

Cabinet Type **Multideck Full Height**

Model Designation **ID3**

File Reference 1225

Document Issue 1 26-09-12 LRC First Issue

cabinet **TECHNICAL DATA**

Cabinet Technical Data Sheet – ID3

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	1.25	1.7
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Refrigeration Data

Refrigeration Duty (per 24hrs) [kW] ISO3	5.78	3.85	2.89	1.93	2.62
Refrigeration Duty (per 24hrs) [kW] ISO0	4.62	3.08	2.31	1.54	2.09
Evaporating Temperature [°C]	-6	-6	-6	-6	-6
Nett Environment Cooling Effect [kW]	TBA	TBA	TBA	TBA	TBA
R410A AKV	10-6	10-5	10-4	10-3	10-4
Evaporator Liquid Capacity @ 25% R404A* [kg]	6.0	3.9	2.9	1.8	2.7
Refrigeration Pipe Tail – Liquid	3/8"	3/8"	3/8"	3/8"	3/8"
Refrigeration Pipe Tail – Suction	7/8"	7/8"	7/8"	7/8"	7/8"

Electrical Data (@ 230V 50Hz)

	Watts	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts	Amps
Fans (EC EBm)	42	0.18	28	0.12	21	0.09	14	0.06	21	0.09
Solenoid Valve / Controller	10	0.04	10	0.04	10	0.04	10	0.04	10	0.04
Lights QE Global (Excludes Shelf Lights)	54	0.23	36	0.16	24	0.10	18	0.08	30	0.13
Maximum Load – Off Cycle Defrost	106	0.45	74	0.32	52	0.23	39	0.18	60	0.26

