



RETAIL EQUIPMENT LTD

Cabinet Type	Multideck Full Height			
Model Designation	IDC			
File Reference	1246			
Document Issue	1	29-08-13	LRC	First Issue

cabinet **TECHNICAL DATA**

Cabinet Technical Data Sheet – IDC

Product Type	Meat 3M0
Product Temperature	-1 /+4 °C
Maximum Design Ambient	25°C @ 60%RH

Case Length [m]	3.75	2.50	1.87	2.18
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Refrigeration Data

Refrigeration Duty (per 24hrs) [kW] ISO3	5.78	3.85	2.89	3.35
Refrigeration Duty (per 24hrs) [kW] ISO0	4.62	3.08	2.31	2.68
Evaporating Temperature [°C]	-6	-6	-6	-6
Nett Environment Cooling Effect [kW]	3.54	2.36	1.78	2.07
Flow Rate kg/s	0.2543	0.1694	0.1272	0.1694
Commissioning Valve	445000H	445000S	445000S	445000S
Pressure Drop Through Cabinet kpa	65.22	29.77	15.00	22.37
Evaporator Liquid Capacity 100% DTX @ 27% L	11.8	7.6	5.4	6.62
Refrigeration Pipe Tail – Inlet	22mm	22mm	22mm	22mm
Refrigeration Pipe Tail – Outlet	22mm	22mm	22mm	22mm

Electrical Data (@ 230V 50Hz)

	Watts	Amps	Watts	Amps	Watts	Amps	Watts	Amps
Fans (EC EBM)	42	0.18	28	0.12	21	0.09	21	0.09
Solenoid Valve / Controller	10	0.04	10	0.04	10	0.04	10	0.04
Lights	66	0.24	44	0.19	32	0.14	38	0.16
Maximum Load – Off Cycle Defrost	118	0.46	82	0.35	63	0.27	46	0.29

