

**Cabinet Type**      **Multideck Full Height Chilled Air**

**Model Designation**      **IX1**

**File Reference**      1197

<b>Document Issue</b>	1	30-01-12	LRC	First Issue
	2	21-06-12	LRC	Updated Air Volumes
	3	10-07-12	LRC	Updated Air Volumes and Pressure Drops

cabinet **TECHNICAL DATA**

## Cabinet Technical Data Sheet – IX1 Dairy

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

<b>Case Length [m]</b>	<b>3.75</b>	<b>2.50</b>	<b>2.18 WAE</b>
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### Refrigeration Data

Refrigeration Duty (per 24hrs) [kW] ISO3	5.78	3.85	2.89
Refrigeration Duty (per 24hrs) [kW] ISO0	4.62	3.08	2.31
Nett Environment Cooling Effect [kW]	TBA	TBA	TBA
Constant Air Volume m3/s	0.4	0.27	0.235
Pressure Drop Pa	100	100	120
Delivery Air Temp. at Honeycomb °C	-1°C	-1°C	-1°C

### Electrical Data (@ 230V 50Hz)

	Watts	Amps	Watts	Amps	Watts	Amps
Lights	84	0.37	56	0.24	42	0.18
Maximum Load – Off Cycle Defrost	84	0.37	56	0.24	42	0.18

### Miscellaneous Data

Ducting Connections	Top of Cabinet LHS Rear
Ducting Connection Dimensions	450mm x 150mm

## Cabinet Technical Data Sheet – IX1 Meat

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

<b>Case Length [m]</b>	<b>3.75</b>	<b>2.50</b>	<b>2.18 WAE</b>
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### Refrigeration Data

Refrigeration Duty (per 24hrs) [kW] ISO3	5.93	3.95	2.96
Refrigeration Duty (per 24hrs) [kW] ISO0	4.74	3.16	2.37
Nett Environment Cooling Effect [kW]	TBA	TBA	TBA
Constant Air Volume m3/s	0.4	0.27	0.235
Pressure Drop Pa	100	100	120
Delivery Air Temp. at Honeycomb °C	-2°C	-2°C	-2°C

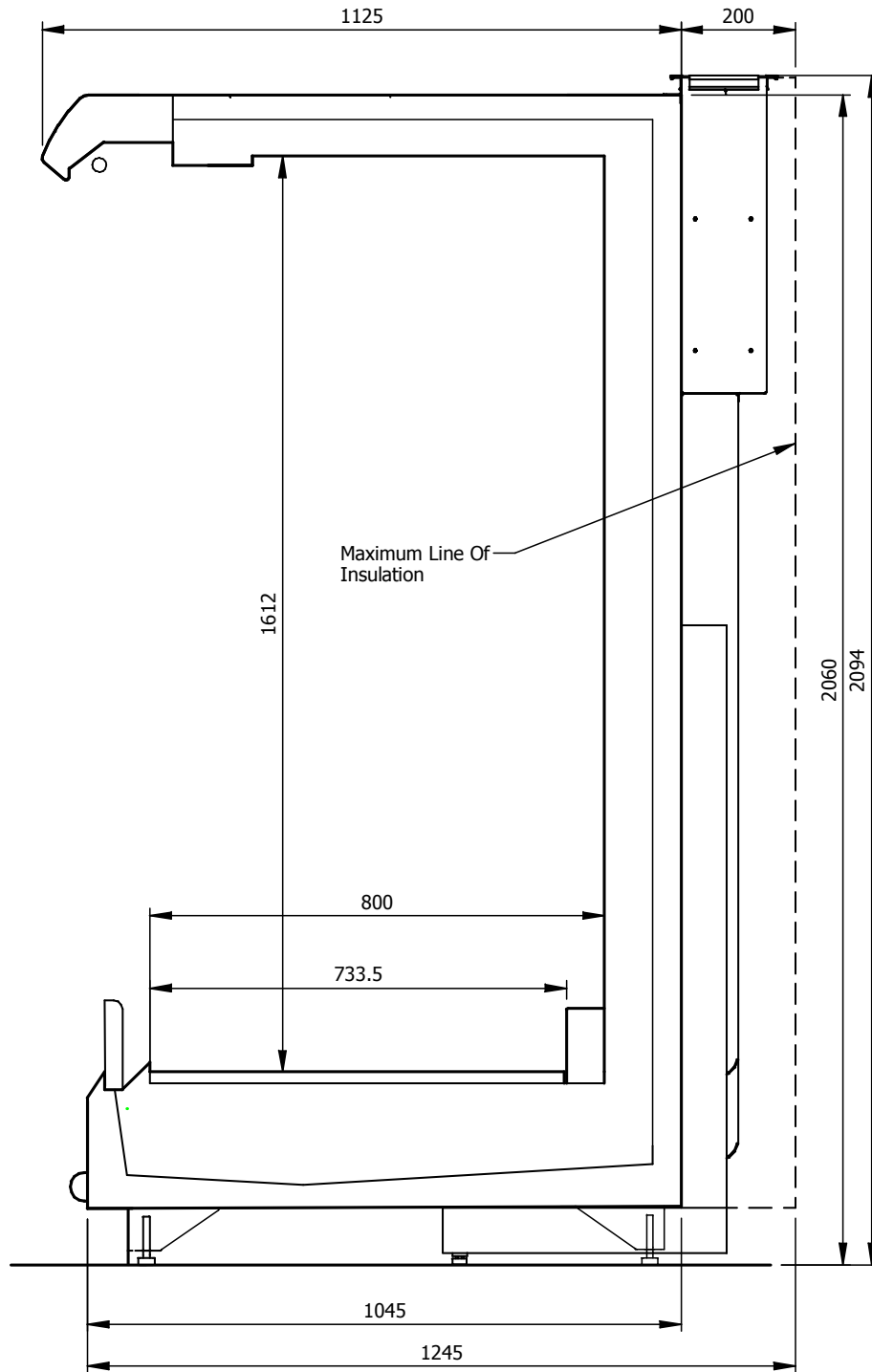
### Electrical Data (@ 230V 50Hz)