Miscellaneous Data

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

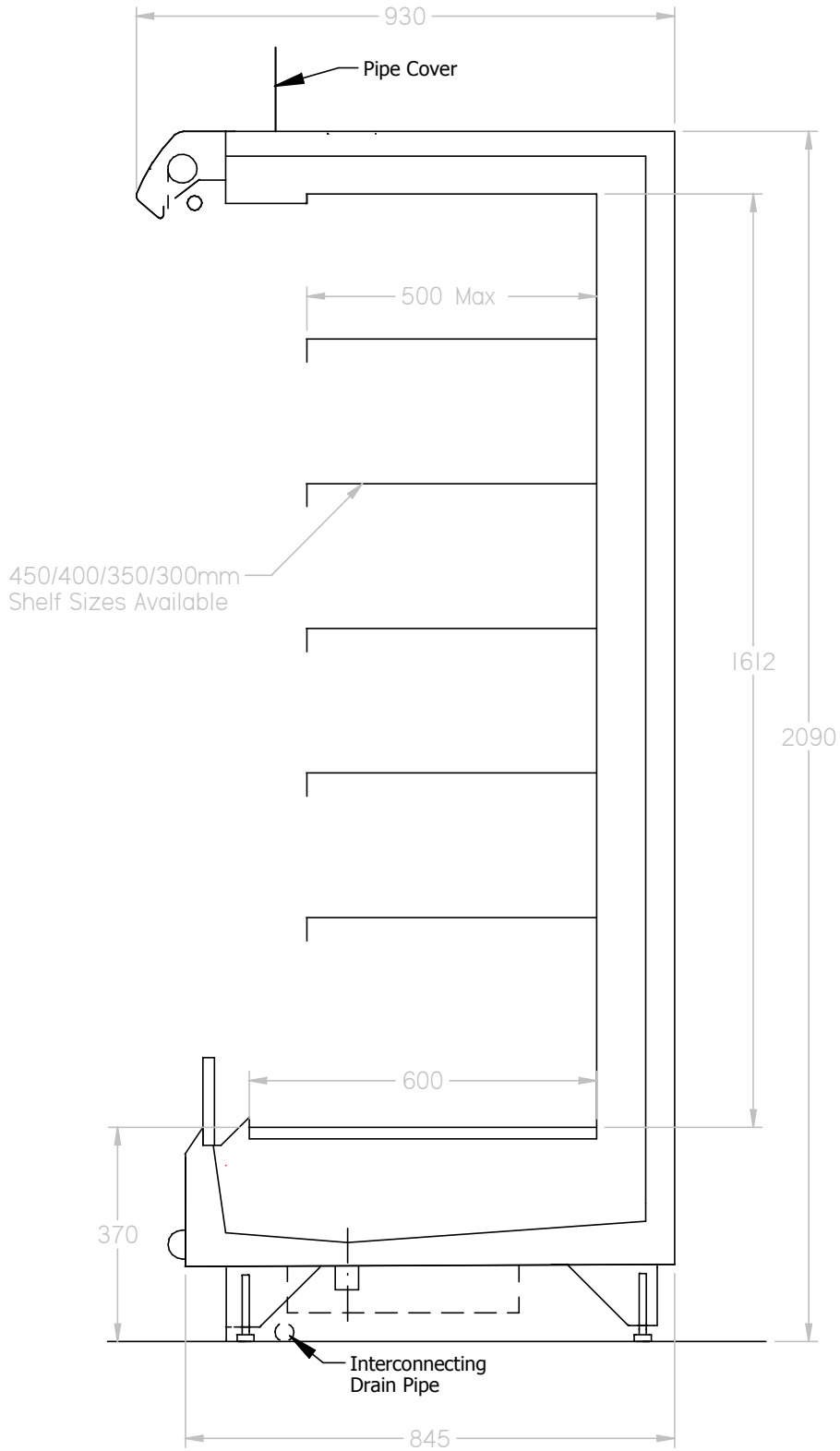
Set-Up Data** O/C Defrost

	Meat	Dairy
Cut in Temperature [°C]	-1	1
Differential [K]	1	1
N° Defrosts (per 24hrs)	6	6
Maximum Defrost Time [mins]	45	45
Defrost Termination Temp (air off) [°C]	6	6
Drain Down Time [mins]	0	0
Fans in Defrost	On	On
Cabinet Temperature Ratio (%)	50	50
Application	2	2

NOTES!

** Set-up data is for guidance only. Final settings to be determined by commissioning contractor.
 *** M0 proposed En temperature class for fresh meat -1/4°C

Section Drawing – ID2

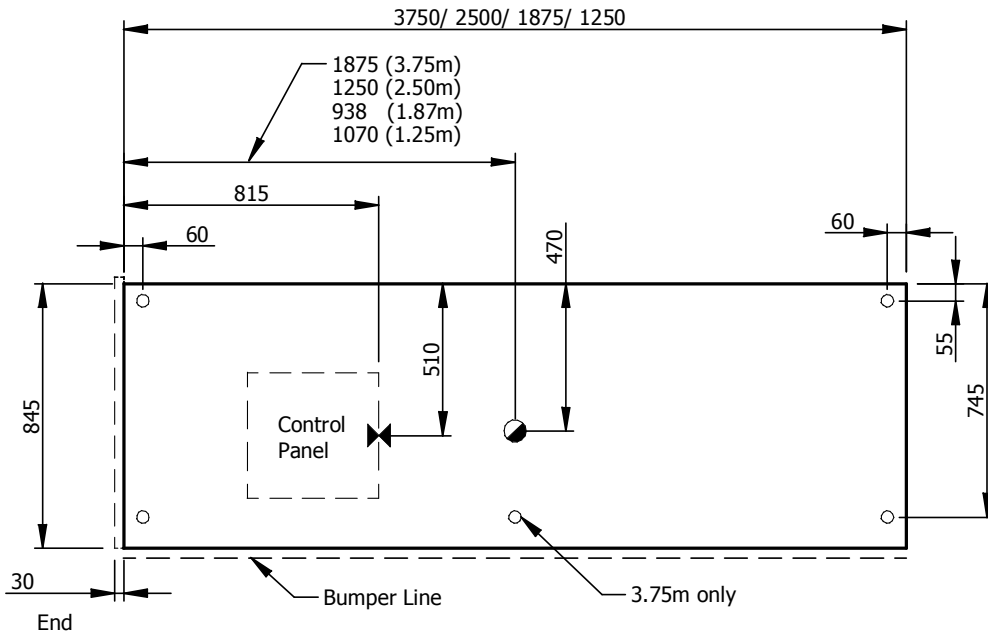


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Plan Drawing – ID2

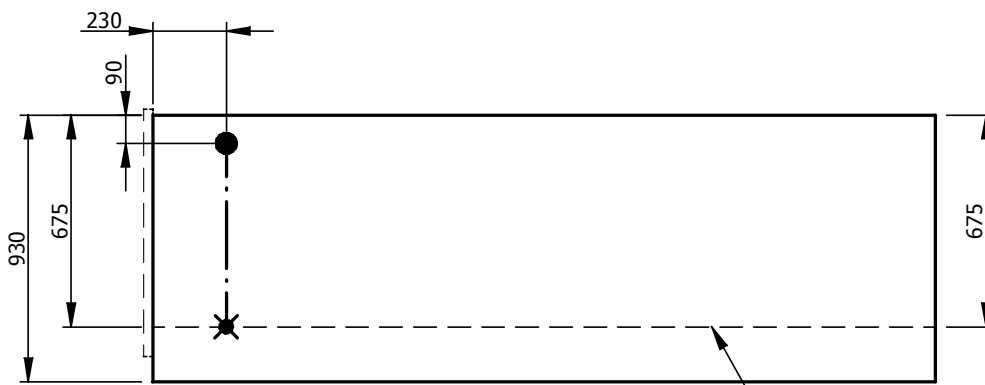
KEY

- Feet Positions
- Refrig. Outlets
- ✕ Refrig. Pipe Tails
- ◐ Drain Outlets
- ⊗ Mains Supply



Front

Plan of Base



Front

Plan of Top