

Cabinet Type **Combined Half Glass over Well**

Model Designation **GC7**

File Reference 1134

| | | | | |
|-----------------------|---|----------|-----|--|
| Document Issue | 1 | 18-02-10 | LRC | First Issue EcoClear Doors and R744 |
| | 2 | 17-03-10 | LRC | Update on Valve Size and Liquid Capacity |
| | 3 | 07-03-13 | LRC | Update on Cut in Cut out Temperatures |

cabinet **TECHNICAL DATA**

Cabinet Technical Data Sheet – GC7

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

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

Refrigeration Data

| | | |
|--|-------|------|
| Refrigeration Duty (per 24hrs) [kW] ISO3 | 2.63 | 1.75 |
| Evaporating Temperature [°C] – L1 | -32 | -32 |
| Evaporating Temperature [°C] – L2 | -29 | -29 |
| R744 AKV Expansion Valve Size | 10-3 | 10-2 |
| Nett Environment Cooling Effect [kW] | | |
| Evaporator Liquid Capacity @ 90% R744 [kg] | 12.27 | 8.00 |
| Evaporator Liquid Capacity @ 25% R744 [kg] | 3.41 | 2.22 |
| 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 | 4000 | 17.39 | 2800 | 12.17 |
| Fans | 147 | 0.64 | 98 | 0.43 |
| Trim Heaters | 808 | 3.51 | 539 | 2.34 |
| Solenoid Valve / Controller | 10 | 0.04 | 10 | 0.04 |
| Lights (LED Frame & Lower Canopy) | 159 | 0.69 | 107 | 0.47 |
| Maximum Load – Electric Defrost | 5124 | 22.27 | 3554 | 15.45 |

