

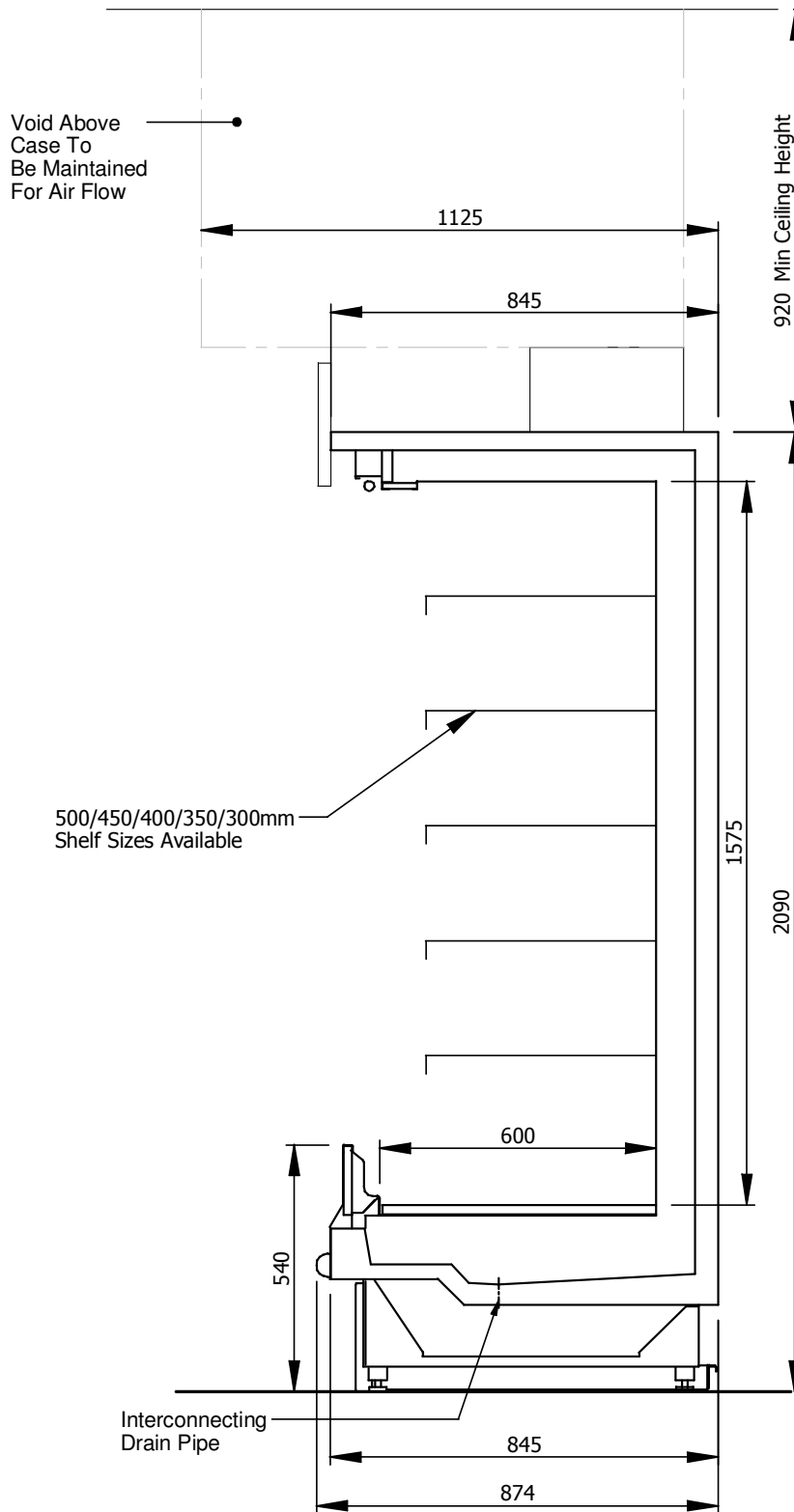
<b>Cabinet Type</b>	<b>Multideck Full Height</b>			
<b>Model Designation</b>	<b>PA6</b>			
<b>File Reference</b>	1226			
<b>Document Issue</b>	1	10-10-12	LRC	Original Issue
	2	19-02-13	GR	Shelf Detail Added
	3	21-03-13	LRC	Updated Electrical supply requirement

