

# Technical Data Document

<b>Model designation</b>	<b>LB2</b>			
<b>File reference</b>	<b>1041</b>			
<b>Document issue</b>	<b>1</b>	27.09.04	Irg	1st issue
	<b>2</b>	19.05.05	Irg	2 <sup>nd</sup> Issue



# CASE TECHNICAL DATA SHEET

## LB2 – 1041

Product Type / Product Class	Produce / 3H1
Product Temperature	+8 °C / +10 °C
Maximum Design Ambient	25°C 60%rH

<b>Case Length</b>	<b>1.83m</b>	<b>2.44m</b>	<b>3.66m</b>
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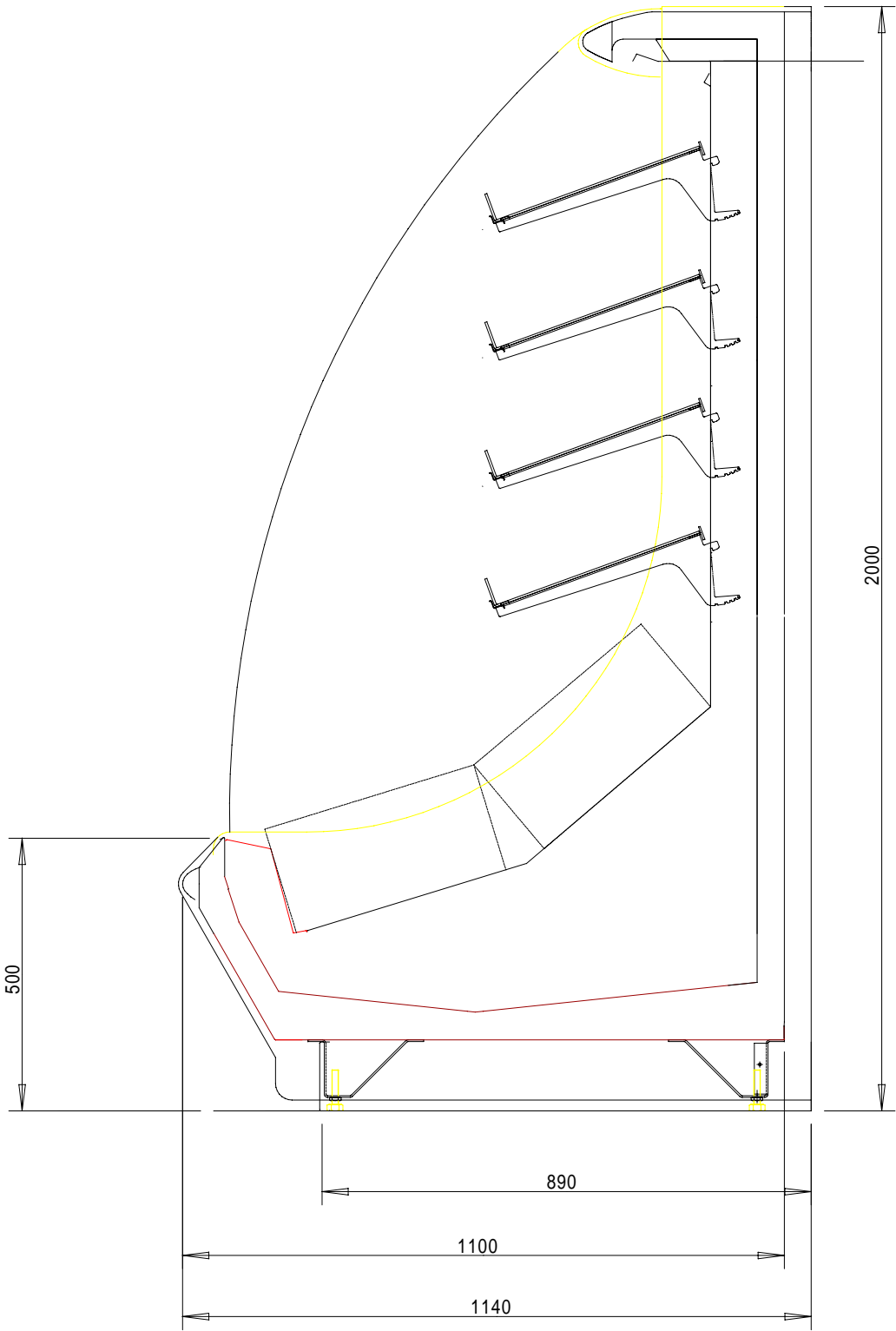
<b>Refrigeration Data</b>			
Refrigeration Duty (per 24hrs) kW	2.61	3.49	5.23
Evaporating Temperature °C	-8	-8	-8
Nett Environmental Cooling Effect kW	2.46	3.34	5.0
R404A AKV Expansion Valve Size	10/4	10/5	10/6
R404A T2 Orifice size	No2	No3	No3
Evaporator Liquid Capacity @ 25% R404A*	1.44kg	2.47kg	3.80kg
Refrigeration Pipe Tail - Liquid	3/8"	3/8"	3/8"
Refrigeration Pipe Tail - Suction	5/8"	5/8"	5/8"

