

Cabinet Type **Full Height Glass Door**

Model Designation **PC9**

File Reference 1191

Document Issue				
1	02-08-11	LRC	First Issue	
2	10-11-11	LRC	Updated Nett Environmental Effect	
3	16-11-11	LRC	Changed format and updated NEE.	
4	05-01-12	LRC	Updated Refrigerant Charges, Cut in Set points	
5	19-02-13	GR	Shelf Detail Added	
6	21-03-13	LRC	Updated Electrical Supply Requirements	

cabinet **TECHNICAL DATA**

Cabinet Technical Data Sheet – PC9

Product Type	Frozen Food 3L1
Product Temperature	-18°C / -22°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 Kw	4.46	3.79	2.23
Refrigerant Charge per System R1270	2 x 500g	2 x 400g	1 x 500g

Electrical Data (<i>individual loads 230v</i>)	Watts	Amps	Watts	Amps	Watts	Amps
Defrost Heaters	2400	10.4	1800	7.83	1200	5.22
Fans	40	0.17	30	0.13	20	0.9
Trim Heaters	452	1.96	339	1.47	226	0.98
Controller	10	0.04	10	0.04	10	0.04
Lights	67	0.29	52	0.23	37	0.16
Condensing unit (Compressors and Fans)	2541	11.04	2352	10.23	1274	5.54

Electrical Data (@230V 1ph 50Hz)	Watts	Amps	Watts	Amps	Watts	Amps
Maximum Load Normal Running	3110	13.52	2783	12.1	1567	6.81
Maximum Load – Electric Defrost	2929	12.73	2201	9.57	1473	6.40

Miscellaneous Data

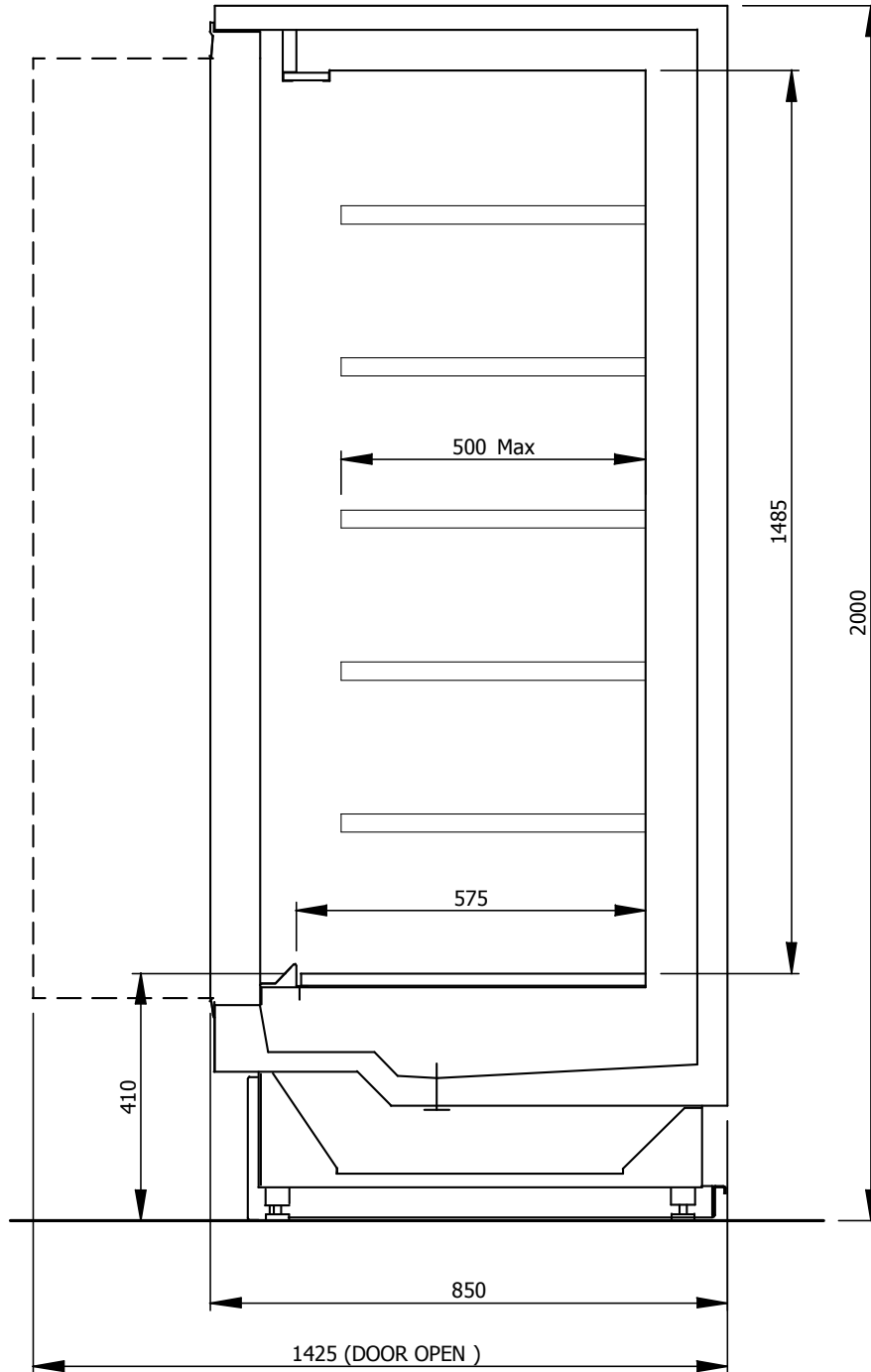
HC Gas Detection	CPC	CPC	CPC
Condensate Pump	Yes	Yes	Yes
Control Panel	Top of Case LHS		
Electrical Connections	Top Rear of Cabinet LHS 16A Commando Plug		

