHT (MM)	AIRFLOW (M <sup>2</sup> S <sup>-1</sup> )	SPL dB(A)	DISTANCE (M)
1080	480	1428	3.00	61	1

INNER CUBE DIMENSIONS		
1250	550	1685
WIDTH (MM)	DEPTH (MM)	HEIGHT (MM)
3.00	1.0	61
AIRFLOW (M <sup>2</sup> S <sup>-1</sup> )	DISTANCE (M)	SPL dB(A)

ENCLOSURE DETAIL		
2050	1300	1750
WIDTH (MM)	DEPTH (MM)	HEIGHT (MM)
3.00	1.0	-25
AIRFLOW (M <sup>2</sup> S <sup>-1</sup> )	DISTANCE (M)	SPL dB(A)

INLET AIRWAYS		
1785	350	1
WIDTH (MM)	HEIGHT (MM)	NO.

DESIGN CRITERIA		
OK	OK	OK
UNIT SIZE	OUTLET	INLET

OUTLET AIRWAYS		
350	1785	1
WIDTH (MM)	HEIGHT (MM)	NO.

AIRFLOW INFORMATION		
27	4.8	4.8
PD (NM <sup>-2</sup> )	OUTLET (MS <sup>-1</sup> )	INLET (MS <sup>-1</sup> )

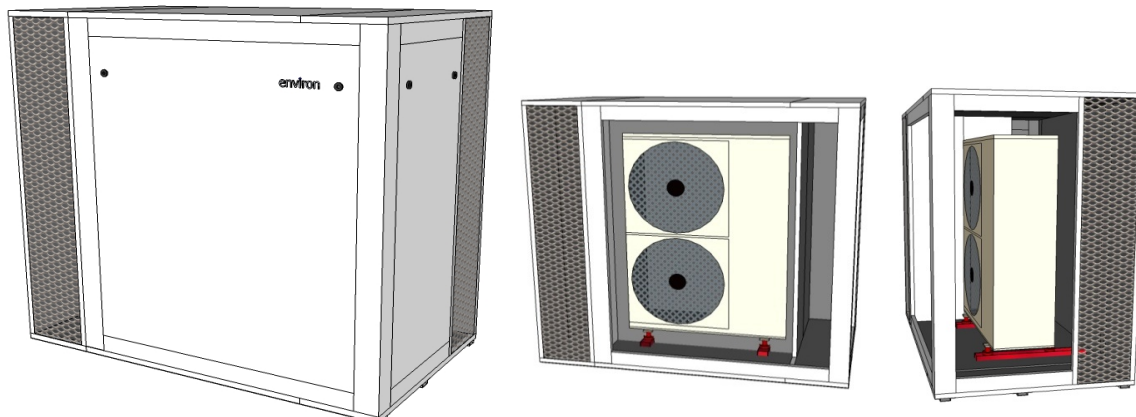
Select Inlet & Outlet Airway Sizes to Ensure Airflows are kept Below 6.0m/s

ENCLOSURE INFORMATION		
INLET AIRWAY		
OUTLET AIRWAY		
INDICATIVE EXTERNAL SIZE		
INDICATIVE SOUND LEVEL RANGE @ 1.0m (Free Field)		

WIDTH (MM)	DEPTH (MM)	HEIGHT (MM)
350		1785
350		1785
2000	1300	1850
-25	SPL dB(A) SOUND PRESSURE	

NOTES CONCERNING ENCLOSURE DESIGN

Enclosure weight 150kg approx  
 Static Pressure <20 Pascals  
 Estimated Airflow



**SELECTION MATRIX**

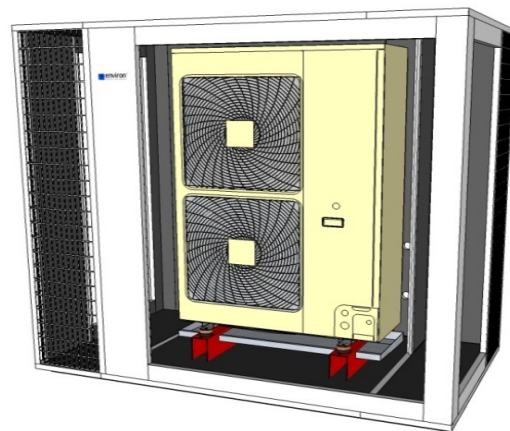
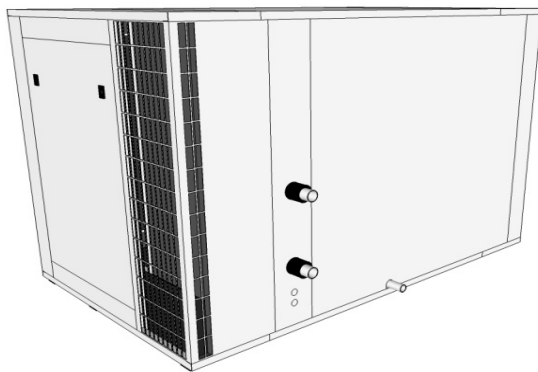
# environlite T3-1750

Acoustic enclosures for Split AC/ASHP Unit Applications

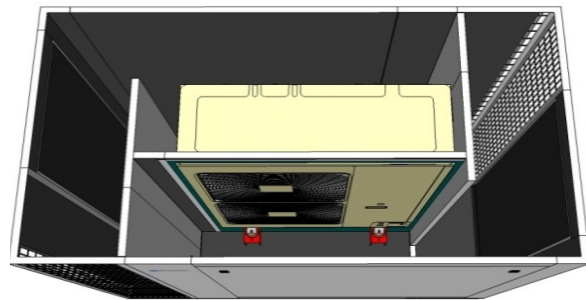
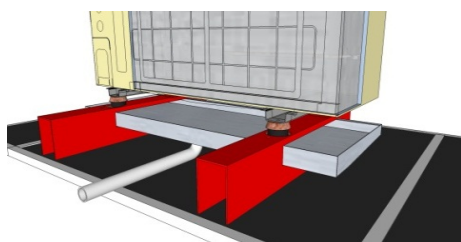
Thursday, 23 August 18

**Exterior Colour**

Any RAL/BS Colour

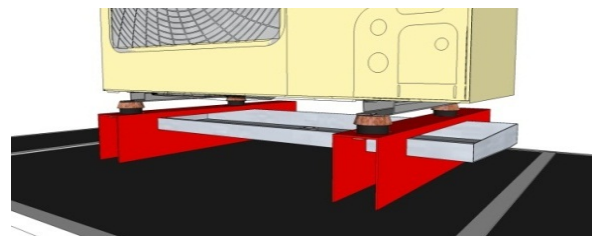


System/Electrical/Condensate Services



Optional Extras

Condensate Drain Pan



Anti Vibration Mounts