

| | | | | |
|--------------------------|------------------------------|----------|-----|--|
| Case Type | Frozen Food Well Case | | | |
| Model Designation | WB2 | | | |
| File Reference | 1240 | | | |
| Document Issue | 1 | 24.04.13 | AG | First Issue |
| | 2 | 10.05.13 | LRC | Updated duties and evaporating Temperature |

cabinet **TECHNICAL DATA**

Cabinet Technical Data Sheet – WB2 Frozen Food

| | |
|------------------------|-------------------|
| Product Type | Frozen Food / 3L1 |
| Product Temperature | -18°C |
| Maximum Design Ambient | 25°C 60%RH |

| | |
|------------------------|--------------|
| Case Length [m] | 1.775 |
|------------------------|--------------|

Refrigeration Data

| | |
|---|----------|
| Refrigeration Duty (per 24hrs) [kW] | 0.95 |
| Evaporating Temperature [°C] | -34 |
| Nett Environment Cooling Effect [kW] | TBA |
| R404A AKV Expansion Valve Size | AKV 10-2 |
| R404A T2 Orifice Size | No1 |
| Evaporator Liquid Capacity @ 25% R404A [kg] | 1.90 |
| Refrigeration Pipe Tail – Liquid | 3/8" |
| Refrigeration Pipe Tail – Suction | 5/8" |

Electrical Data (@ 230V 50Hz)

| | Watts | Amps |
|---------------------------------|-------|------|
| Defrost Heaters | 1590 | 6.9 |
| Fans | 54 | 0.23 |
| Trim Heaters | 280 | 1.22 |
| Solenoid Valve / Controller | 10 | 0.04 |
| Maximum Load – Electric Defrost | 1934 | 8.4 |

| | L1 | L2 | L3 |
|-------|-----|------|------|
| Watts | 344 | 795 | 795 |
| Amps | 1.5 | 3.45 | 3.45 |

Miscellaneous Data

| | |
|---------------------------|-----------------------|
| Drain Outlet | 32mm plastic x1 |
| Refrigeration Connections | Underside of Case LHS |
| Electrical Connection | Underside of Case LHS |

Set-Up Data**

| | Electric Defrost |
|---|------------------|
| Cut in Temperature [°C] | -23 |
| Differential [K] | 1 |
| N° Defrosts (per 24hrs) | 3 |
| Maximum Defrost Time [mins] | 45 |
| Defrost Termination Temp (air off) [°C] | 8 |
| Drain Down Time [mins] | 3 |
| Fans off on Defrost | No |
| Cabinet Temperature Ratio (%) | 50 |
| Superheat [K] | 5 |

NOTES!

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

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| Case Length [m] | 1.775 |
|------------------------|--------------|

Refrigeration Data

| | |
|--|----------|
| Refrigeration Duty (per 24hrs) [kW] | 0.95 |
| Evaporating Temperature [°C] | -31 |
| Nett Environment Cooling Effect [kW] | TBA |
| R744 AKV Expansion Valve Size | AKV 10-1 |
| Evaporator Liquid Capacity @ 90% R744 [kg] | 5.91 |
| Evaporator Liquid Capacity @ 25% R744 [kg] | 1.64 |
| Refrigeration Pipe Tail – Liquid | 3/8" |
| Refrigeration Pipe Tail – Suction | 1/2" |

Electrical Data (@ 230V 50Hz)

| | Watts | Amps |
|---------------------------------|-------|------|
| Defrost Heaters | 1590 | 6.9 |
| Fans | 54 | 0.23 |
| Trim Heaters | 280 | 1.22 |
| Solenoid Valve / Controller | 10 | 0.04 |
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Miscellaneous Data

