

Case Type	<b>Multi Deck</b>			
Model Designation	<b>KA2</b>			
File Reference	1045			
Document Issue	1	04.05.06	IRG	First Issue
	2	30.03.06	GWP	Copied to New Format Elect loads amended

cabinet **TECHNICAL DATA**

## Cabinet Technical Data Sheet – KA2 Meat

Product Type	Meat 3M0
Product Temperature	-1/4°C
Maximum Design Ambient	25°C 65%rH

<b>Case Length [m]</b>	<b>3.75</b>	<b>2.50</b>	<b>1.87</b>
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### Refrigeration Data

Refrigeration Duty (per 24hrs) [kW]	5.87	3.89	2.90
Evaporating Temperature [°C]	-7	-7	-7
Nett Environment Cooling Effect [kW]	5.16	3.40	2.51
R404a AKV Expansion Valve Size	6	5	5
R404a T2 Orifice Size	4	3	3
Evaporator Liquid Capacity @ 25% R404a* [kg]	2.86	1.85	1.30
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
Fans (MCE)	39	0.17	26	0.11	26	0.11
Solenoid Valve / Controller	10	0.04	10	0.04	10	0.04
Maximum Load – Off Cycle Defrost	49	0.21	36	0.15	36	0.15

### Miscellaneous Data

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

### Set-Up Data\*\*

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

## Cabinet Technical Data Sheet – KA2 Dairy

Product Type	Dairy 3M1
Product Temperature	-1/5°C
Maximum Design Ambient	25°C @ 65%RH

<b>Case Length [m]</b>	<b>3.75</b>	<b>2.50</b>	<b>1.87</b>
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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	2.80	2.07
R404a AKV Expansion Valve Size	6	5	5
R404a T2 Orifice Size	4	3	3
Evaporator Liquid Capacity @ 25% R404a* [kg]	2.86	1.85	1.30
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
Fans (MCE)	39	0.17	26	0.11	26	0.11
Solenoid Valve / Controller	10	0.04	10	0.04	10	0.04
Maximum Load – Off Cycle Defrost	49	0.21	36	0.15	36	0.15

### Miscellaneous Data

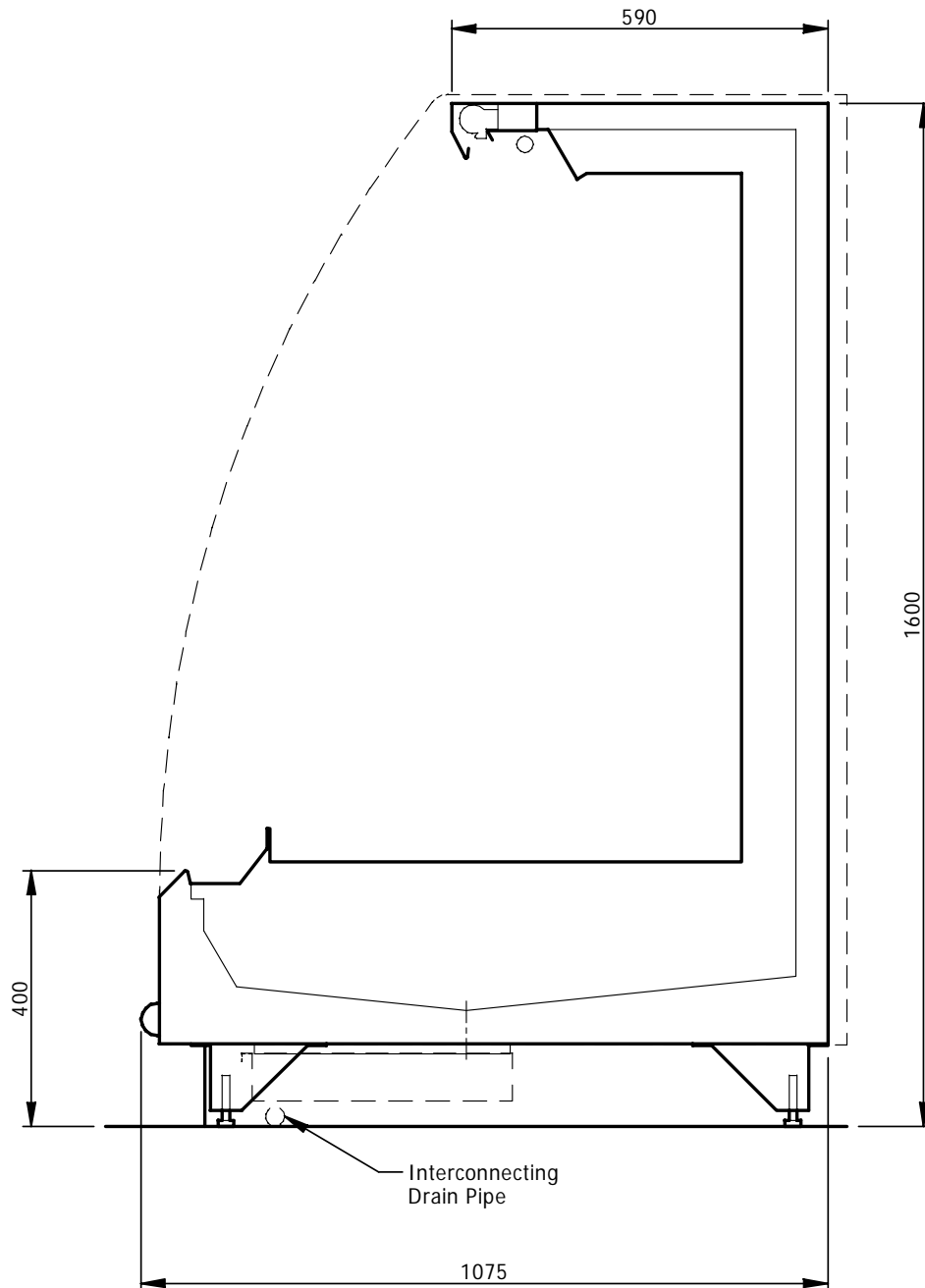
Drain Outlet	1&1/4" Plastic
Refrigeration Connections	Bottom LHS
Electrical Connection	Bottom LHS