<b>Electrical Data @ 230V 50Hz</b>	Watts	Amps	Watts	Amps	Watts	Amps
Fans	136	0.59	136	0.59	204	0.89
Solenoid Valves / Controller	10	0.04	10	0.04	10	0.04
Maximum Load	146	0.63	146	0.63	214	0.93

<b>Miscellaneous Data</b>			
Drain Outlet			

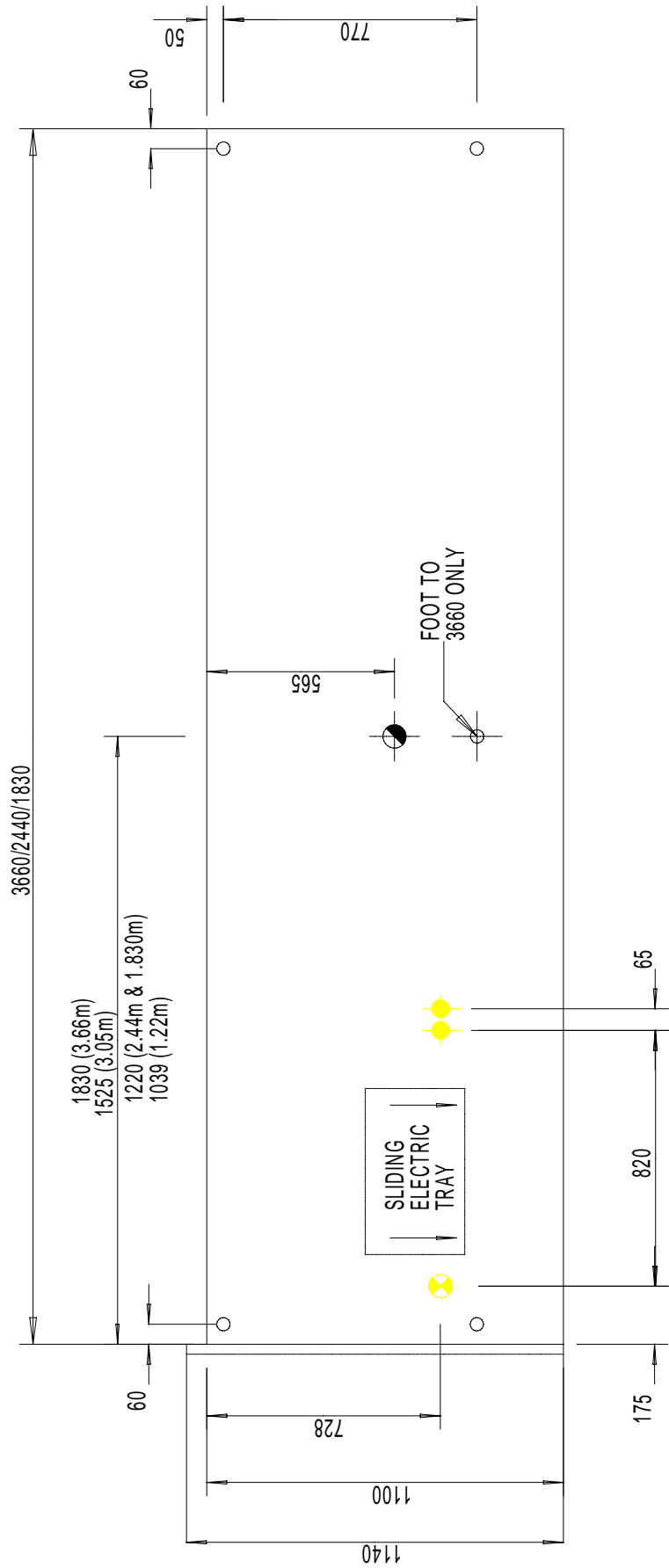
<b>Set-up Data**</b>	O/C Defrost	
Cut in Temperature (°C)	6.0	
Differential below (K)	0.5	
N° Defrosts per 24hrs	6	
Maximum Defrost Time (mins)	40	
Defrost Termination Temp (Air off °C)	9	
Drain Down Time (mins)	1.5	
Fans off in Defrost	No	
Cabinet Temperature Ratio (%)	50	
Superheat (K)	4	

NOTES \* for R22 multiply by factor X 0.90  
 \*\* Set-up Data is for guidance only. Final settings to be determined by commissioning contractor



CUSTOMER	MODEL <b>LB2 - WALL PRODUCE.</b>	CARTER RETAIL EQUIPMENT LTD. LEA FORD ROAD BIRMINGHAM B10 0HJ TEL 0121 250 1111
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- KEY
- FEET POSITIONS
  - REFRIG. OUTLET
  - ◐ DRAIN OUTLET
  - ◑ ELECT. OUTLET
  - ⊠ MAINS SUPPLY



DRG.No. SP0496  
Iss No.1.

CUSTOMER	MODEL <b>LA, LB PLAN</b>	CARTER RETAIL EQUIPMENT LTD LEA FORD ROAD BIRMINGHAM B33 9TX TEL 0121 250 1111
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