

Cabinet Type

Combined Half Glass over Well

Model Designation

GCK

File Reference

1207

Document Issue

1	16-05-12	LRC	First Issue
2	27-07-12	LRC	Update Electrical Loads
3	07-03-13	LRC	Update Cut in Cut out Temperatures
4	17-04-13	LRC	Updated R404A Expansion Valves

cabinet **TECHNICAL DATA**

Cabinet Technical Data Sheet – GCK

Product Type	Frozen Food
Product Temperature	-18°C / -22°C
Maximum Design Ambient	25°C 60%RH

Case Length [m]	3.75	2.50	2.1 WAE
-----------------	------	------	---------

Refrigeration Data

Refrigeration Duty (per 24hrs) [kW] ISO3	2.63	1.75	1.47
Evaporating Temperature [°C] – L1	-35	-35	-35
Nett Environment Cooling Effect [kW]	1.31	0.89	0.89
R404A AKV Expansion Valve Size	10-5	10-4	10-4
R404A TEV T2 Orifice Size	3	2	2
R407F AKV Expansion Valve Size	10-4	10-3	10-3
R407F TEV T2 Orifice Size	3	2	2
Evaporator Liquid Capacity @ 25% R404A [kg]	4	2.6	2.22
Refrigeration Pipe Tail – Liquid	3/8"	3/8"	3/8"
Refrigeration Pipe Tail – Suction	7/8"	7/8"	7/8"

Electrical Data (@ 230V 50Hz)

	Watts	Amps	Watts	Amps	Watts	Amps
Defrost Heaters	4000	17.39	2800	12.17	2400	10.43
Fans	147	0.64	98	0.43	75	0.33
Trim Heaters	808	3.51	539	2.34	480	2.09
Solenoid Valve / Controller	10	0.04	10	0.04	10	0.04
Nualight Lights (LED Frame & Lower Canopy)	130	0.56	90	0.39	68	0.30
Maximum Load – Electric Defrost	5095	22.14	3537	15.37	3033	13.19

Miscellaneous Data

Refrigeration Connections	Top of Cabinet LHS
Electrical Connection	Underside of Cabinet LHS