	Watts	Amps	Watts	Amps	Watts	Amps
Lights	84	0.37	56	0.24	42	0.18
Maximum Load – Off Cycle Defrost	84	0.37	56	0.24	42	0.18

### Miscellaneous Data

Ducting Connections	Top of Cabinet LHS Rear
Ducting Connection Dimensions	450mm x 150mm

**Section Drawing – IX1**

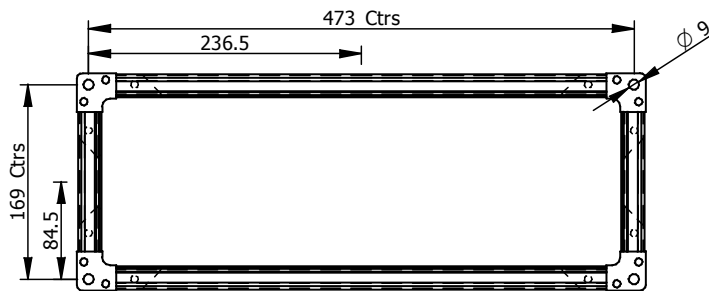
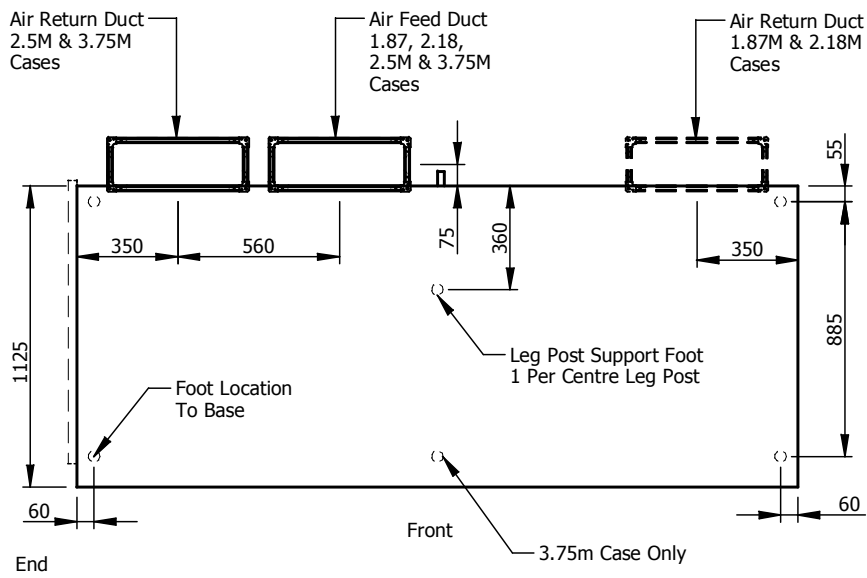


Ref:- DS1197

**Plan Drawing – IX1**

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

Plan of Top



Duct Connection Detail

Ref DP1197-1