

Cabinet Type **Frozen Food Well**

Model Designation **WB1**

File Reference 1070

Document Issue	1	09.01.08	AG	First Issue
	2	13.02.13	GR	1775mm Case Variant Added
	3	22-02-13	LRC	1775mm Case Technical data added.
	4	25-02-13	LRC	1.775m Case CO2 Provisional data
	5	27-03-13	LRC	Updated AKV sizes for R744

cabinet **TECHNICAL DATA**

Cabinet Technical Data Sheet – WB1

Product Type Frozen Food / 3L1
Product Temperature -18°C

Case Length [m]	1.775	WAE
Refrigeration Duty (per 24hrs) [kW]	0.95	1.0
Evaporating Temperature [°C] R404A	-34	-34
Evaporating Temperature [°C] R744 (CO2)	-31	-31
R744 AKV Expansion Valve Size	AKVH 10-1	AKVH 10-1
R404a AKV Expansion Valve Size	AKV10-2	AKV10-2
R404a T2 Orifice Size	No1	No1
Evaporator Liquid Capacity @ 25% R404a* [kg]	0.77	1.05
Evaporator Liquid Capacity @ 25% R744* [kg]	TBA	TBA
Refrigeration Pipe Tail – Liquid R404A	3/8"	3/8"
Refrigeration Pipe Tail – Suction R404A	5/8"	5/8"
Refrigeration Pipe Tail – Liquid R744 (CO2)	3/8"	3/8"
Refrigeration Pipe Tail – Suction R744 (CO2)	1/2"	1/2"

Electrical Data (@ 230V 50Hz)	Watts	Amps	Watts	Amps
Defrost Heaters	1590	6.9	1590	6.9
Fans	54	0.23	54	0.23
Trim Heaters	200	0.87	280	1.22
Solenoid Valve / Controller	10	0.04	10	0.04
Maximum Load – Electric Defrost	1854	8.1	1934	8.4

Miscellaneous Data

Drain Outlet
Refrigeration Connections Underside Cabinet LHS
Electrical Connection Underside Cabinet LHS

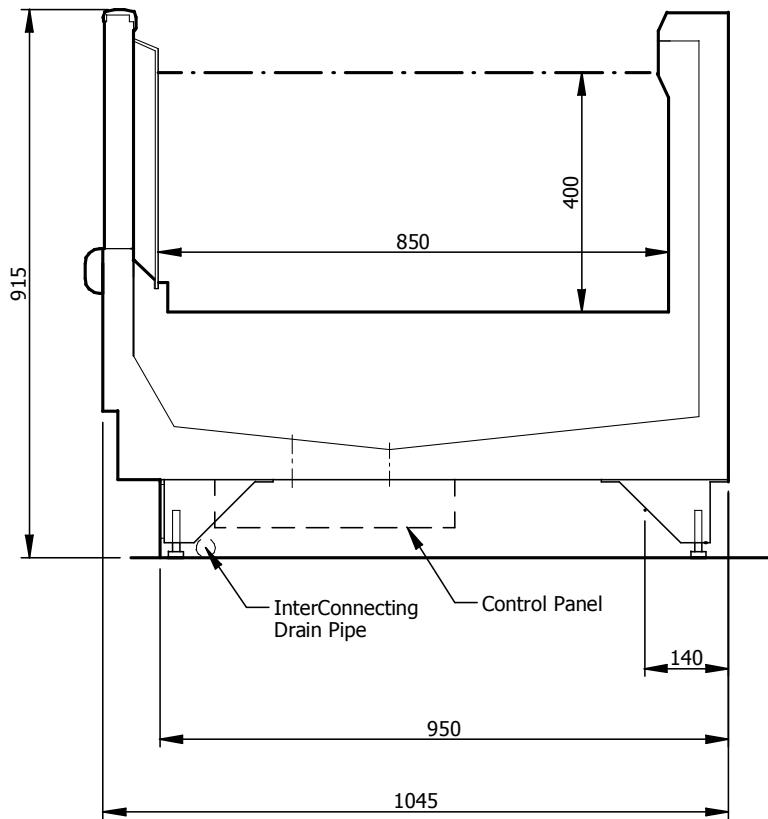
Set-Up Data**

Electric Defrost

Cut in Temperature [°C]	-23
Differential [K] (Above)	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! * for R22 multiply by factor X 0.90
** Set-up data is for guidance only. Final settings to be determined by commissioning contractor.

