



RETAIL EQUIPMENT LTD

Cabinet Type	Multideck Full Height			
Model Designation	IB2			
File Reference	1082			
Document Issue	1	16.07.08	AG	First Issue

cabinet **TECHNICAL DATA**

Cabinet Technical Data Sheet – IB2

Product Type	Cooled 3H1 / (Chilled 3M1)
Product Temperature	+1 /+10 °C / (-1 /+5 °C)
Maximum Design Ambient	25°C @ 60%RH

Case Length [m]	3.75	2.50	1.87	1.25
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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]	-6	-6	-6	-6
Nett Environment Cooling Effect [kW]	5.42	3.61	2.76	1.80
R407A T2 Orifice Size	4	3	2	1
R404A T2 Orifice Size	4	3	3	2
Evaporator Liquid Capacity @ 25% R404A* [kg]	6.0	3.9	2.9	1.8
Refrigeration Pipe Tail – Liquid	3/8"	3/8"	3/8"	3/8"
Refrigeration Pipe Tail – Suction	7/8"	7/8"	7/8"	7/8"

Electrical Data (@ 230V 50Hz)

	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	300	1.30	200	0.87	100	0.43	100	0.43
Maximum Load – Off Cycle Defrost	352	1.52	238	1.03	131	0.56	124	0.53

Miscellaneous Data

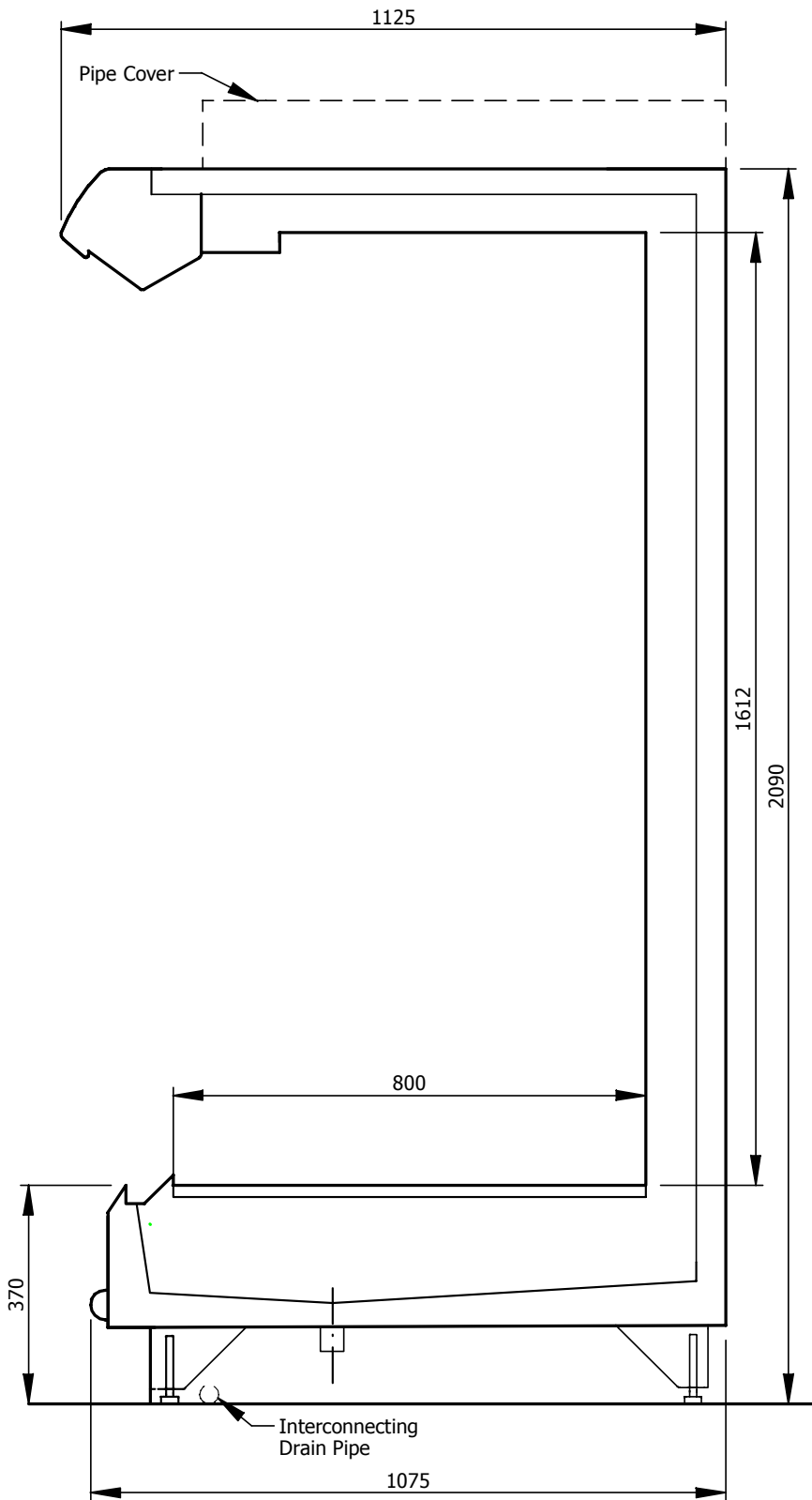
Refrigeration Connections	Top of Cabinet LHS
Electrical Connection	Underside of Cabinet LHS

