



RETAIL EQUIPMENT LTD

Case Type **Multideck**

Model Designation **KA6**

File Reference 1209

Document Issue 1 17-05-12 LRC First Issue

cabinet **TECHNICAL DATA**

Cabinet Technical Data Sheet – KA6 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]	-4	-4	-4
Nett Environment Cooling Effect [kW]	5.16	3.4	2.51
R744 AKV Expansion Valve Size	AKV 10-5	AKV 10-5	AKV 10-4

Evaporator Liquid Capacity @ 90% R744 [kg]	TBA	TBA	TBA
Refrigeration Pipe Tail – Liquid	3/8"	3/8"	3/8"
Refrigeration Pipe Tail – Suction	1/2"	1/2"	1/2"

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 Nualight LED's	78	0.34	52	0.23	36	0.16
Maximum Load – Off Cycle Defrost	127	0.55	86	0.38	72	0.31

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– KA6 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]	-4	-4	-4
Nett Environment Cooling Effect [kW]	4.22	2.8	2.07
R744 AKV Expansion Valve Size	AKV 10-6	AKV 10-6	AKV 10-5

Evaporator Liquid Capacity @ 90% R744 [kg]	2.86	1.85	1.3
Refrigeration Pipe Tail – Liquid	3/8"	3/8"	3/8"
Refrigeration Pipe Tail – Suction	1/2"	1/2"	1/2"

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 Nualight LED's	78	0.34	52	0.23	36	0.16
Maximum Load – Off Cycle Defrost	127	0.55	86	0.38	72	0.31

Miscellaneous Data

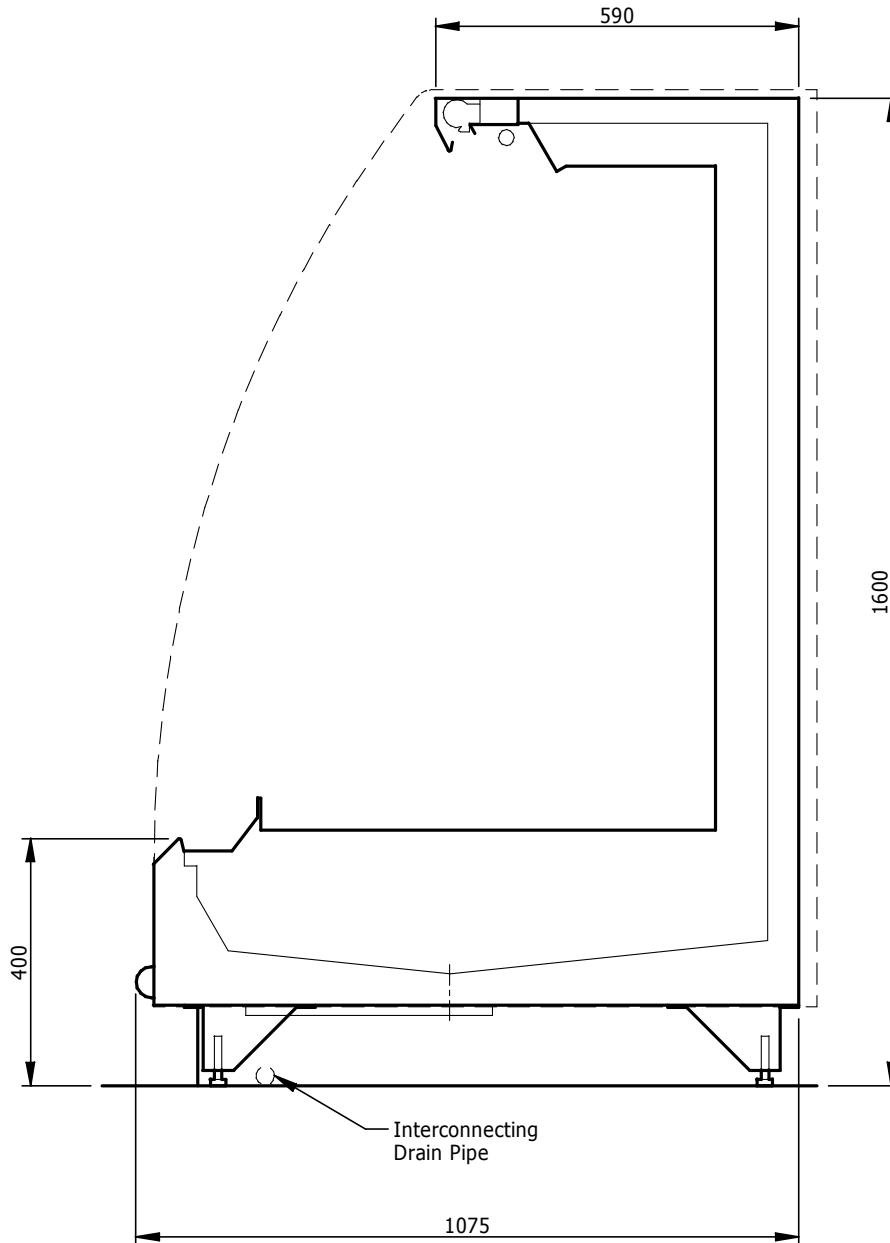
Drain Outlet	1& 1/4" plastic
Refrigeration Connections	Bottom LHS
Electrical Connection	Bottom LHS