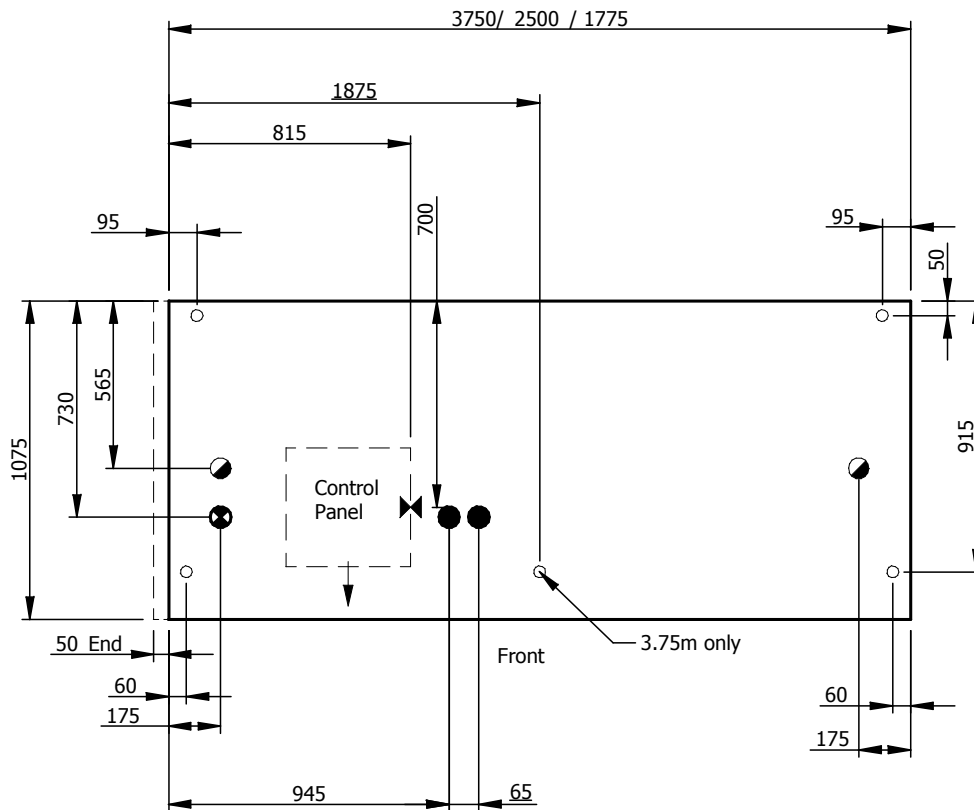
Section Drawing – WB1



Ref:- DS1070-1

Plan Drawing – WB1

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

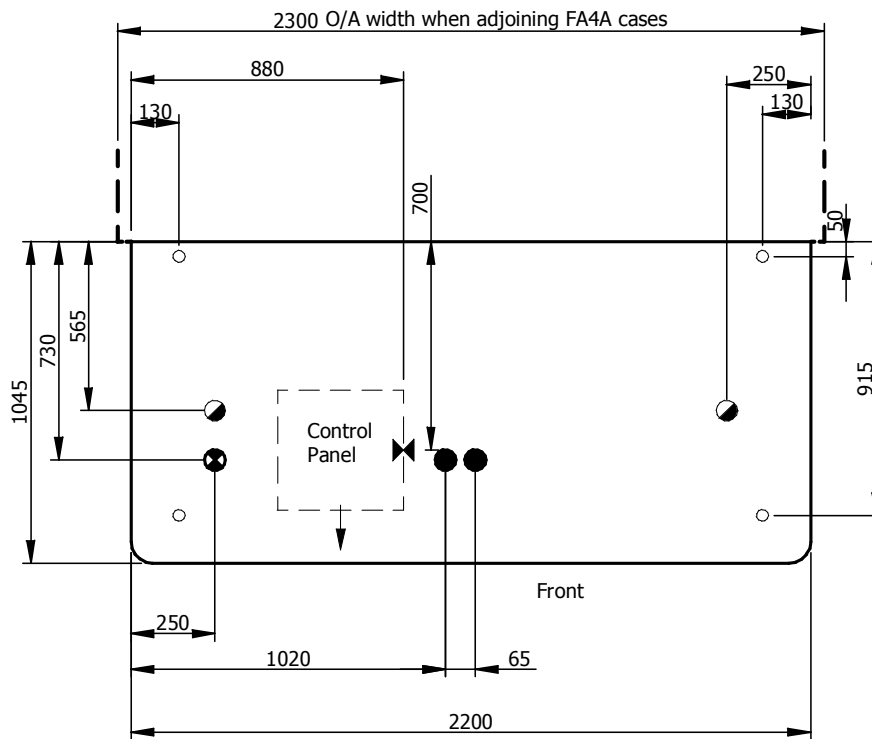


Plan of Base

Ref:- DP1070-1

Plan Drawing – WB1 WAE

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



Plan of Base

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