Set-Up Data**	Frozen	Ice Cream
Cut in Temperature [°C]	-24	-27
Differential [K]	2	2
Cabinet Temperature Ratio (%)	50	50
Anti Cycle Time [Seconds]	180	180
Lag Comp Delay [Seconds]	60	60
N° Defrosts (per 24hrs)	4	4
Maximum Defrost Time [mins]	45	45
Defrost Termination Temp [°C]	1	1
Drain Down Time [mins]	2	2
Fans in Defrost	Off	Off
Integral Control	Basic	Basic
Trim Heater Control (%)	60	60

NOTES! * 12/12 Trading Conditions

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

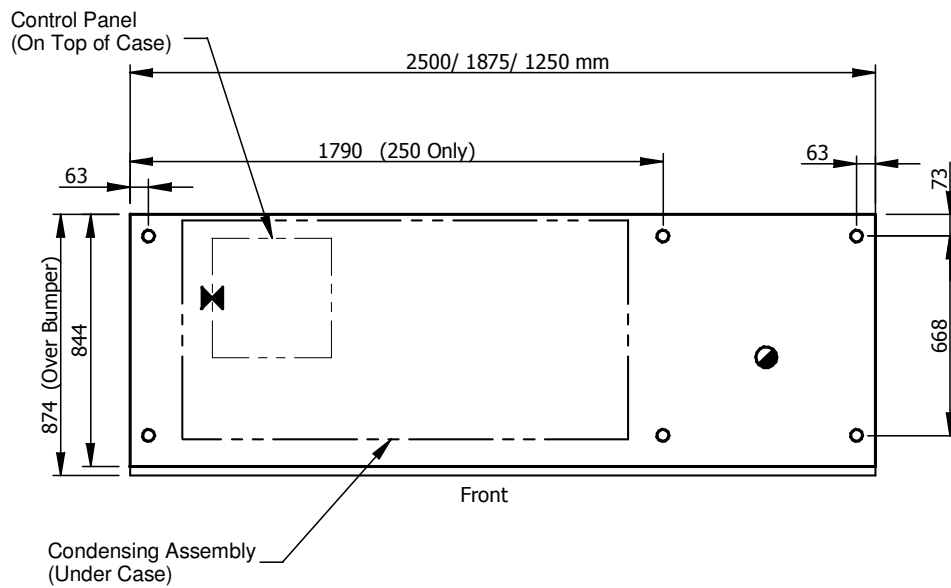
Section Drawing – PC9



Ref:- DS1191-01

Plan Drawing – PC9

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



Plan of Base

Ref:- DP1191-01