

<b>Cabinet Type</b>	<b>Multideck Full Height</b>			
<b>Model Designation</b>	<b>IG2</b>			
<b>File Reference</b>	1249			
<b>Document Issue</b>	1	12.09.13	GR	Original Issue

cabinet **TECHNICAL DATA**

## Cabinet Technical Data Sheet – IG2

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	1.87	1.24	0.93	0.77
Refrigeration Duty (per 24hrs) [kW] ISO0	1.49	0.99	0.74	0.50
Evaporating Temperature [°C] R407F	-5	-5	-5	-5
R407F T2 Orifice Size	1	1	00	00
Evaporator Liquid Capacity @ 25% R404A* [kg]	4	2.6	1.9	1.3
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 (Canopy)	80	0.35	53	0.23	40.5	0.18	26.5	0.12		
Lights (Frame)	110	0.48	75	0.33	75	0.33	40	0.18		
Maximum Load – Off Cycle Defrost	242	1.05	166	0.72	146.5	0.64	90.5	0.4		

### Miscellaneous Data

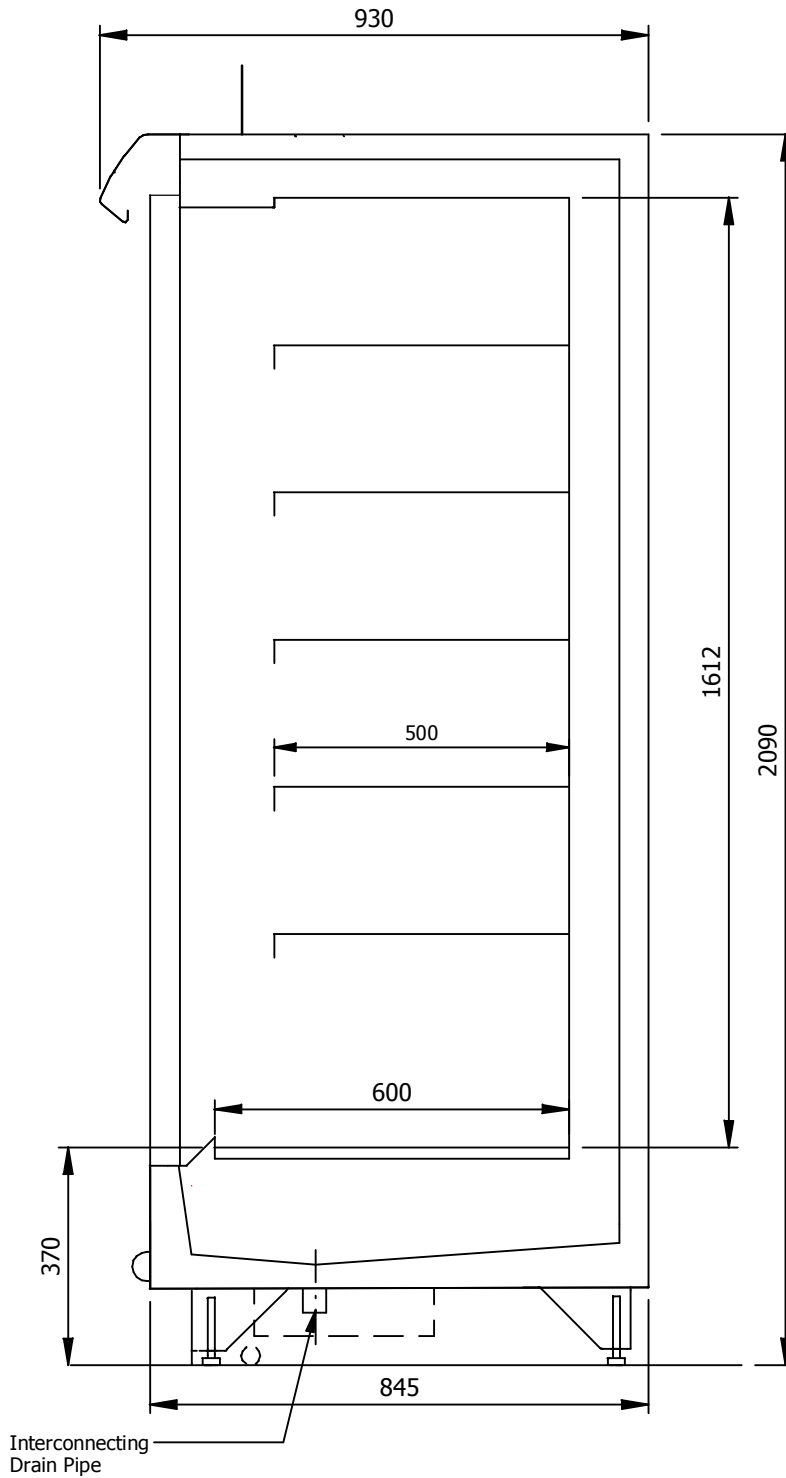
Refrigeration Connections	Top of Cabinet LHS
Electrical Connection	Underside of Cabinet LHS

