

| | | | | |
|--------------------------|--------------------------------------|----------|-----|--------------------------------------|
| Cabinet Type | Combined Half Glass over Well | | | |
| Model Designation | GCT | | | |
| File Reference | 1233 | | | |
| Document Issue | 1 | 02-01-13 | LRC | First Issue |
| | 2 | 18-02-13 | GR | Layout Updated To Top Entry Pipework |
| | 3 | 07-03-13 | LRC | Update Cut in Cut out Temperatures |

cabinet **TECHNICAL DATA**

Cabinet Technical Data Sheet – GCT

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

| | | | |
|------------------------|-------------|-------------|-------------|
| Case Length [m] | 3.75 | 2.50 | 1.87 |
|------------------------|-------------|-------------|-------------|

Refrigeration Data

| | | | |
|---|------|------|------|
| Refrigeration Duty (per 24hrs) [kW] ISO3 | 2.63 | 1.75 | 1.31 |
| Evaporating Temperature [°C] – L1 | -35 | -35 | -35 |
| Nett Environment Cooling Effect [kW] | 0.66 | 0.44 | 0.33 |
| R404A TS 2 Expansion Valve Orifice Size | 3 | 2 | 2 |
| R404A AKV Expansion Valve Size | 10-5 | 10-4 | 10.3 |
| Evaporator Liquid Capacity @ 25% R404A [kg] | 4.0 | 2.6 | 2.0 |
| 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 | 2000 | 8.69 |
| Fans | 147 | 0.64 | 98 | 0.43 | 75 | 0.32 |
| Trim Heaters | 1073 | 4.66 | 680 | 2.95 | 521 | 2.26 |
| Solenoid Valve / Controller | 10 | 0.04 | 10 | 0.04 | 10 | 0.04 |
| Lights Phillips LED's Frame and Under Belly | 127 | 0.55 | 89 | 0.39 | 73 | 0.32 |
| Maximum Load – Electric Defrost | 5357 | 23.28 | 3677 | 15.98 | 2679 | 11.63 |

Electrical Data (@400V 3ph 50Hz)

| | L1 | L2 | L3 | L1 | L2 | L3 | L1 | L2 | L3 |
|---------------------------------|-----|----|----|-----|----|----|-----|-----|-----|
| Maximum Load – Electric Defrost | 5.9 | 9 | 9 | 3.8 | 6 | 6 | 2.9 | 4.4 | 4.4 |

