

**Case Type**

**Multi- Deck**

**Model Designation**

**SD2**

**File Reference**

1089

**Document Issue**

1	18.09.08	AG	New Format Data sheet- Provisional Issue
2	30.09.08	AG	Tech Data
3	29.03.10	LRC	R744 Data

cabinet **TECHNICAL DATA**

## Cabinet Technical Data Sheet – SD2

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

Case Length [m]	1505	1005
-----------------	------	------

### Refrigeration Data

Refrigeration Duty (per 24hrs) [kW]	2.1	1.4
Evaporating Temperature [°C]	-3	-3
Orifice Plate	1.8mm	1.5mm
Solenoid Valve (R744)	EVRH6	EVRH6
Evaporator Liquid Capacity @ 90% R744 [kg]	2.54	1.63
Evaporator Liquid Capacity @ 25% R744 [kg]	0.71	0.45
Refrigeration Pipe Tail – Liquid	3/8"	3/8"
Refrigeration Pipe Tail – Suction	3/8"	3/8"

### 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 / Contoller	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

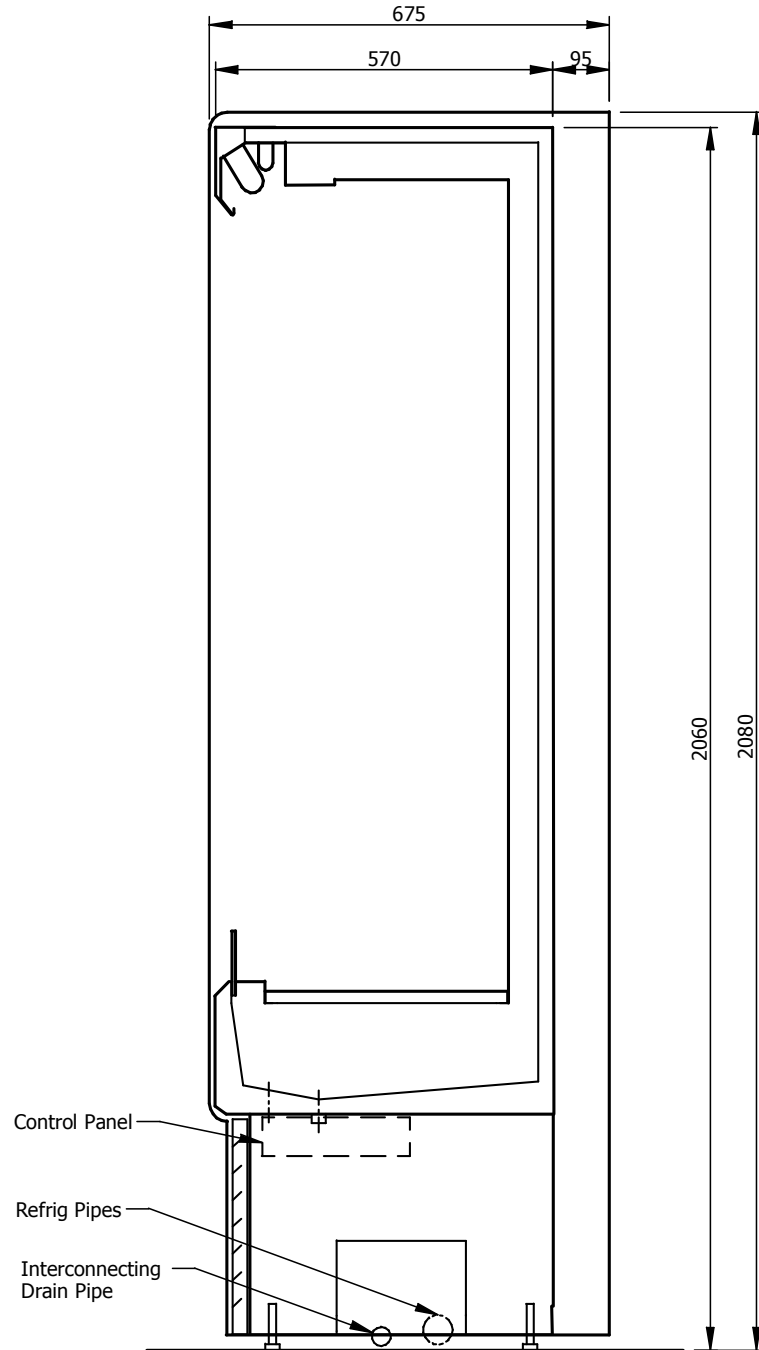
### Set-Up Data\*\*

	Chilled
Cut in Temperature [°C]	1.5
Differential [K]	0.5
N° Defrosts (per 24hrs)	4
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!

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

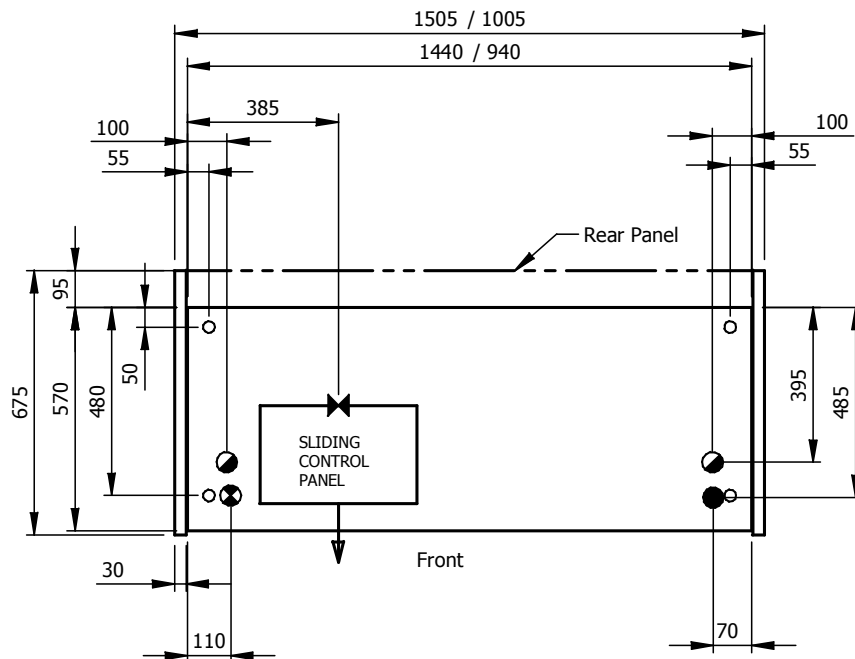
**Section Drawing – SD2**



Ref:- DS1089-01

**Plan Drawing – SD2**

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



Plan of Base

Ref: - DP1089-01