

Cabinet Type Full Height Glass Door Medium Temperature

Model Designation PB 9

File Reference 1190

Document Issue				
1	02-08-11	LRC	First Issue (PROVISIONAL)	
2	15-03-12	LRC	Updated THR and Nett Environmental Heat Effect	
3	15-03-12	LRC	Commissioning data updated	
4	2-04-12	LRC	Nett Environmental Effect Changed	
5	10-09-12	LRC	Updated refrigerant charge	
6	10-01-13	LRC	Updated refrigerant charge on 1.25m Case	
7	19-02-13	GR	Shelf Detail Added	
8	21-03-13	LRC	Updated Electrical Supply Requirement	

cabinet **TECHNICAL DATA**

Cabinet Technical Data Sheet – PB9

Product Type	Fresh Meat and Dairy
Product Temperature	-1°C / 4°C
Maximum Design Ambient	25°C 60%RH

Case Length [m]	2.5m (4 Dr)	1.87m (3Dr)	1.25m (2Dr)
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Refrigeration Data

Nett Environmental Heating Effect	3.35	2.56	2.00
Refrigerant Charge per System R1270	700gr	500gr	400gr

Electrical Data (individual loads 230v)

	Watts	Amps	Watts	Amps	Watts	Amps
Defrost Heaters	0	0	0	0	0	0
Fans	40	0.17	30	0.13	20	0.09
Trim Heaters	0	0	0	0	0	0
Controller	10	0.04	10	0.04	10	0.04
Mullion Lights	37	0.16	37	0.16	22	0.1
Canopy Lights	36	0.16	24	0.10	18	0.08
Condensing unit (Compressors and Fans)	1105	4.8	869	3.78	869	3.78

Electrical Data (@230V 1ph 50Hz)

	Watts	Amps	Watts	Amps	Watts	Amps
Maximum Load Normal Running	1228	5.33	970	4.21	939	4.09
Maximum Load – Off Cycle Defrost	123	0.53	101	0.43	70	0.31

Miscellaneous Data

Total Heat Rejection THR [KW]	3.38	2.58	2.01
HC Gas Detection	CPC	CPC	CPC
Control Panel	Top of Case LHS		
Drain Outlet	32mm Plastic		
Electrical Connections	Top Rear of Cabinet LHS 16A Commando Plug		