### Set-Up Data\*\*

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

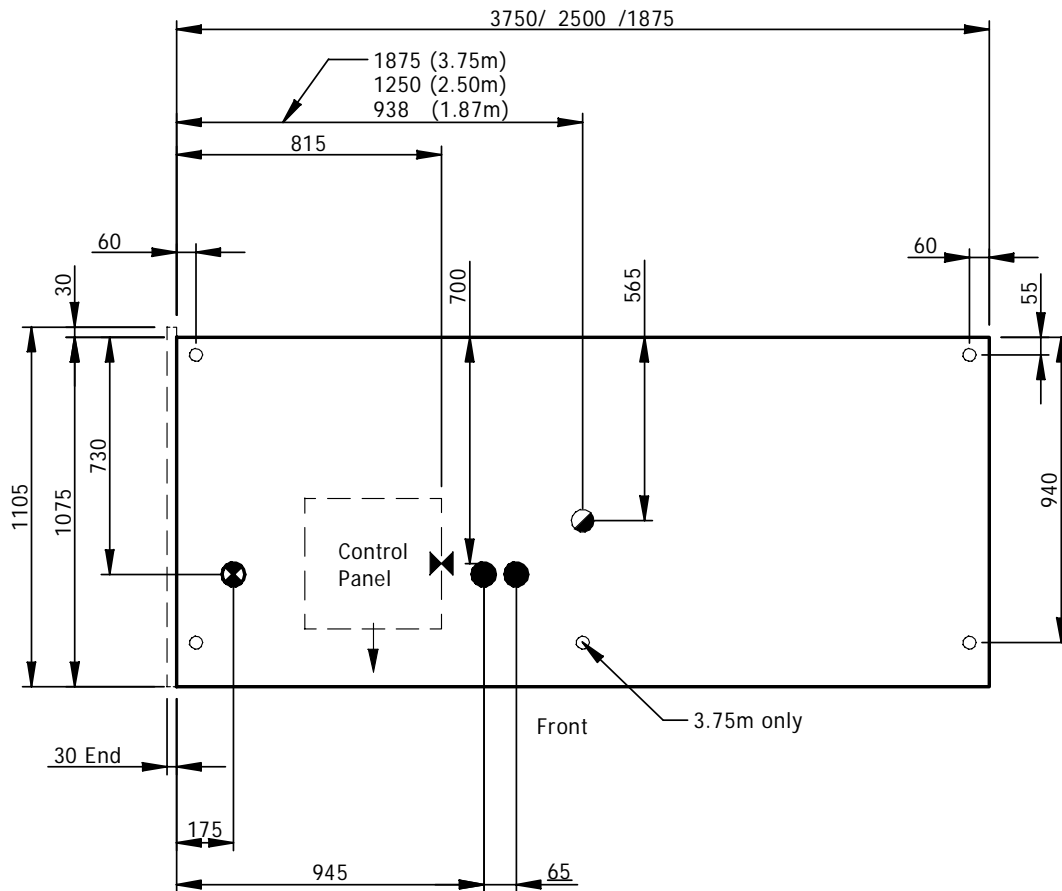
Section Drawing – KA2



Ref:- DS1045-2

Plan Drawing – KA2

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



Plan of Base

Ref:- DP1045-2