

Case Type	Multi- Deck			
Model Designation	SD3			
File Reference	1123			
Document Issue	1	14.02.11	GR	Provisional Issue
	2	03.11.11	LRC	Added R407A Expansion valve application.

cabinet **TECHNICAL DATA**

Cabinet Technical Data Sheet – SD3

Product Type	Chilled / 3M1
Product Temperature	-1 / +5 °C
Maximum Design Ambient	20°C @ 60%RH

Case Length [m]	1505	1005
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Refrigeration Data

Refrigeration Duty (per 24hrs) [kW]	2.1	1.4
Evaporating Temperature [°C]	-5	-5
R407A AKV Expansion Valve Size	10-4	10-3
R407A T2 Orifice Size	2	1
R404A AKV Expansion Valve Size	10-4	10-3
R404A T2 Orifice Size	2	1
Evaporator Liquid Capacity @ 25% R404A* [kg]	0.8	0.5
Refrigeration Pipe Tail – Liquid	3/8"	3/8"
Refrigeration Pipe Tail – Suction	1/2"	1/2"

Electrical Data (@ 230V 50Hz)

	Watts	Amps	Watts	Amps
Defrost Heaters	1400	6.09	900	3.78
Fans	96	0.42	64	0.28
Solenoid Valve / Controller	10	0.04	10	0.14
Lights	40	0.16	35	0.15
Maximum Load – Electric Defrost	1546	6.7	1009	4.3

Miscellaneous Data

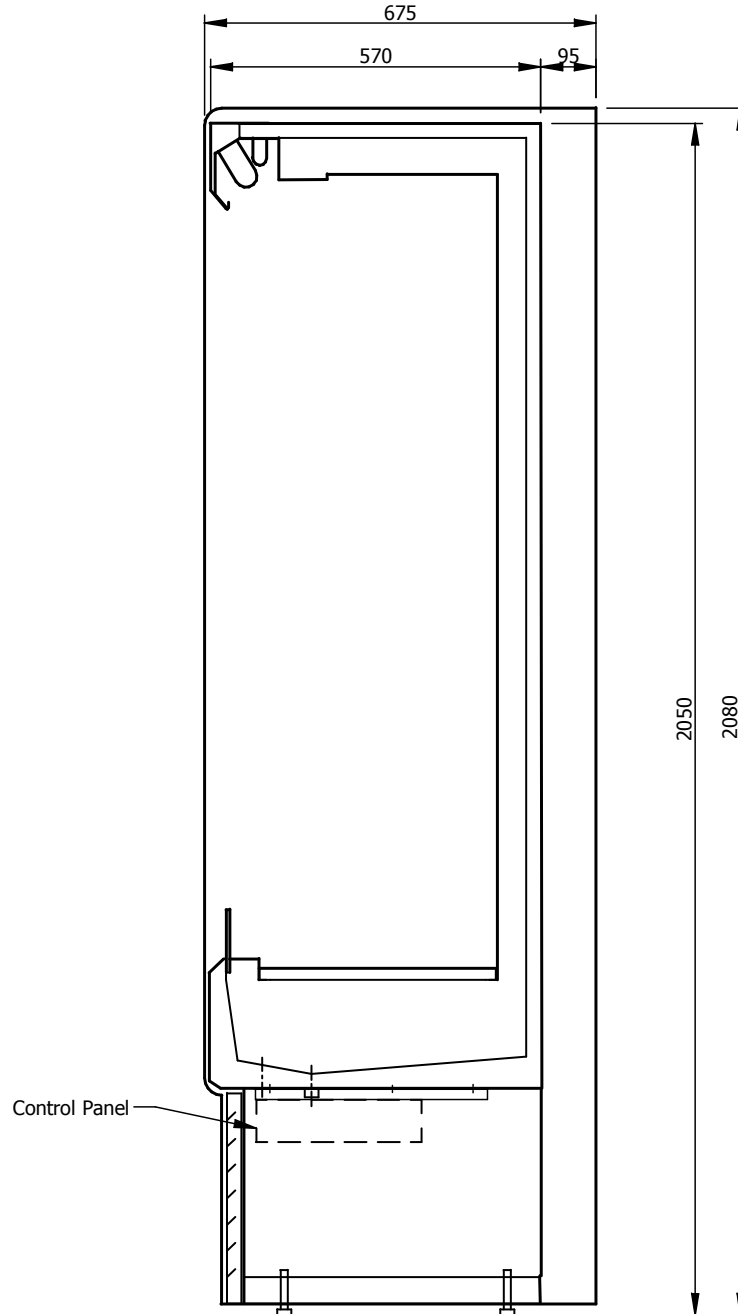
Drain Outlet	32mm
Refrigeration Connections	Bottom RHS
Electrical Connection	Bottom LHS

Set-Up Data**

	Chilled
Type	1
Cut in Temperature [°C]	4
Differential [K]	3
N° Defrosts (per 24hrs)	6
Maximum Defrost Time [mins]	30
Defrost Termination Temp (air off) [°C]	9
Drain Down Time [mins]	1.5
Fans in Defrost	On
Cabinet Temperature Ratio (%)	50
Superheat [K]	5

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

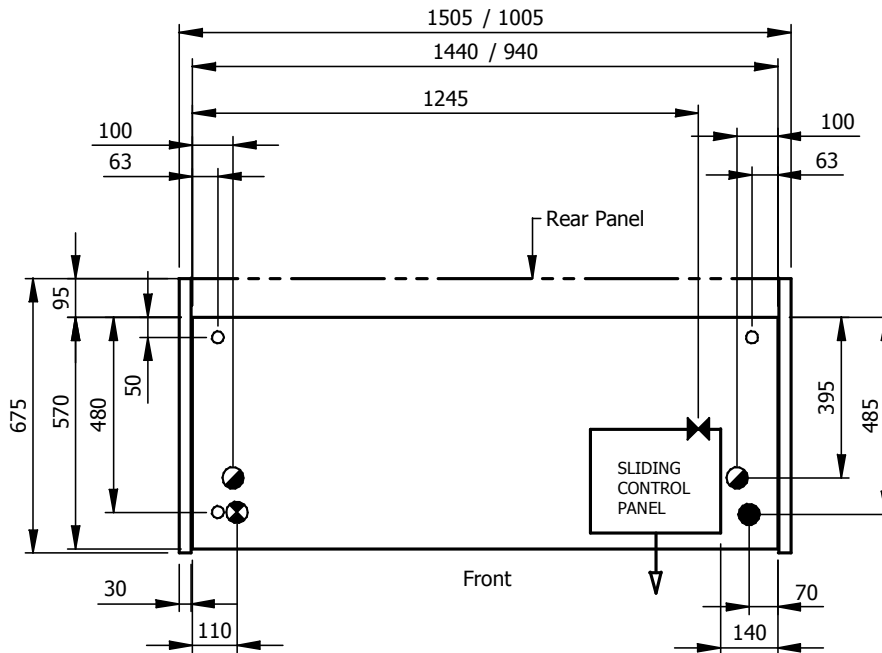
Section Drawing – SD3



Ref:- DS1123-01

Plan Drawing – SD3

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



Plan of Base

Ref:- DP1123-01