



RETAIL EQUIPMENT LTD

Cabinet Type **Multi Deck Full Height Roll-in**

Model Designation **RF5**

File Reference 1206

Document Issue	1	10.05.12	GR	First Issue
	2	07-11-13	LRC	Added R407F Data
	3	08-01-14	LRC	Added R744 Data

cabinet **TECHNICAL DATA**

Cabinet Technical Data Sheet – RF5 Milk & Juice

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

Case Length [m]	3.75	2.50
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Refrigeration Data

Refrigeration Duty (per 24hrs) [kW] ISO3	7.70	5.13
Evaporating Temperature [°C] HFC	-7	-7
Evaporating Temperature [°C] R744	-4	-4
Net Environment Cooling Effect [kW]	4.62	3.08
R407A T2 Orifice Size	4	3
R404A T2 Orifice Size	4	3
R407F T2 Orifice Size	4	3
R744 AKVH 10	6	5
Refrigeration Pipe Tail – Liquid HFC and R744	3/8"	3/8"
Refrigeration Pipe Tail – Suction HFC	7/8"	7/8"
Refrigeration Pipe Tail – Suction R744	1/2"	1/2"

Electrical Data (@ 230V 50Hz)

	Watts	Amps	Watts	Amps
Fans (EC EBM)	63	0.27	42	0.18
Solenoid Valve / Controller	10	0.04	10	0.04
Lights	78	0.34	52	0.23
Maximum Load – Off Cycle Defrost	187	0.81	124	0.54

Miscellaneous Data

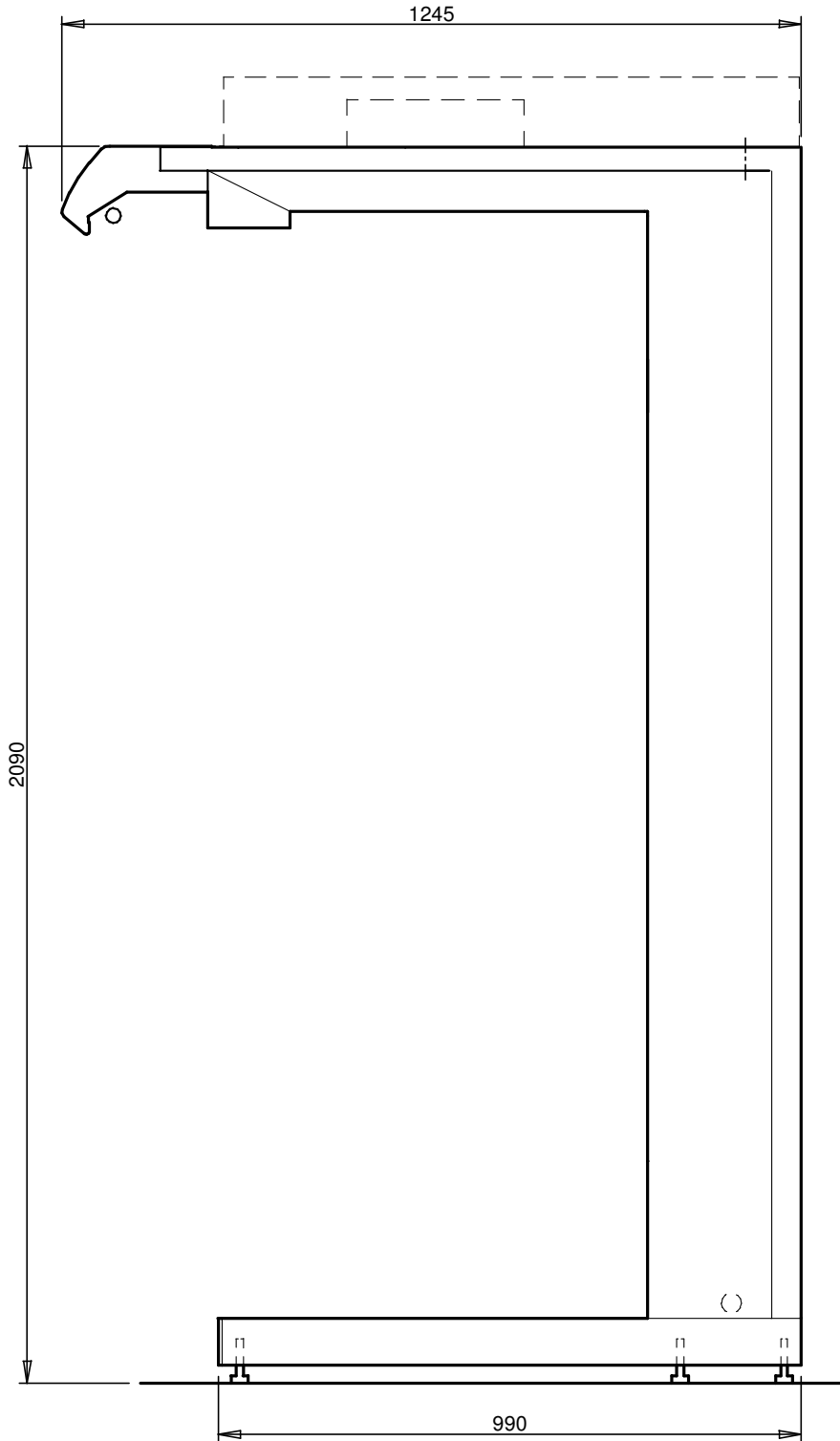
Refrigeration Connections	Top of Cabinet LHS
Electrical Connection	Top of Cabinet LHS