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.

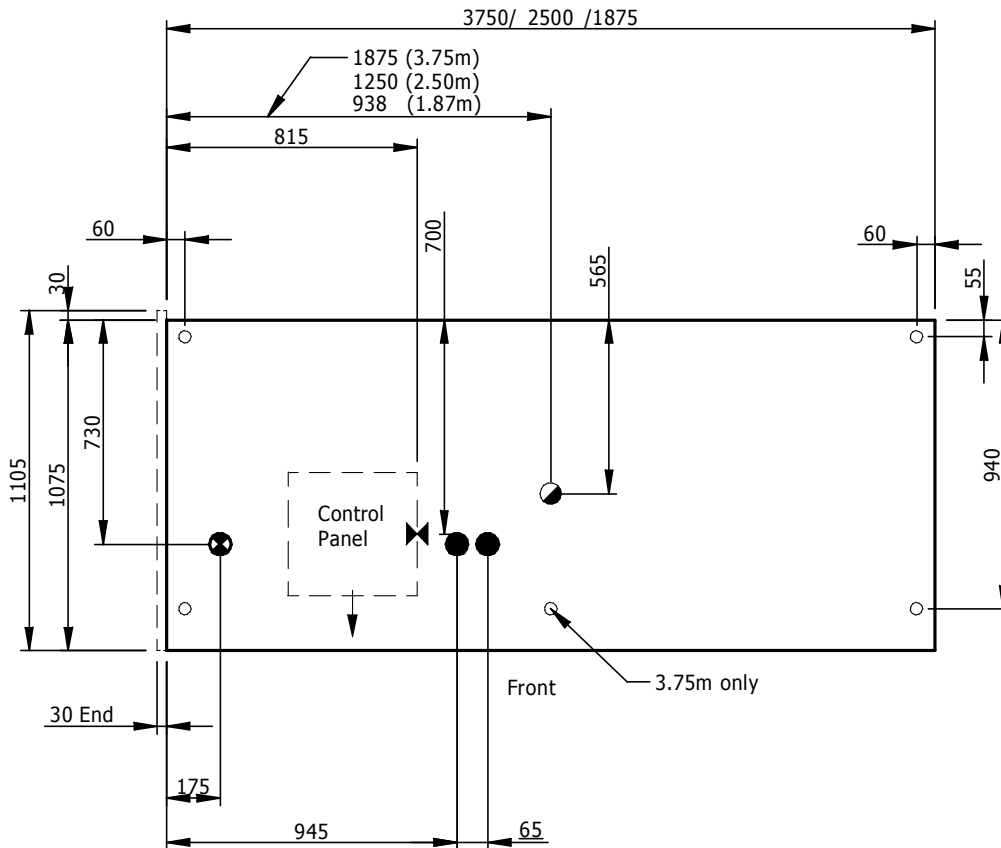
Section Drawing – KA6



Ref:- DS1034-3

Plan Drawing – KA6

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



Plan of Base

Ref:- DP1034-2