

<b>Cabinet Type</b>	<b>Multideck Full Height</b>			
<b>Model Designation</b>	<b>IDD</b>			
<b>File Reference</b>	1248			
<b>Document Issue</b>	1	12.09.13	GR	Original Issue
	2	09-12-13	LRC	Added Nett Environmental Cooling Effect

cabinet **TECHNICAL DATA**

## Cabinet Technical Data Sheet – IDD

Product Type	Meat 3M0*** / Dairy 3M1 / F & V
Product Temperature	-1 /+4 °C / -1 /+5 °C / -1/+5°C
Maximum Design Ambient	25°C @ 60%RH

<b>Case Length [m]</b>	<b>3.75</b>	<b>2.50</b>	<b>1.87/(WAE)</b>	<b>1.25</b>
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### Refrigeration Data

Refrigeration Duty (per 24hrs) [kW] ISO3	5.78	3.85	2.89	1.93
Refrigeration Duty (per 24hrs) [kW] ISO0	4.62	3.08	2.31	1.54
Evaporating Temperature [°C] R407F	-6	-6	-6	-6
Nett Environment Cooling Effect [kW]	5.07	3.38	2.59	1.68
R407F T2 Orifice Size	4	3	2	1
Evaporator Liquid Capacity @ 25% R404A* [kg]	6.0	3.9	2.9	1.8
Refrigeration Pipe Tail– Liquid R407F	3/8"	3/8"	3/8"	3/8"
Refrigeration Pipe Tail – Suction R407F	7/8"	7/8"	7/8"	7/8"

### Electrical Data (@ 230V 50Hz)

	Watts	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts	Amps
Fans (EC EBM)	42	0.18	28	0.12	21	0.09	14	0.06		
Solenoid Valve / Controller	10	0.04	10	0.04	10	0.04	10	0.04		
Lights	80	0.35	53	0.23	40.5	0.18	26.5	0.12		
Maximum Load – Off Cycle Defrost	132	0.57	91	0.39	71.5	0.31	50.5	0.22		

### Miscellaneous Data

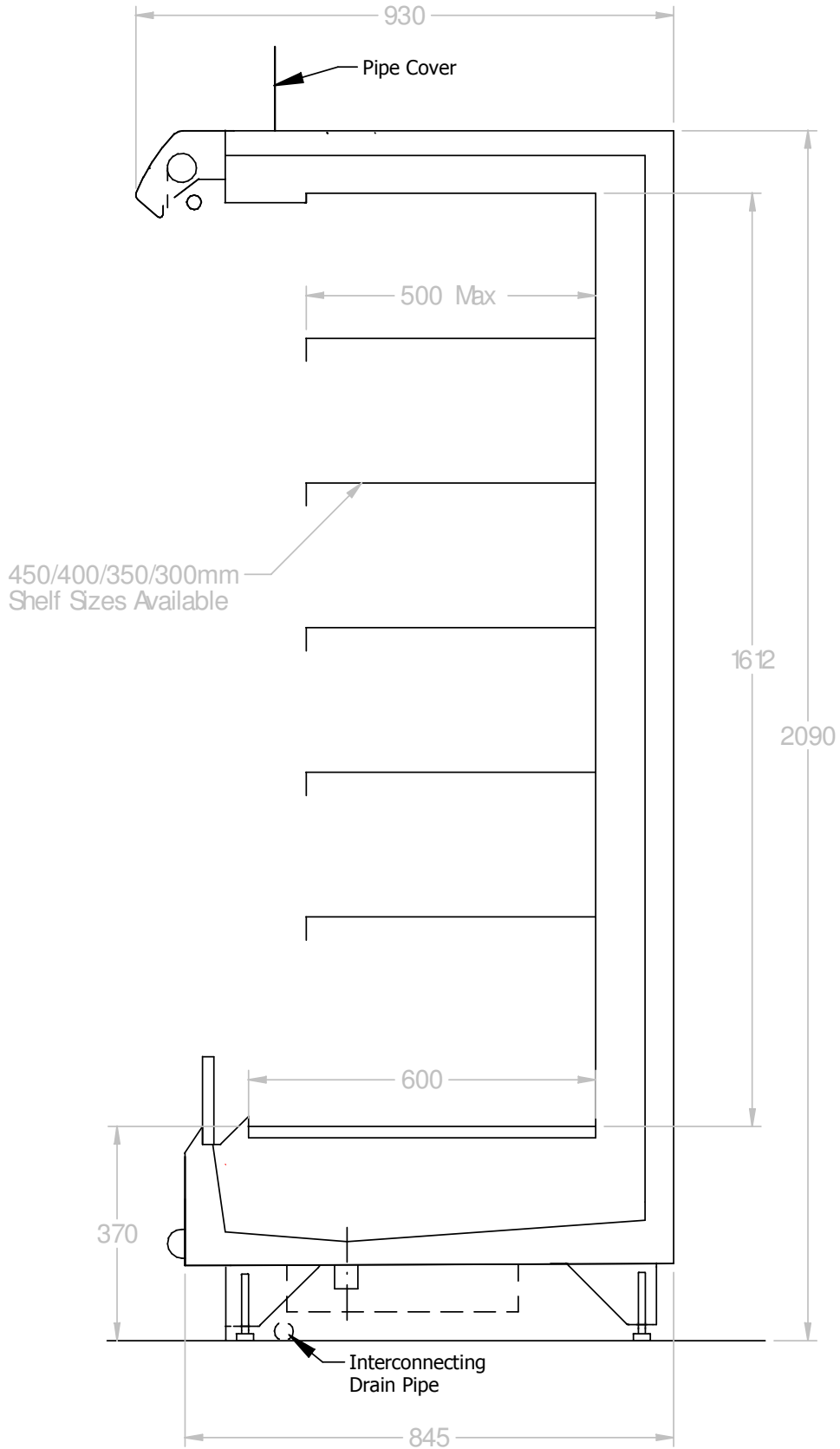
Refrigeration Connections	Top of Cabinet LHS
Electrical Connection	Underside of Cabinet LHS

