

Case Type	<b>Multideck</b>			
Model Designation	<b>KA5</b>			
File Reference	1208			
Document Issue	1	16-05-12	LRC	First Issue

cabinet **TECHNICAL DATA**

## Cabinet Technical Data Sheet – KA5 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
R407A 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 Nualight LED's	78	0.34	52	0.23	36	0.16
Maximum Load – Off Cycle Defrost	127	0.55	88	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– KA5 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
R407A 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 Nualight LED's	78	0.34	52	0.23	36	0.16
Maximum Load – Off Cycle Defrost	127	0.55	88	0.38	72	0.31

### Miscellaneous Data

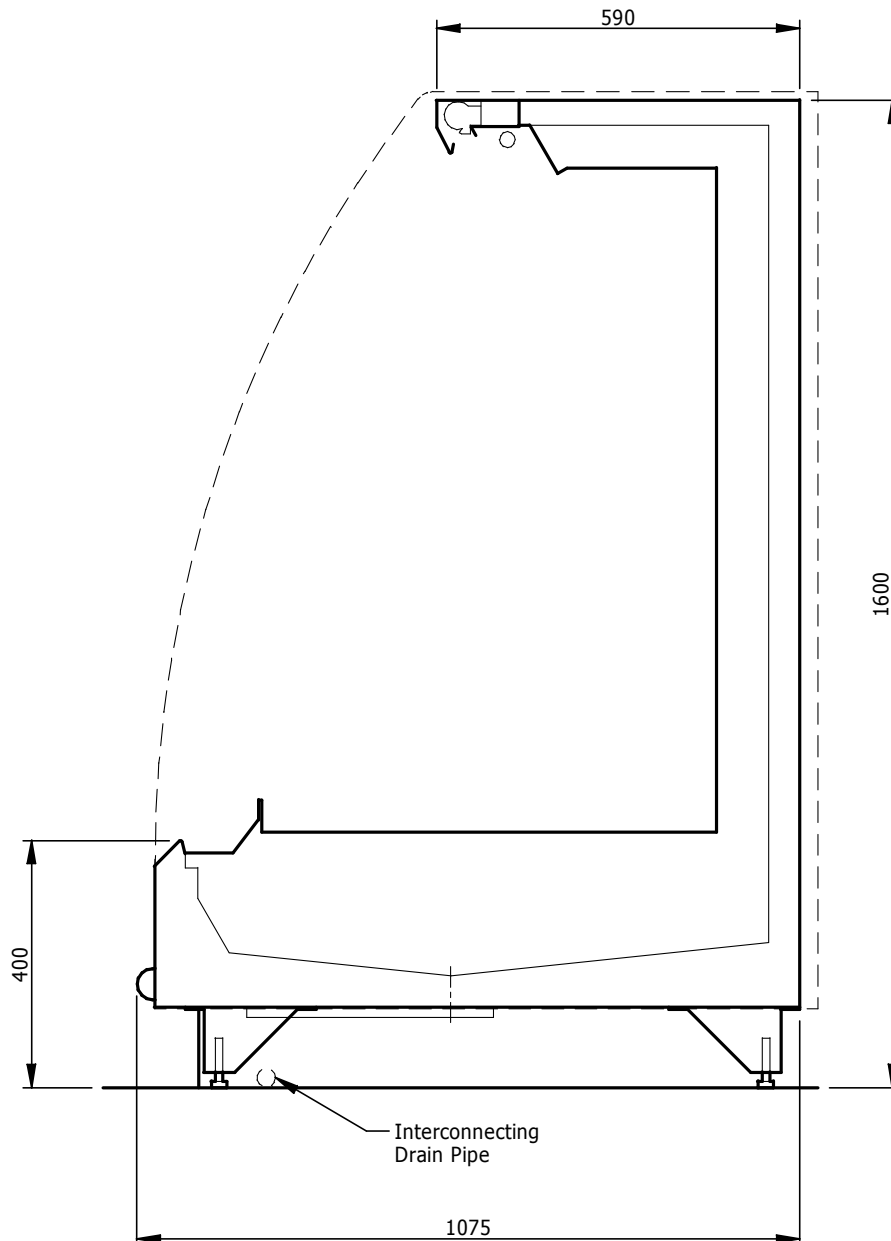
Drain Outlet	1& 1/4" plastic
Refrigeration Connections	Bottom LHS
Electrical Connection	Bottom LHS

### 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 – KA5**

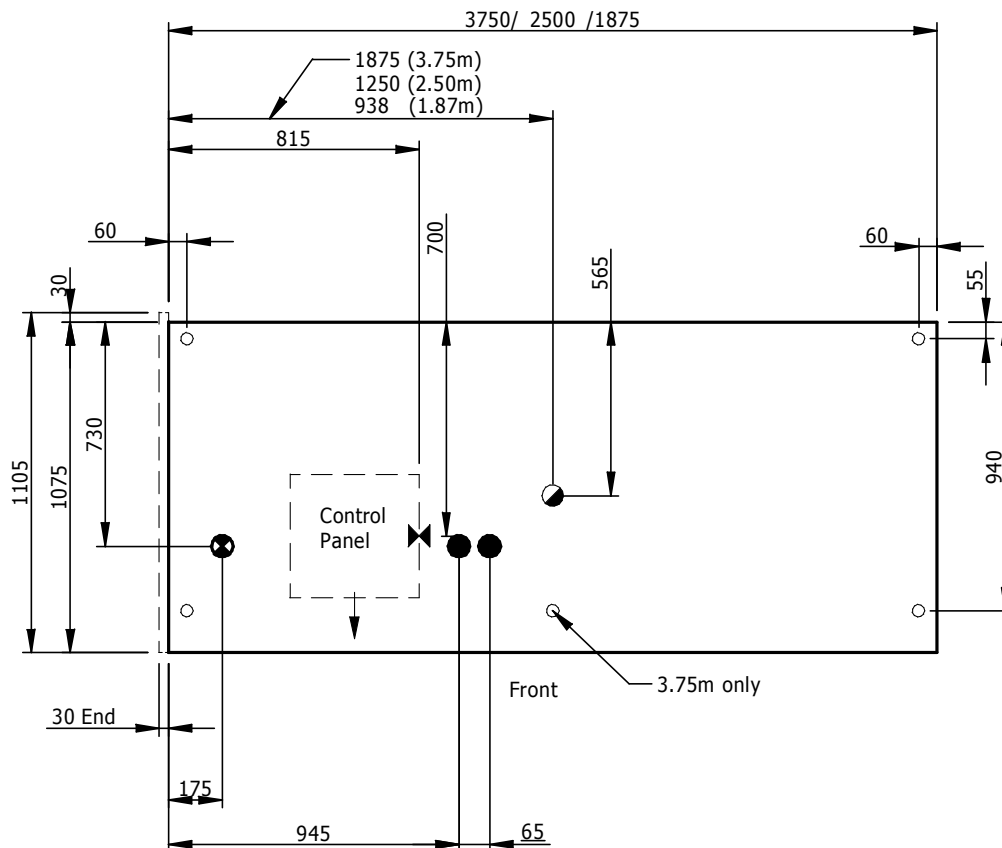


Ref:- DS1034-3

## Plan Drawing – KA5

### KEY

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



Plan of Base

Ref:- DP1034-2