



RETAIL EQUIPMENT LTD

Cabinet Type	Multideck Full Height			
Model Designation	IBF			
File Reference	1264			
Document Issue	1	25-09-14	LRC	First Issue

cabinet **TECHNICAL DATA**

Cabinet Technical Data Sheet – IBF

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

Case Length [m]	3.75	2.50	1.87	2.18	1.25
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Refrigeration Data

Refrigeration Duty (per 24hrs) [kW] ISO3	5.78	3.85	2.89	3.35	1.93
Refrigeration Duty (per 24hrs) [kW] ISO0	4.62	3.08	2.31	2.68	1.54
Evaporating Temperature [°C]	-6	-6	-6	-6	-6
Nett Environment Cooling Effect [kW]	3.54	2.36	1.78	2.07	1.18
Flow Rate kg/s	0.2543	0.1694	0.1272	0.1694	0.0847
Pressure Drop Through Cabinet kpa	65.22	29.77	15.00	22.37	14.89
Evaporator Liquid Capacity 100% DTX @ 27% L	14.7	9.5	6.9	8.2	4.9
Refrigeration Pipe Tail – Inlet	22mm	22mm	22mm	22mm	22mm
Refrigeration Pipe Tail – Outlet	22mm	22mm	22mm	22mm	22mm

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	21	0.09	14	0.06
Solenoid Valve / Controller	10	0.04	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	22	0.10
Maximum Load – Off Cycle Defrost	118	0.46	82	0.35	63	0.27	69	0.29	46	0.2