Miscellaneous Data

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

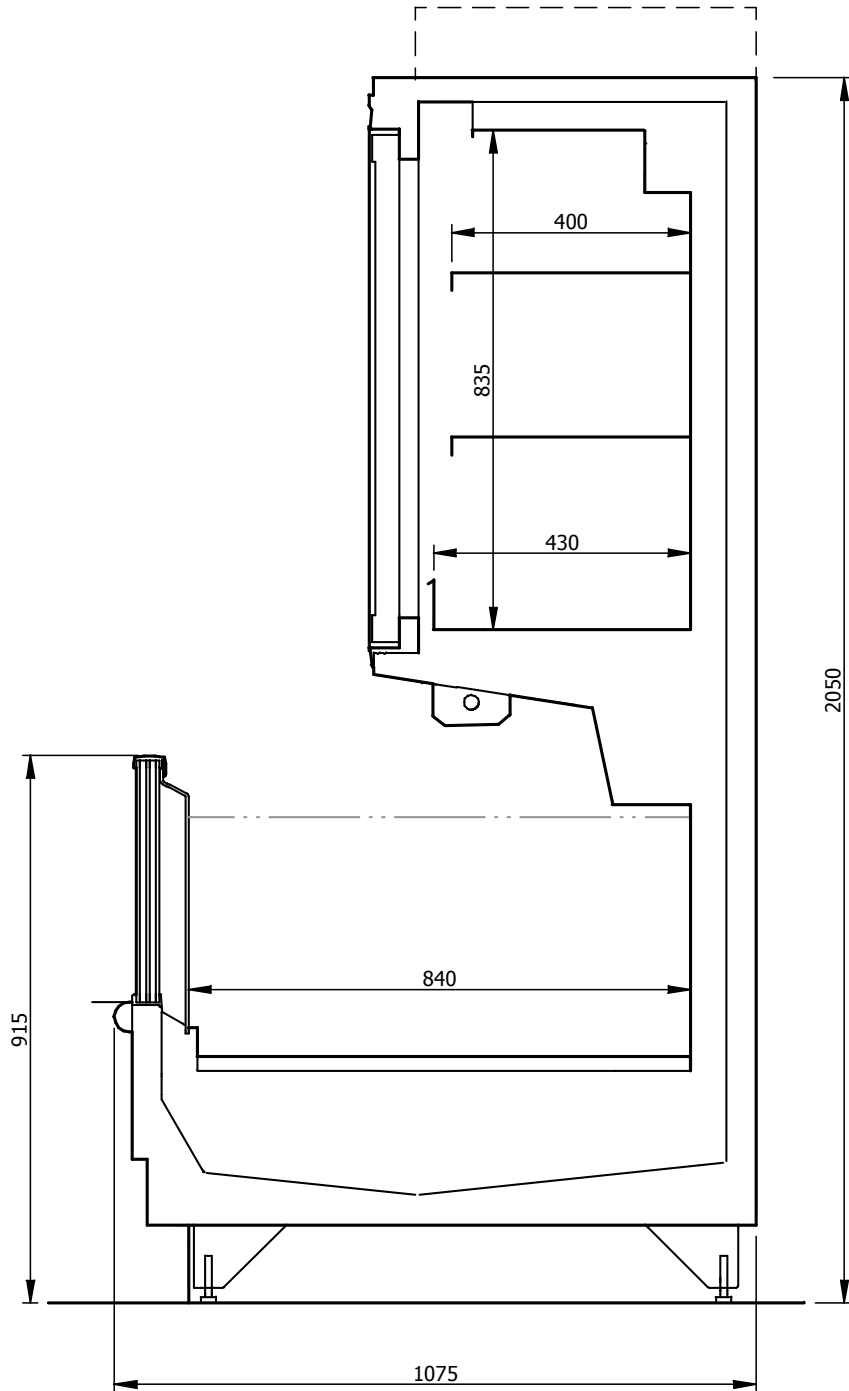
Set-Up Data**

| | 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] | 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.

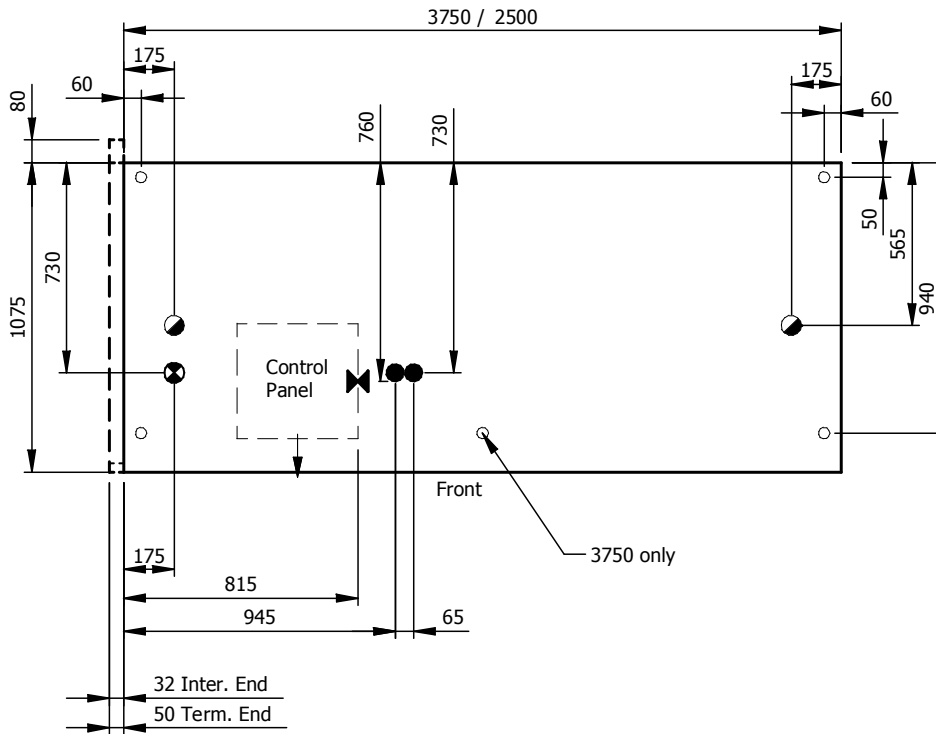
Section Drawing – GC7



Ref:- DS1115-01

Plan Drawing – GC7

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



Plan of Base

Ref:- DP1115-01