### Set-Up Data\*\* O/C Defrost

	Meat	Dairy	F & V
Cut in Temperature [°C]	-1	1	2
Differential [K]	1	1	1
N° Defrosts (per 24hrs)	6	6	6
Maximum Defrost Time [mins]	45	45	45
Defrost Termination Temp (air off ) [°C]	6	6	6
Drain Down Time [mins]	0	0	0
Fans in Defrost	On	On	On
Cabinet Temperature Ratio (%)	50	50	50
Application	2	2	2

NOTES! \* for R22 multiply by factor X 0.90  
 \*\* Set-up data is for guidance only. Final settings to be determined by commissioning contractor.  
 \*\*\* M0 proposed En temperature class for fresh meat -1/4°C

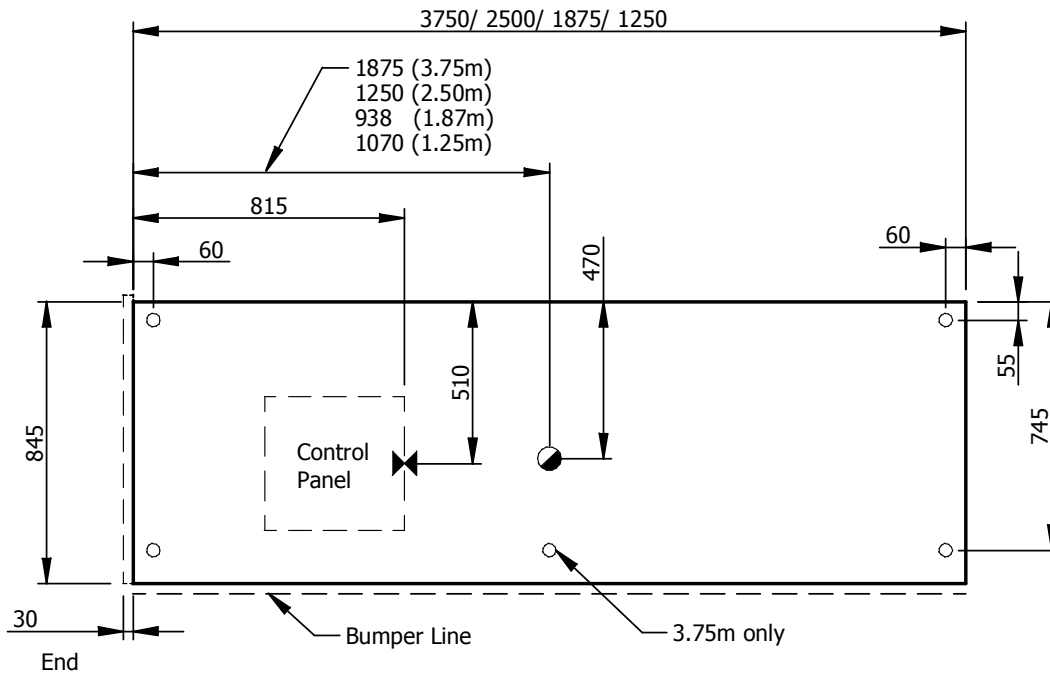
**Section Drawing – IDD**



Ref:- DS1080-1

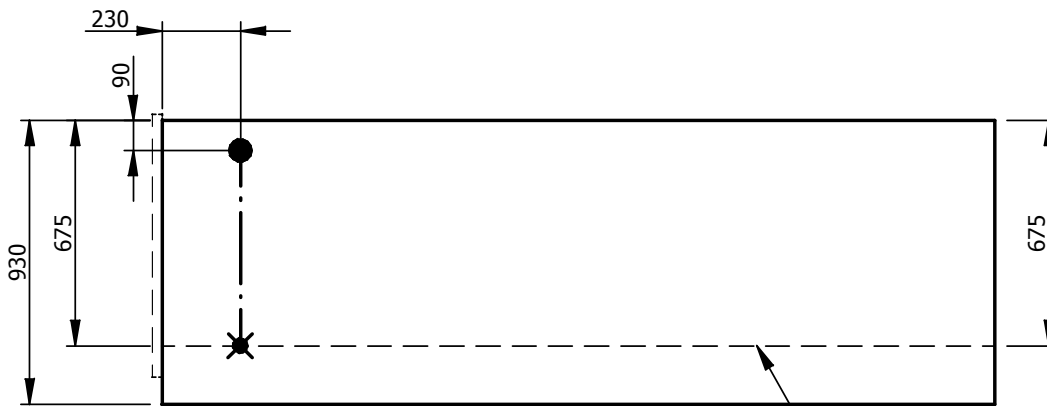
## Plan Drawing – IDD

- KEY
- Feet Positions
  - Refrig. Outlets
  - ✕ Refrig Pipe Tails
  - ◐ Drain Outlets
  - ✕ Mains Supply



Front

Plan of Base



Front

Plan of Top