Set-Up Data** O/C Defrost

	Cooled (+1/ +10)	Chilled (-1/+5)
Cut in Temperature [°C]	7	3
Differential [K]	0.5	1
N° Defrosts (per 24hrs)	6	8
Maximum Defrost Time [mins]	45	45
Defrost Termination Temp (air off) [°C]	10	8
Drain Down Time [mins]	1.5	1
Fans in Defrost	On	On
Cabinet Temperature Ratio (%)	50	50
Superheat [K]	5	5

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

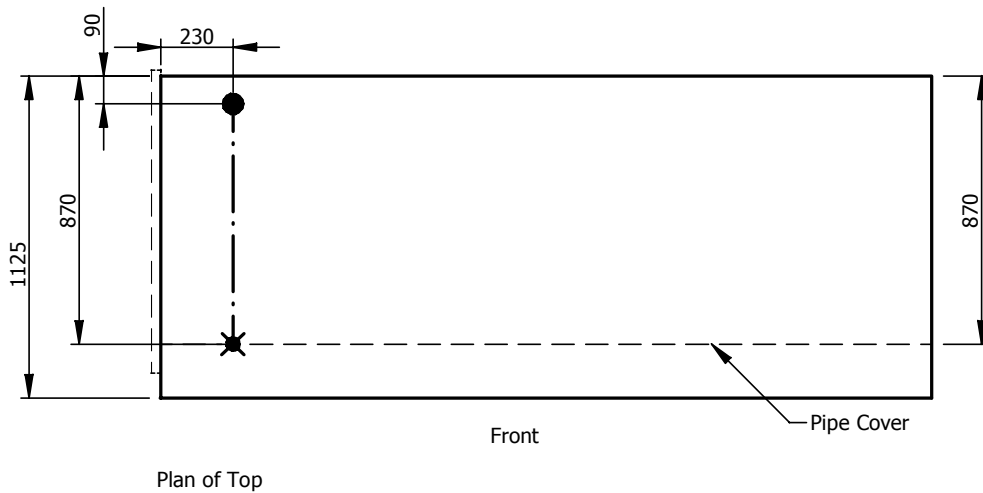
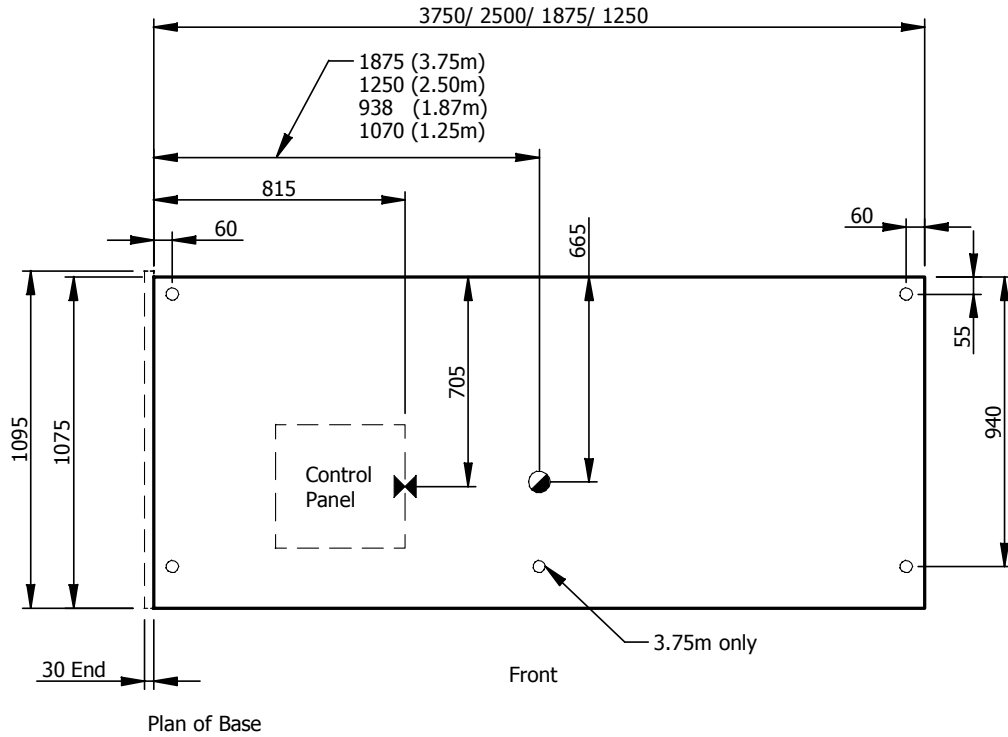
Section Drawing – IB2



Ref:- DS1082-1

Plan Drawing – IB2

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



Ref DP1082-1