Set-Up Data** O/C Defrost

Cut in Temperature [°C]	1
Differential [K]	0.5
N° Defrosts (per 24hrs)	8
Maximum Defrost Time [mins]	40
Defrost Termination Temp (air off) [°C]	9
Drain Down Time [mins]	1
Fans in Defrost	On
Cabinet Temperature Ratio (%)	66
Superheat [K]	4

NOTES! * for R22 multiply by factor X 0.90
 ** Set-up data is for guidance only. Final settings to be determined by commissioning contractor.

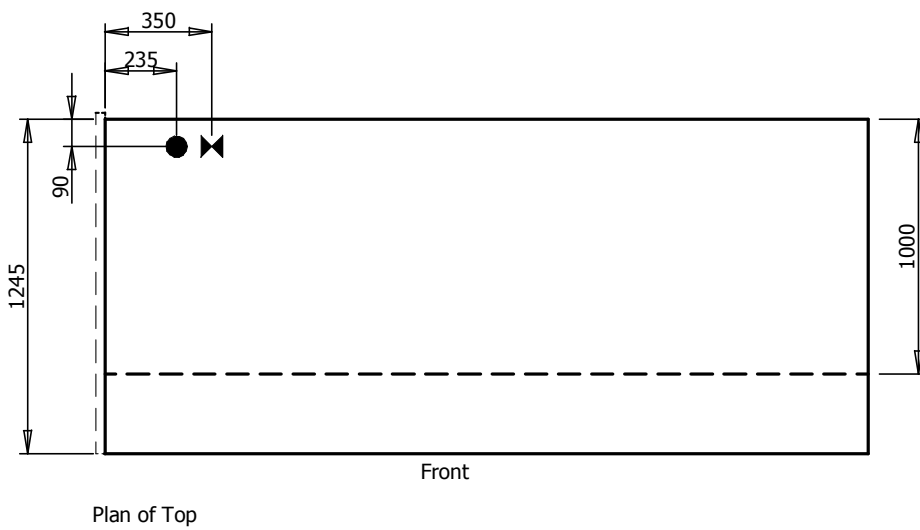
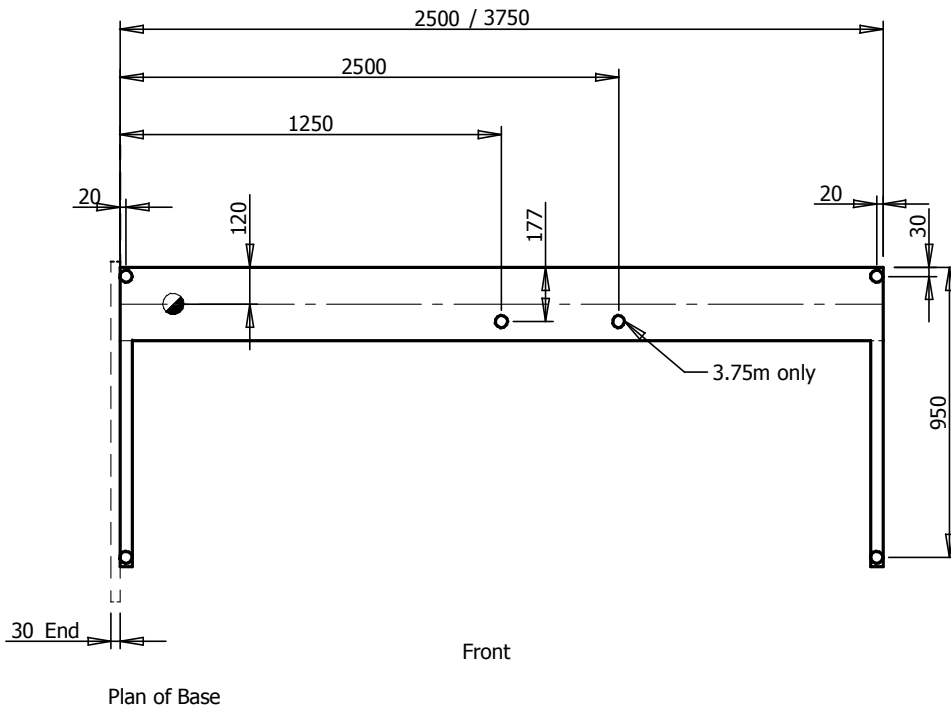
Section Drawing – RF5



Ref:- DS1081-1

Plan Drawing – RF5

- KEY
- Feet Positions
 - Refrig. Outlets
 - ◐ Drain Outlets
 - ⊗ Electric outlet from case



Ref:- DP1081-1