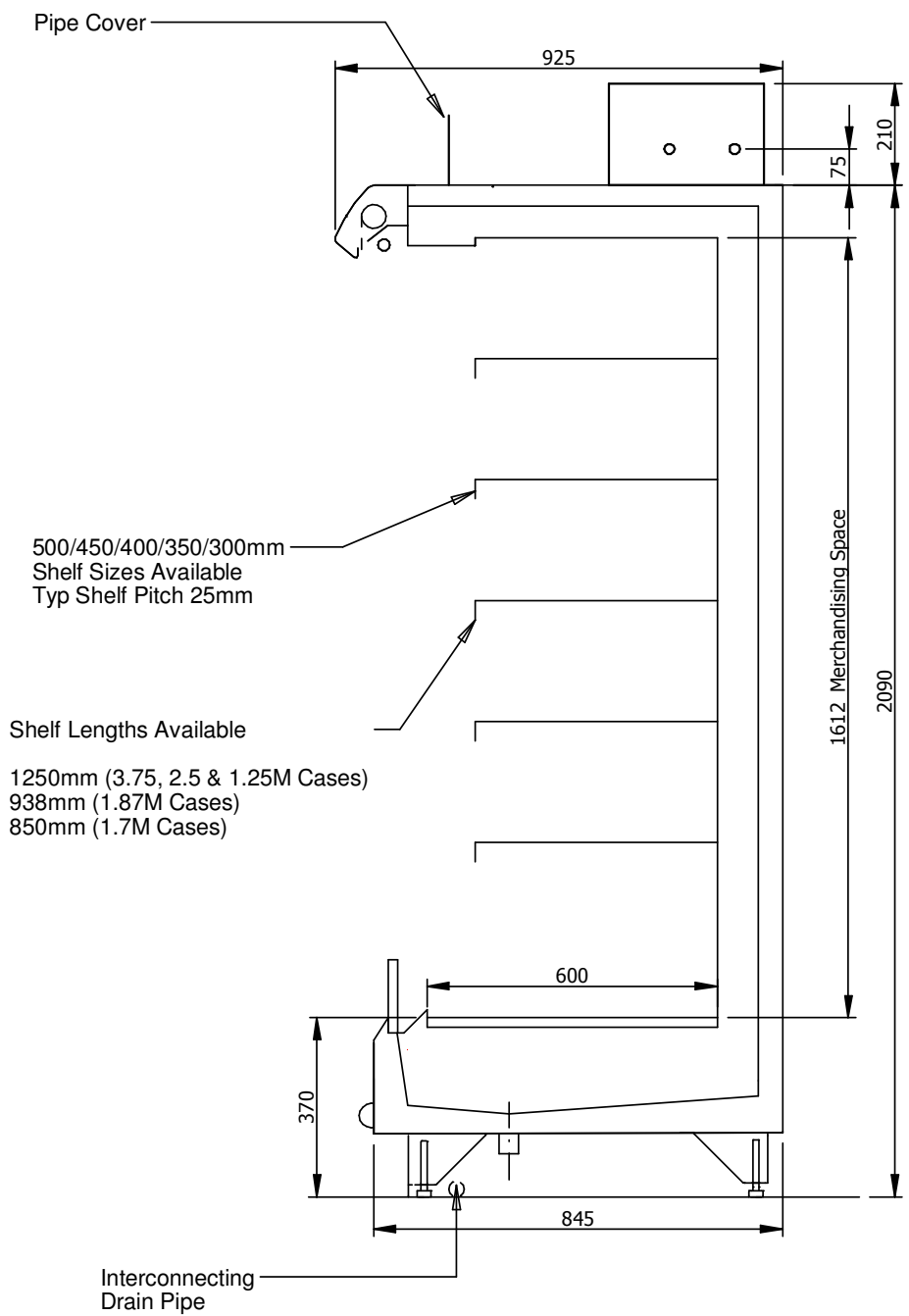
Miscellaneous Data

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

Set-Up Data** O/C Defrost

	Meat
Cut in Temperature [°C]	3
Differential [K]	2
N° Defrosts (per 24hrs)	8
Maximum Defrost Time [mins]	45
Defrost Termination Temp (air off) [°C]	8
Drain Down Time [mins]	1
Fans in Defrost	On
Cabinet Temperature Ratio (%)	40
Coil TD [K]	
Control Method	Basic

