Jordon
The Jordon Group

SELECTION MATRIX

environModula EMH1.1.25CU

Acoustic enclosures for Small Refrigeration Units with Low to Medium Air Flow

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
J&E Hall	JEHS-0250 M3	Rear & 1 Side	Front

WIDTH (MM)	DEPTH (MM)	HEIGHT (MM)	AIRFLOW (M^3S^{-1})	SPL dB(A)	DISTANCE (M)
1108	478	649	0.72	51	1

INNER CUBE DIMENSIONS		
1350	700	735
WIDTH (MM)	DEPTH (MM)	HEIGHT (MM)
0.72	1.0	51
AIRFLOW (M^3S^{-1})	DISTANCE (M)	SPL dB(A)

ENCLOSURE DETAIL		
1400	1100	1200
WIDTH (MM)	DEPTH (MM)	HEIGHT (MM)
0.72	1.0	26-31
AIRFLOW (M^3S^{-1})	DISTANCE (M)	SPL dB(A) Range

INLET AIRWAYS		
1350	175	1
WIDTH (MM)	HEIGHT (MM)	NO.

DESIGN CRITERIA		
OK	OK	OK
UNIT SIZE	OUTLET	INLET

OUTLET AIRWAYS		
175	1350	1
WIDTH (MM)	HEIGHT (MM)	NO.

AIRFLOW INFORMATION		
11	3.0	3.0
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	WIDTH (MM)	DEPTH (MM)	HEIGHT (MM)
INLET AIRWAY	175		1350
OUTLET AIRWAY	175		1350
EXTERNAL SIZE	1400	1100	1200
SOUND LEVEL RANGE @ 1.0m (FREE FIELD)	26-31	SPL dB(A) Free Field	

NOTES CONCERNING ENCLOSURE DESIGN