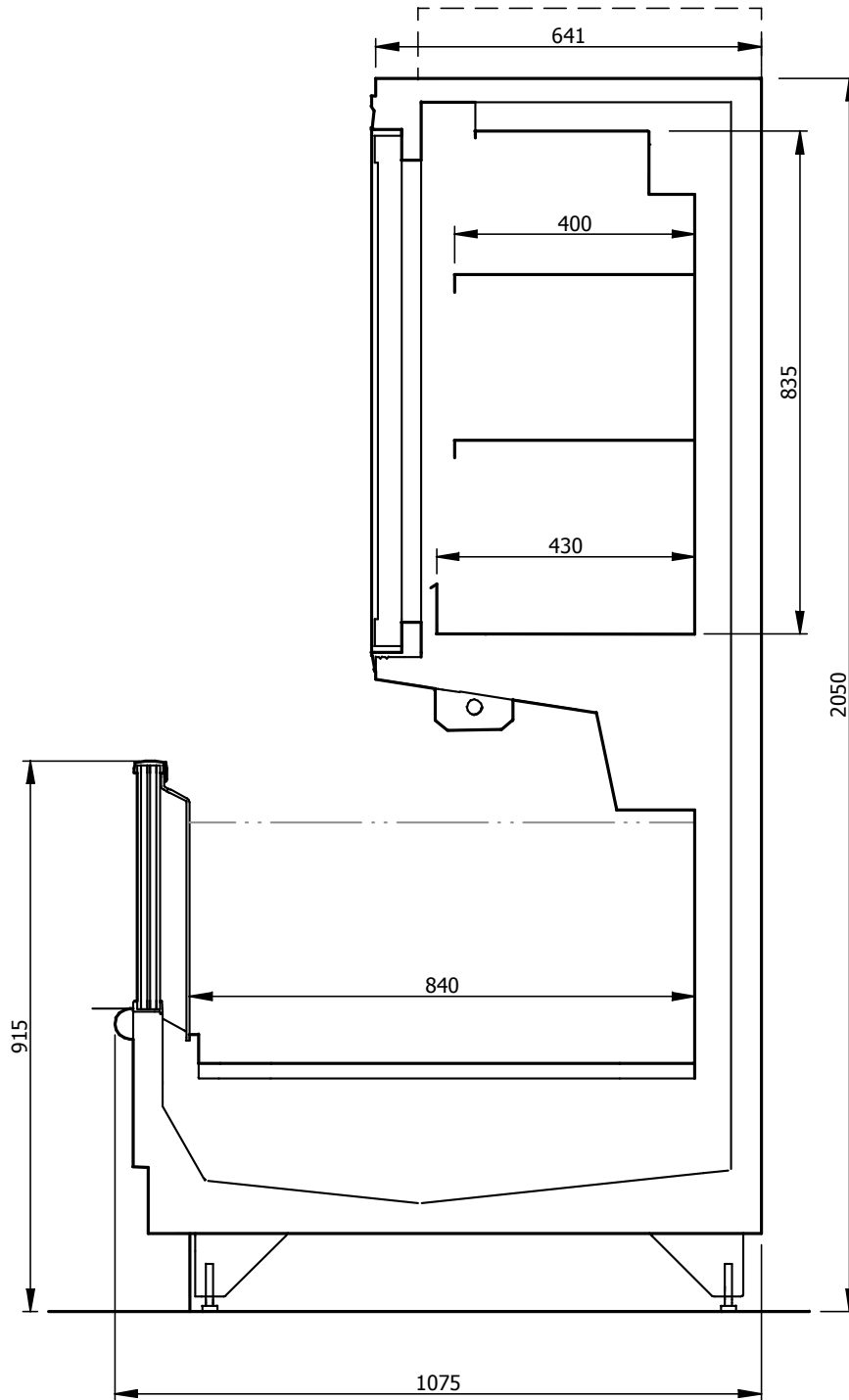
Set-Up Data**

	Electric Defrost
Cut in Temperature [°C]	-22
Cut out Temperature [°C]	-23
N° Defrosts (per 24hrs)	2
Maximum Defrost Time [mins]	45
Defrost Termination Temp (air off) [°C]	7
Drain Down Time [mins]	3
Fans in Defrost	On
Cabinet Temperature Ratio (%)	50
Superheat [K]	5
Trim Heater Control (%)	60

NOTES!