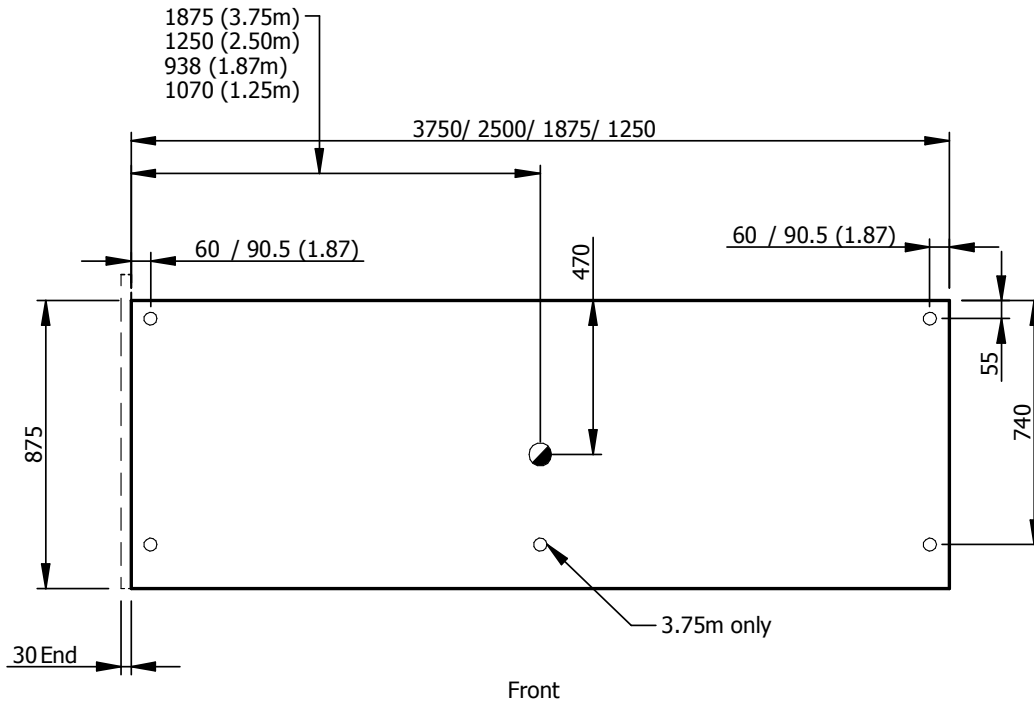
Section Drawing – IDC



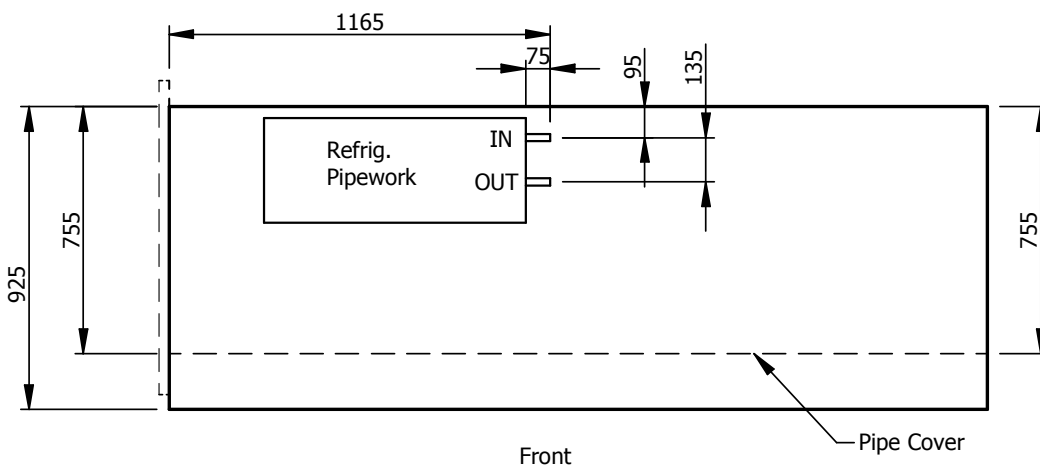
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Plan Drawing –IDC

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



Plan of Base

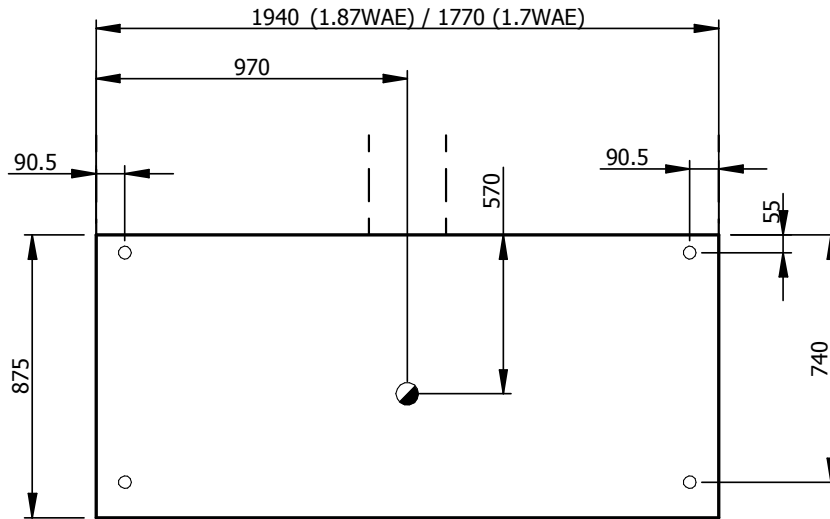


Plan of Top

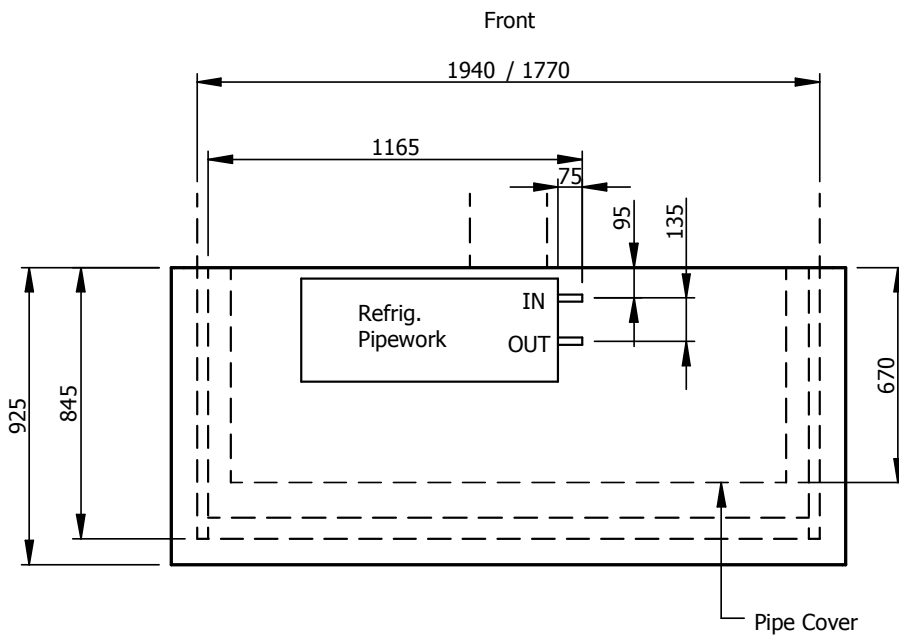
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Plan Drawing –IDC

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



Plan of Base



Plan of Top

Front

Ref:- DW1246-01