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| Drain Outlet | 32mm plastic x1 |
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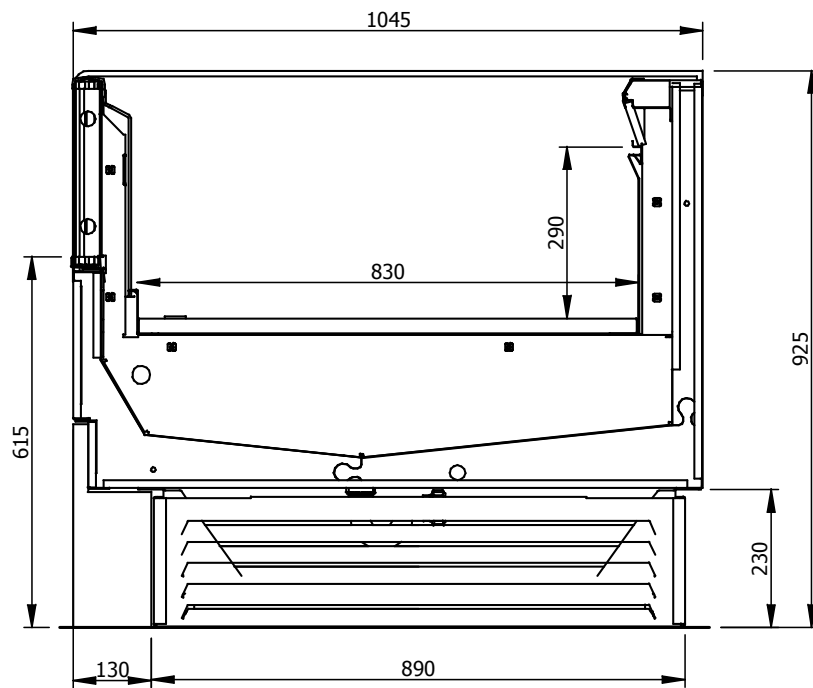
Set-Up Data**

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| Drain Down Time [mins] | 3 |
| Fans off on Defrost | No |
| Cabinet Temperature Ratio (%) | 50 |
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NOTES!

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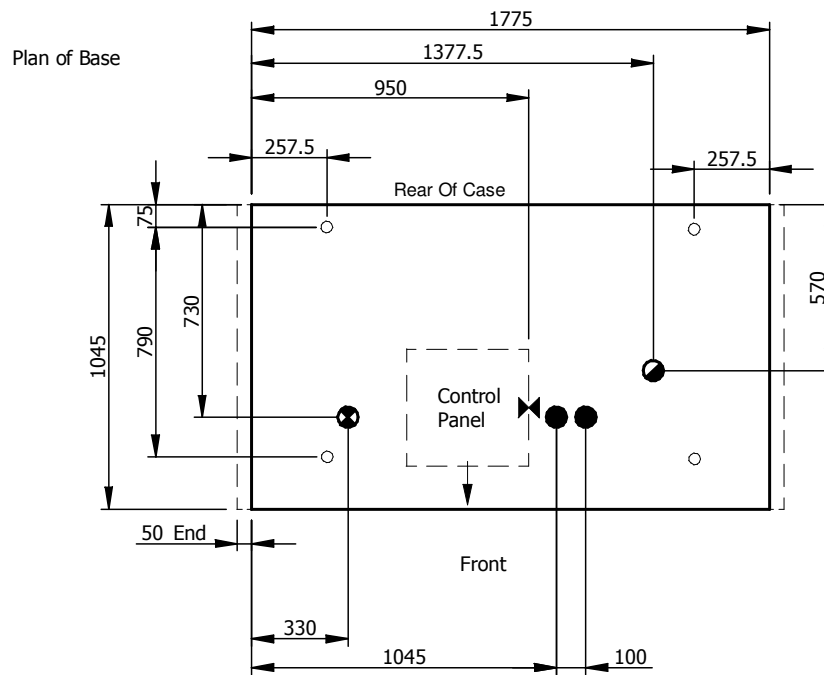
Section Drawing – WB2



Ref:- DS1240

Plan Drawing – WB2

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



Ref:- DP1240