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

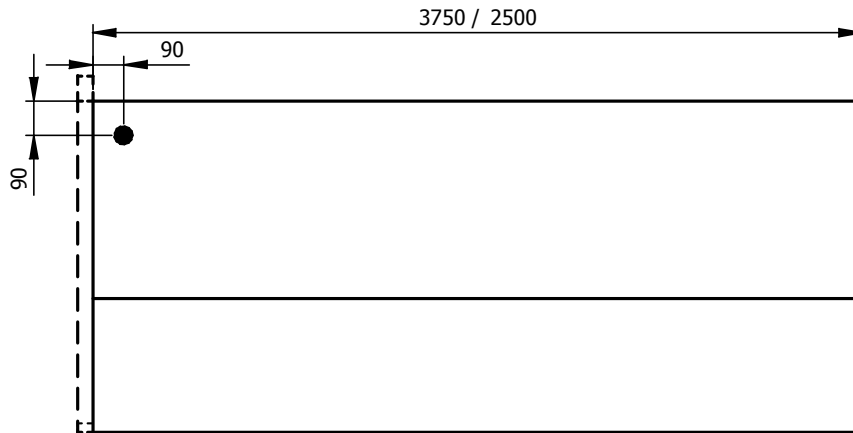
Section Drawing – GCK



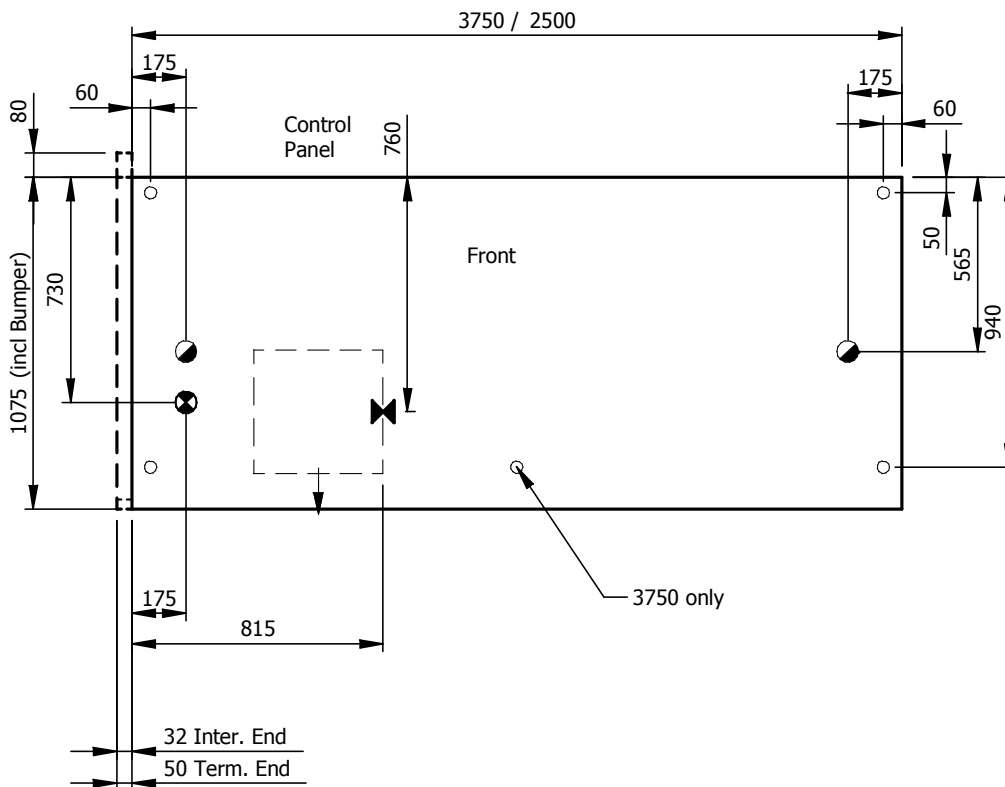
Ref:- DS1159-01

Plan Drawing – GCK

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



Plan of Top

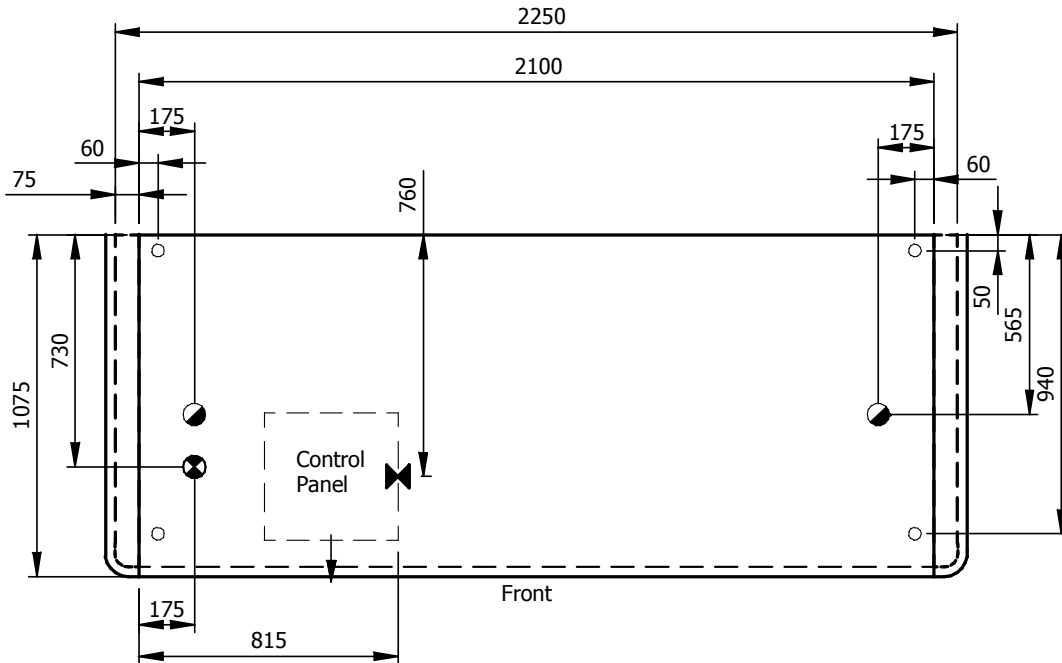


Plan of Base

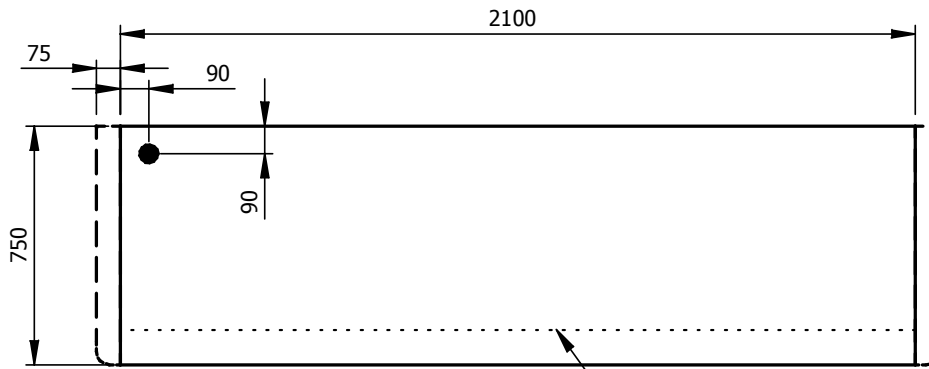
Ref:- DP1159-01

Plan Drawing – GCK WAE

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



Plan of Base



Plan of top

Pipe Upstand

Ref:- DP1195 WAE