### 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

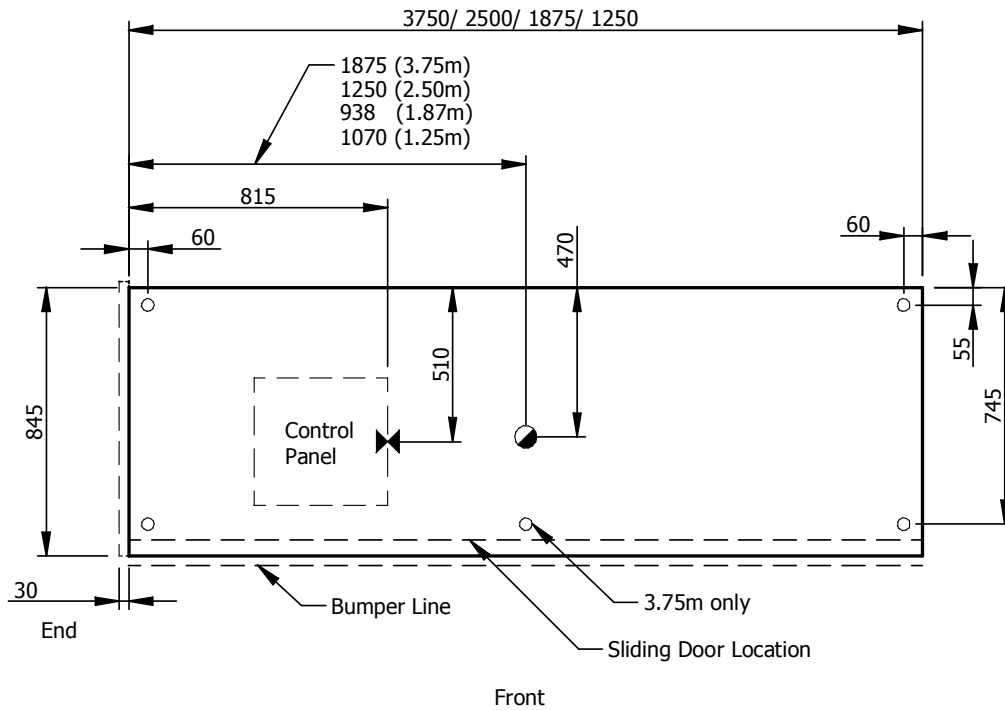
**Section Drawing – IG2**



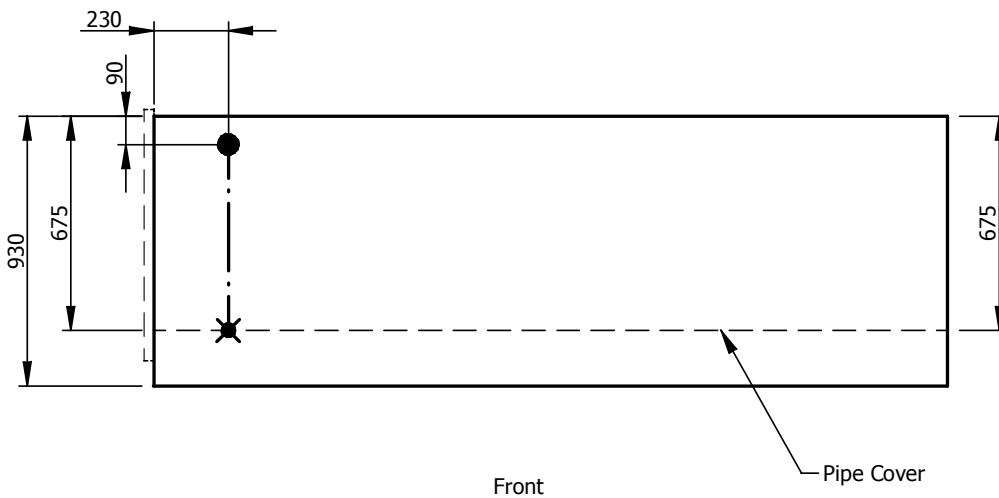
Ref:- DS1162

**Plan Drawing – IG2**

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



Plan of Base



Plan of Top

Ref DP1162