



RETAIL EQUIPMENT LTD

Case Type	Multideck			
Model Designation	KA1			
File Reference	1034			
Document Issue	1	30.11.04	IRG	Provisional Issue
	2	12.12.04	IRG	Revised Provisional Issue
	3	04.03.05	IRG	First Issue
	4	14.12.05	GWP	New Format
	5	10.03.06	AG	Drain Connection revised was 1 & 1/2"

cabinet **TECHNICAL DATA**

Cabinet Technical Data Sheet – KA1 Fresh Meat

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

Case Length [m]	3.75	2.50	1.87
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Refrigeration Data

Refrigeration Duty (per 24hrs) [kW]	5.87	3.89	2.9
Evaporating Temperature [°C]	-7	-7	-7
Nett Environment Cooling Effect [kW]	5.16	3.4	2.51
R404a AKV Expansion Valve Size	No6	No5	No5
R404a T2 Orifice Size	No4	No3	No3
Evaporator Liquid Capacity @ 25% R404a* [kg]	2.86	1.85	1.3
Refrigeration Pipe Tail – Liquid	3/8"	3/8"	3/8"
Refrigeration Pipe Tail – Suction	7/8"	7/8"	7/8"

Electrical Data (@ 230V 50Hz)

	Watts	Amps	Watts	Amps	Watts	Amps
Defrost Heaters						
Fans (MCE)	39	0.17	26	0.11	26	0.11
Trim Heaters						
Solenoid Valve / Controller	10	0.04	10	0.04	10	0.04
Lights	115	0.5	77	0.33	54	0.23
Maximum Load – Off Cycle Defrost	164	0.71	113	0.49	90	0.39

Miscellaneous Data

Drain Outlet	1 & 1/4" plastic
Refrigeration Connections	Bottom LHS
Electrical Connection	Bottom LHS

Set-Up Data** O/C Defrost

Cut in Temperature [°C]	1.5
Differential [K]	0.5
N° Defrosts (per 24hrs)	6
Maximum Defrost Time [mins]	40
Defrost Termination Temp (air off) [°C]	9
Drain Down Time [mins]	1
Fans off on Defrost	No
Cabinet Temperature Ratio (%)	50
Superheat [K]	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.

Cabinet Technical Data Sheet– KA1 Dairy

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

Case Length [m]	3.75	2.50	1.87
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Refrigeration Data

Refrigeration Duty (per 24hrs) [kW]	4.93	3.29	2.46
Evaporating Temperature [°C]	-7	-7	-7
Nett Environment Cooling Effect [kW]	4.22	2.8	2.07
R404a AKV Expansion Valve Size	No6	No5	No5
R404a T2 Orifice Size	No4	No3	No3
Evaporator Liquid Capacity @ 25% R404a* [kg]	2.86	1.85	1.3
Refrigeration Pipe Tail – Liquid	3/8"	3/8"	3/8"
Refrigeration Pipe Tail – Suction	7/8"	7/8"	7/8"

Electrical Data (@ 230V 50Hz)

	Watts	Amps	Watts	Amps	Watts	Amps
Defrost Heaters						
Fans (MCE)	39	0.17	26	0.11	26	0.11
Trim Heaters						
Solenoid Valve / Controller	10	0.04	10	0.04	10	0.04
Lights	115	0.5	77	0.33	54	0.23
Maximum Load – Off Cycle Defrost	164	0.71	113	0.49	90	0.39
Maximum Load – Electric Defrost						
Maximum Load – Gas Defrost						

Miscellaneous Data

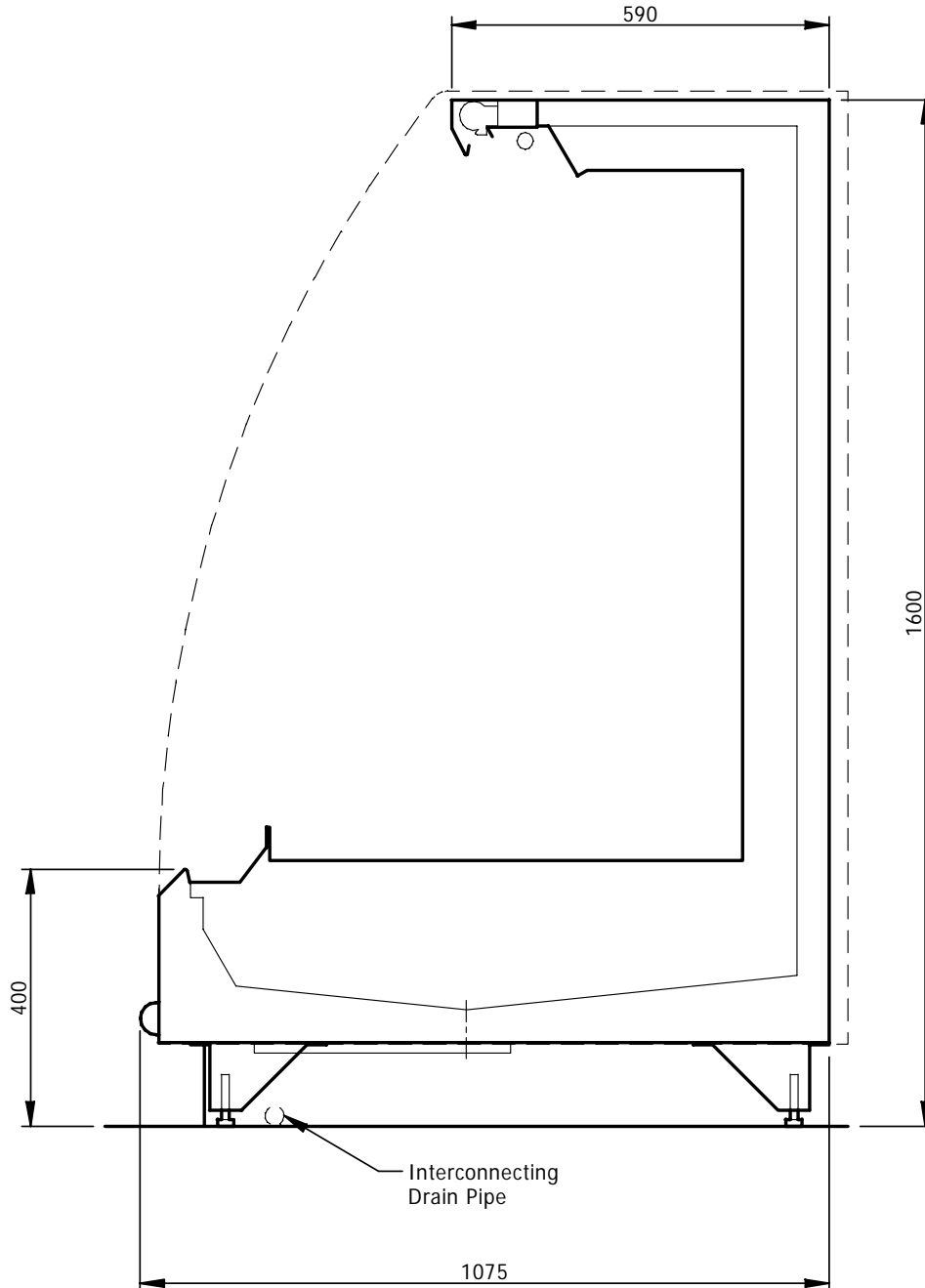
Drain Outlet	1 & 1/4" plastic
Refrigeration Connections	Bottom LHS
Electrical Connection	Bottom LHS