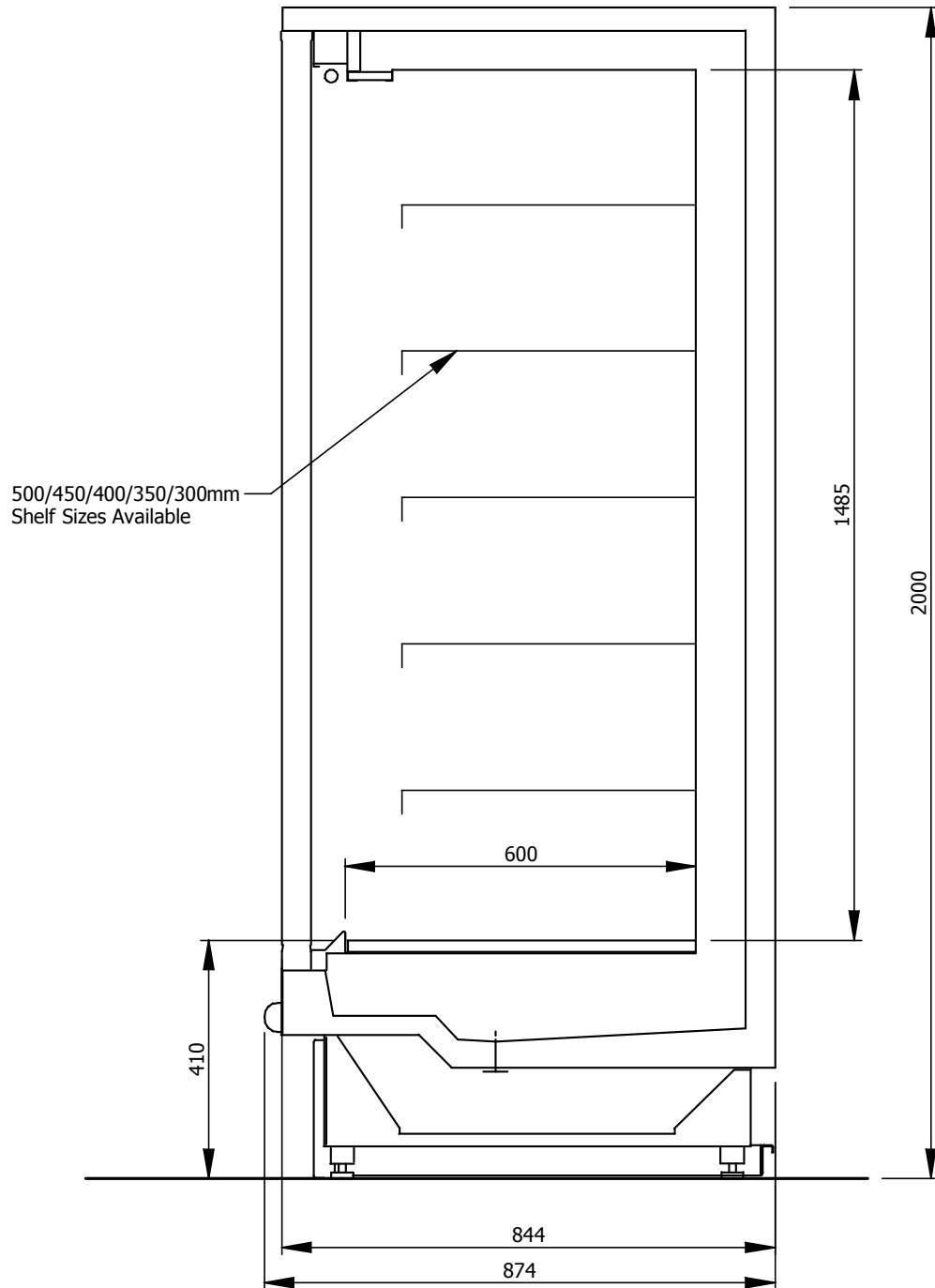
Set-Up Data**

	Meat	Dairy
Cut in Temperature [°C]	1	2
Differential [K]	2	2
Cabinet Temperature Ratio (%)	50	50
Anti Cycle Time [Seconds]	180	180
Lag Comp Delay [Seconds]	0	0
N° Defrosts (per 24hrs)	8	8
Maximum Defrost Time [mins]	45	45
Defrost Termination Temp [°C]	8	8
Drain Down Time [mins]	2	2
Fans in Defrost	On	On
Integral Control	Basic	Basic
Trim Heater Control (%)	0	0

NOTES! * 12/12 Trading Conditions

** Set-up data is for guidance only. Final settings to be determined by commissioning contractor.

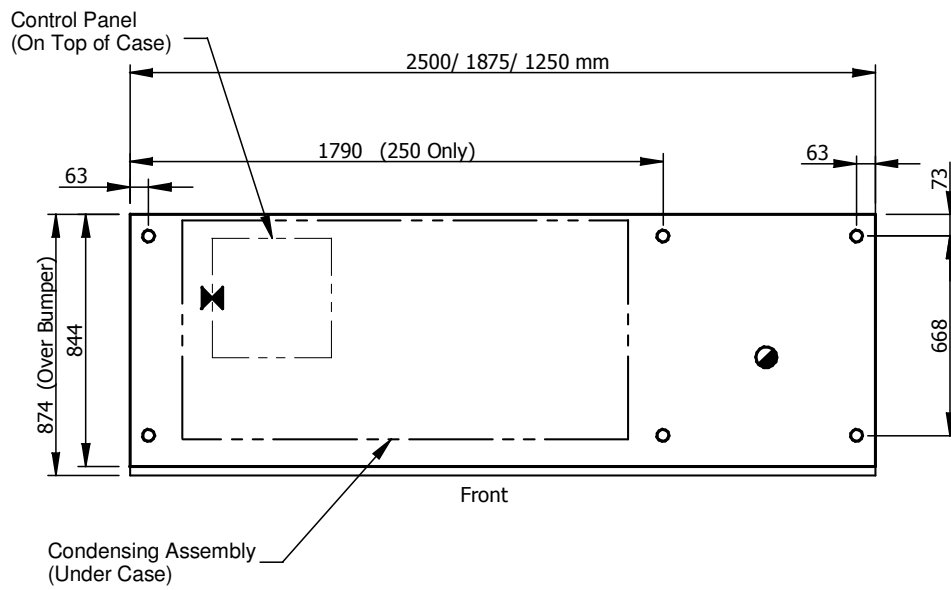
Section Drawing – PB9



Ref:- DS1190-01

Plan Drawing – PB9

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



Plan of Base

Ref:- DP1190-01