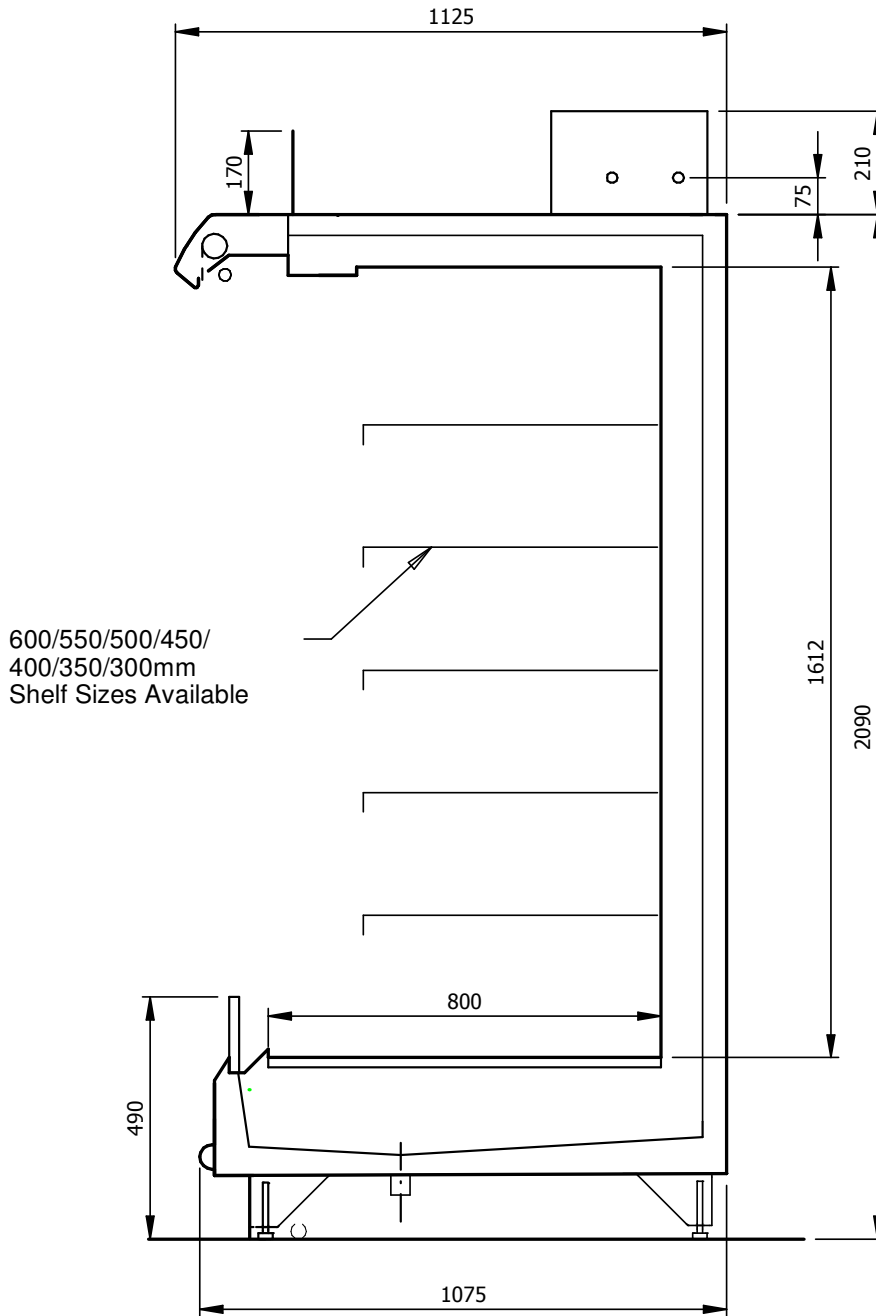
Miscellaneous Data

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

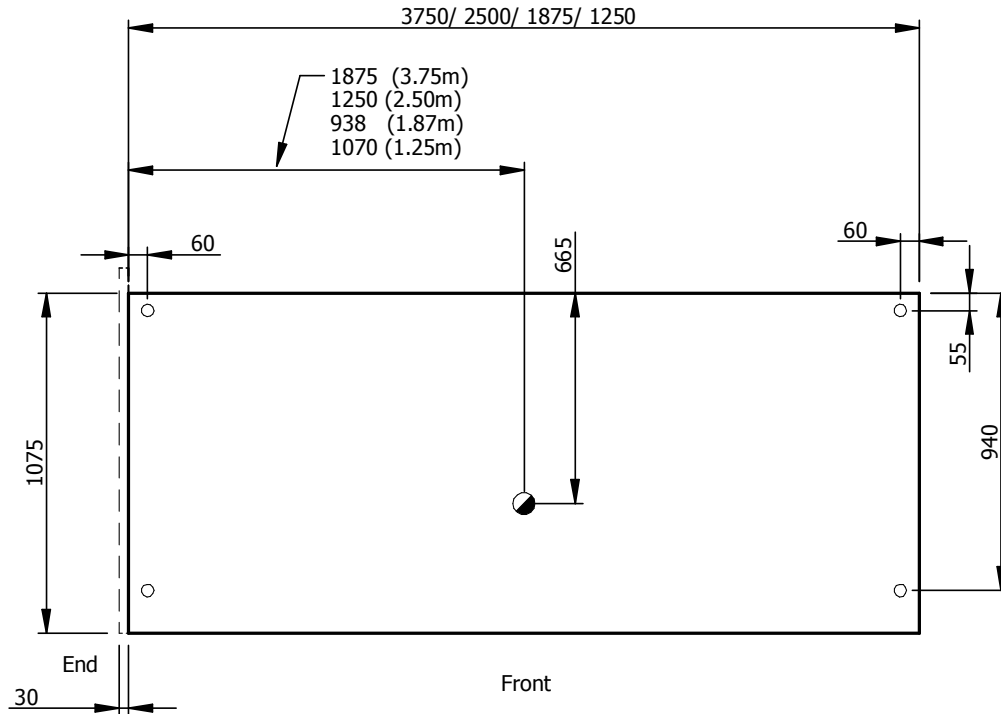
Section Drawing – IBF



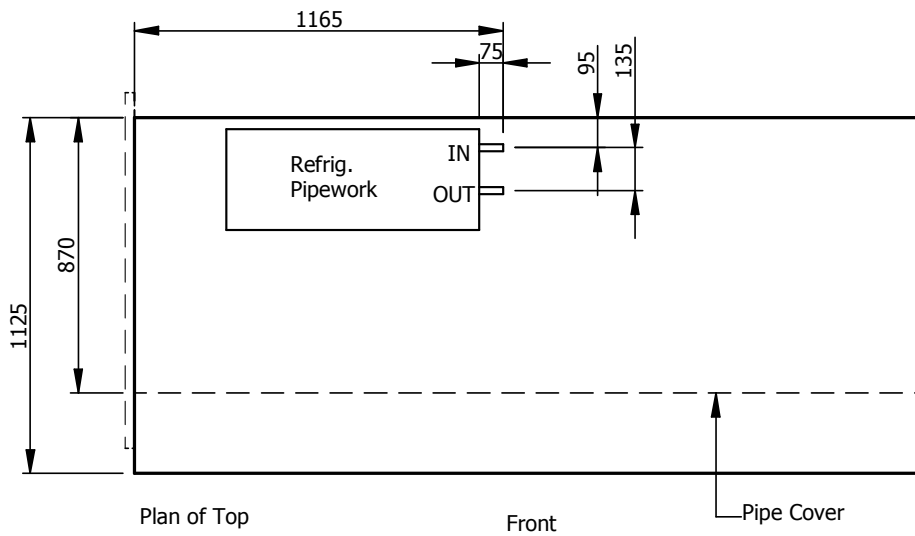
Ref:- DS1264-01

Plan Drawing –IBF

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



Plan of Base



Plan of Top

Front

Pipe Cover

Ref DP1264-01