Set-Up Data** O/C Defrost

Cut in Temperature [°C]	2.5
Differential [K]	0.5
N° Defrosts (per 24hrs)	6
Maximum Defrost Time [mins]	40
Defrost Termination Temp (air off) [°C]	9
Drain Down Time [mins]	1
Fans off on Defrost	No
Cabinet Temperature Ratio (%)	50
Superheat [K]	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.

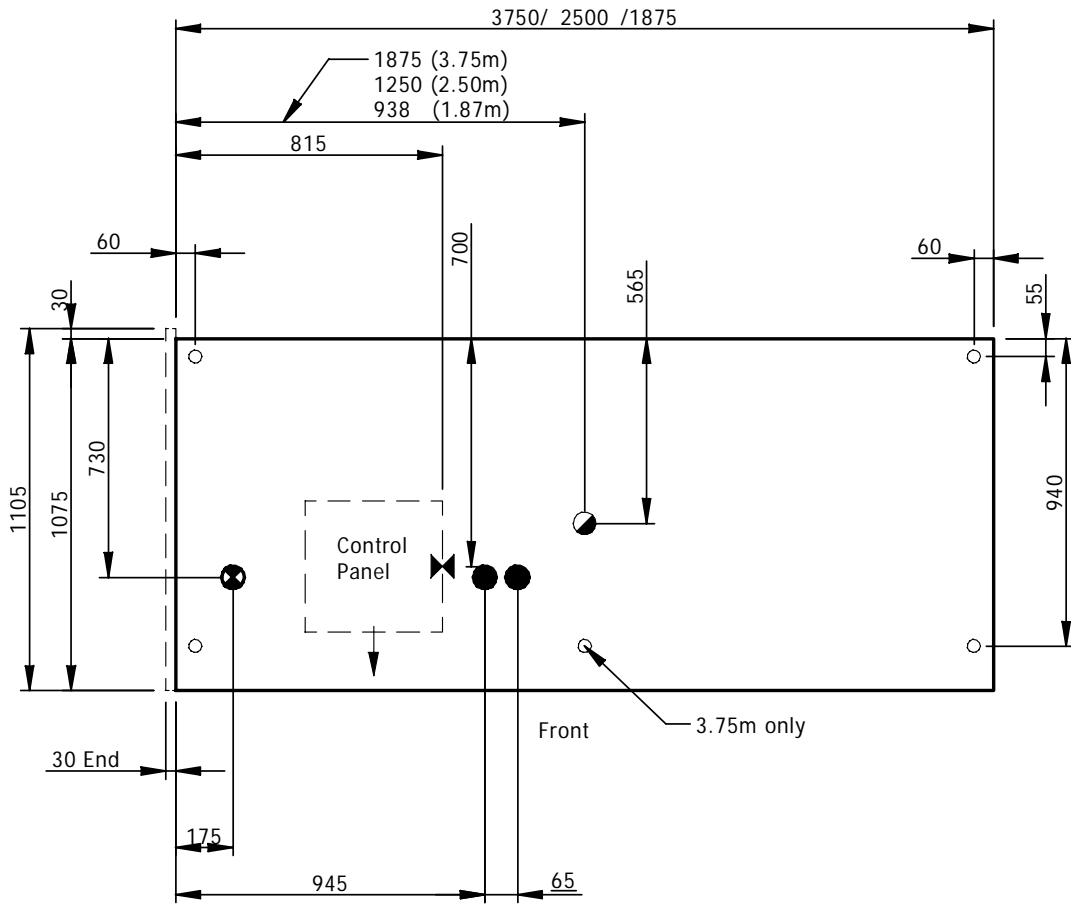
Section Drawing – KA1



Ref:- DS1034-3

Plan Drawing – KA1

- KEY
- Feet Positions
 - Refrig. Outlets
 - ◐ Drain Outlets
 - ⊗ Elect. Outlets
 - ⊕ Mains Supply



Plan of Base

Ref:- DP1034-2