Miscellaneous Data

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

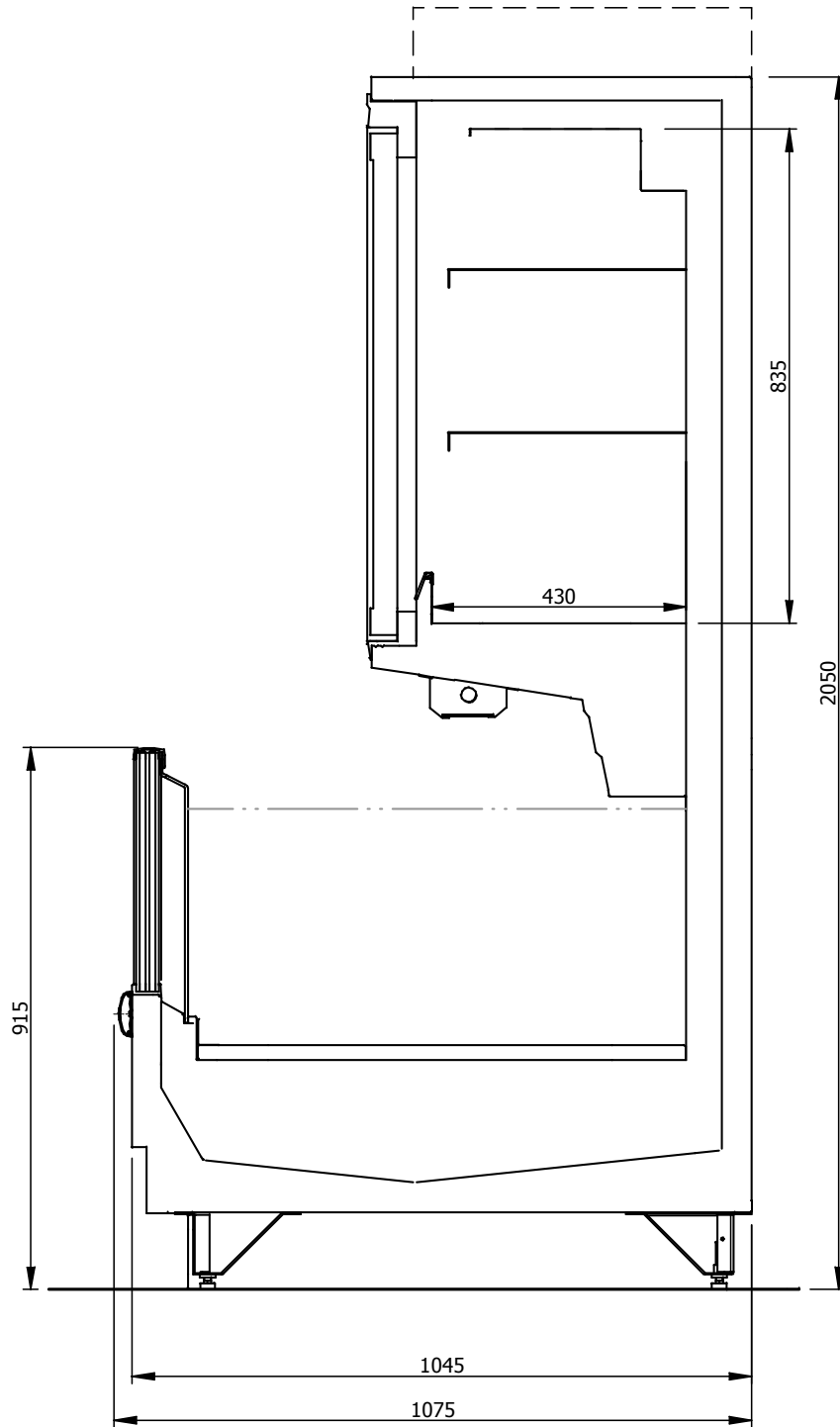
Set-Up Data**

| | Electric Defrost |
|---|------------------|
| Cut in Temperature [°C] | -22 |
| Cut out Temperature [°C] | -24 |
| N° Defrosts (per 24hrs) | 2 |
| Maximum Defrost Time [mins] | 45 |
| Defrost Termination Temp (air off) [°C] | 7 |
| Drain Down Time [mins] | 2 |
| 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.

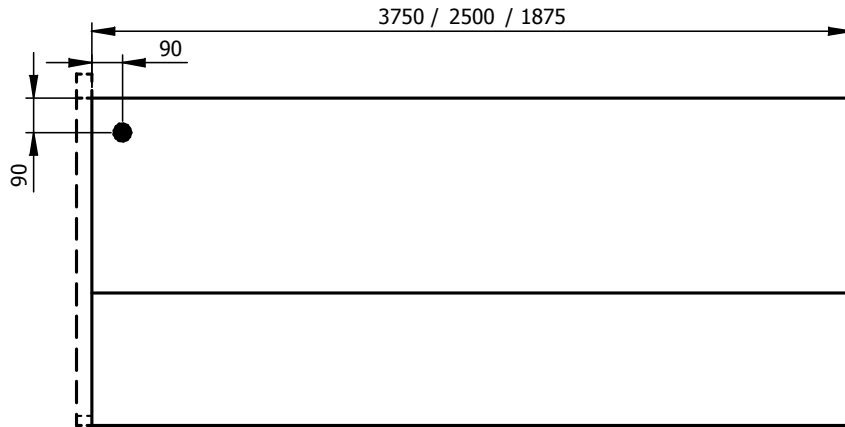
Section Drawing – GCT



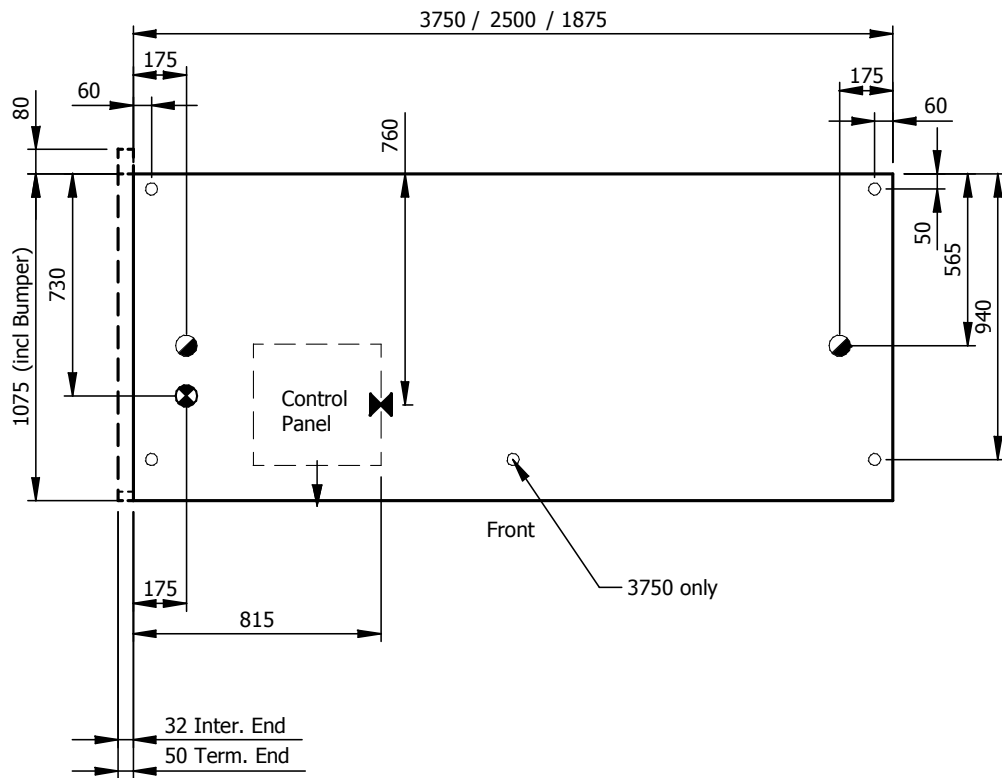
Ref:- DS1098-02

Plan Drawing – GCT

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



Plan of Top



Plan of Base

Ref:- DP1159-01