cabinet **TECHNICAL DATA**

## Cabinet Technical Data Sheet – PA6

Product Type	Meat 3M0					
Product Temperature	-1 /+4 °C					
Maximum Design Ambient	25°C @ 60% RH					
<b>Case Length [m]</b>	<b>2.50</b>	<b>1.87</b>	<b>1.25</b>			
<b>Refrigeration Data</b>						
Nett Environmental Cooling Effect	0.78	0.96	0.39			
Refrigerant Charge Per System R1270	630g	850g	630g			
<b>Electrical Data (@ 230V 50Hz)</b>						
	Watts	Amps	Watts	Amps	Watts	Amps
Fans (EC EBM)	60	0.26	40	0.17	30	0.13
Controller	10	0.04	10	0.04	10	0.04
Lights	44	0.19	32	0.14	22	0.09
Condensing unit	1226	5.3	790	3.4	613	2.7
Maximum Load – Off Cycle Defrost	1340	5.79	872	3.75	675	2.96
<b>Engineering Data - Common</b>						
Total Heat Rejection THR [KW]	5.04	3.64	2.52			
Plate Heat Exchanger [Kpa] each	1 @ 7.5	1 @ 1.31	1 @ 1.31			
Water inlet temperature	18°C					
Water outlet temperature	24°C					
Drain Outlet	32mm Plastic					
Chilled Water Connections	22mm					
Condensate Volume (3M0 +4 <sup>0</sup> )	44ltrs (Per Linear Metre Per 24hrs)					
Condensate Volume (3M1 +5 <sup>0</sup> )	23ltrs (Per Linear Metre Per 24hrs)					
<b>Engineering Data</b>						
THR (Water only) [KW]	4.25	3.25	2.12			
THR (Air only) [KW]	0.8	0.40	0.40			
Glycol Flow Rate [Kg/S]***	0.1839	0.1407	0.0920			
Water Flow Rate [Kg/S]****	0.1692	0.1295	0.0846			
Electrical Power supply Requirement	16A Commando Socket	16A Commando Socket	16A Commando Socket			
<b>Set-Up Data** O/C Defrost</b>	<b>2.50m</b>	<b>1.87m &amp; 1.25m</b>				
Cut in Temperature [°C]	3	3				
Differential [K]	2	2				
Anti Cycle Time (Seconds)	180	180				
Lag Comp Delay (Seconds)	180	0				
Cabinet Temperature Ratio (%)	40	40				
N° Defrosts (per 24hrs)	8	8				
Maximum Defrost Time [mins]	45	45				
Defrost Termination Temp (air off ) [°C]	8	8				
Drain Down Time [mins]	1	1				
Fans in Defrost	On	On				
Integral Control	Basic	Basic				
<i>NOTES!</i>						
* 12/12 Trading Conditions						
** Set-up data is for guidance only. Final settings to be determined by commissioning contractor.						
*** Flow rate for Glycol based on 30% @ 20°C from ASHRAE = 3.848 KJ/(KG-K)						
**** Flow rate for water @ 20°C ( <a href="http://www.engineeringtoolbox.com/water-thermal-properties-d_162.html">http://www.engineeringtoolbox.com/water-thermal-properties-d_162.html</a> )						

## Section Drawing – PA6

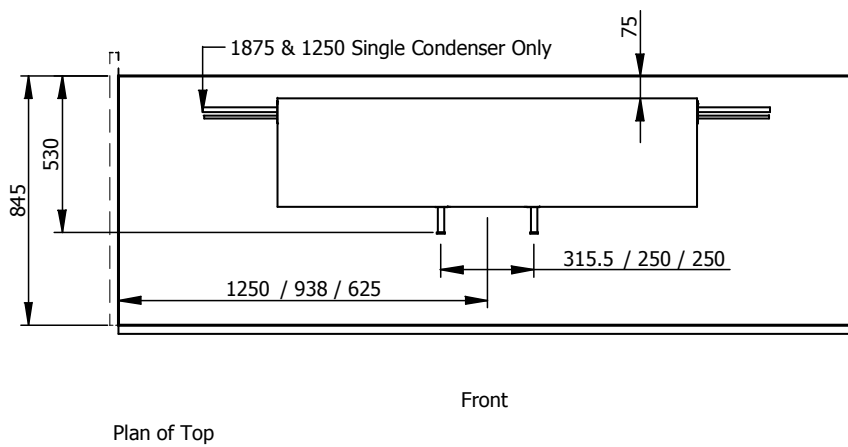
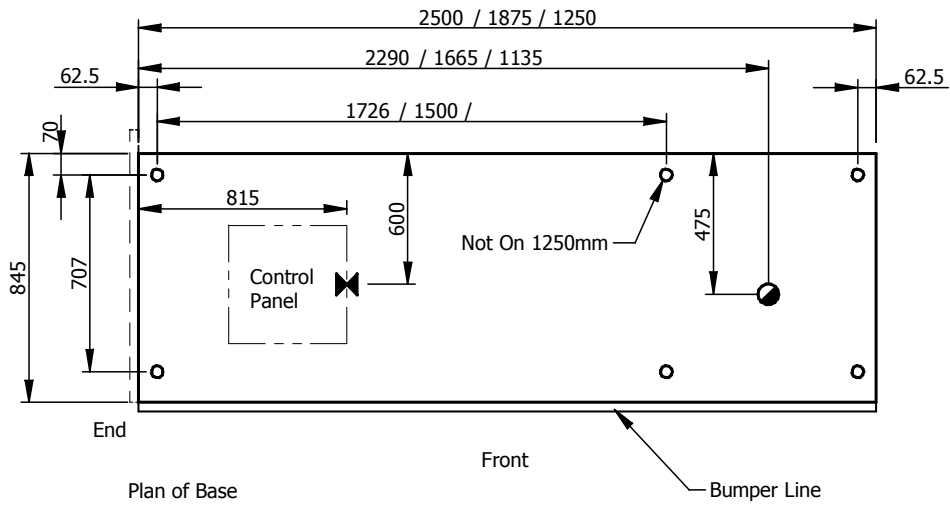


Ref:- DS1226

## Plan Drawing – PA6

KEY

- Feet Positions
- Refrig. Outlets
- ⊗ Refrig. Pipe Tails
- ⊙ Drain Outlets
- ⊕ Mains Supply



Ref DP1140-2