

Cabinet Type	Multideck Full Height			
Model Designation	ICE			
File Reference	1228			
Document Issue	1	19-10-12	LRC	First Issue
	2	29-11-12	LRC	Expansion Valve update

cabinet **TECHNICAL DATA**

Cabinet Technical Data Sheet – ICE BWS

Product Type	BWS
Product Temperature	+5 °C
Maximum Design Ambient	25°C @ 60%RH

Case Length [m]	3.75	2.50
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Refrigeration Data

Refrigeration Duty (per 24hrs) [kW] ISO3	5.54	3.70
Refrigeration Duty (per 24hrs) [kW] ISO0	4.44	2.96
Evaporating Temperature [°C]	-6	-6
Nett Environment Cooling Effect [kW]	3.45	2.30
R404A Carel Stepper Valve	E2V18	E2V14
Evaporator Liquid Capacity @ 25% R404A [kg]	4.05	2.63
Refrigeration Pipe Tail – Liquid	3/8"	3/8"
Refrigeration Pipe Tail – Suction	7/8"	7/8"

Electrical Data (@ 230V 50Hz)

	Watts	Amps	Watts	Amps
Fans (EC EBM)	42	0.18	28	0.12
Trim Heaters				
Solenoid Valve / Controller	10	0.04	10	0.04
Lights	78	0.34	52	0.23
Maximum Load – Off Cycle Defrost	130	0.56	90	0.39
Night Blind Load (Operation Only)	98	0.43	98	0.43

Miscellaneous Data

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

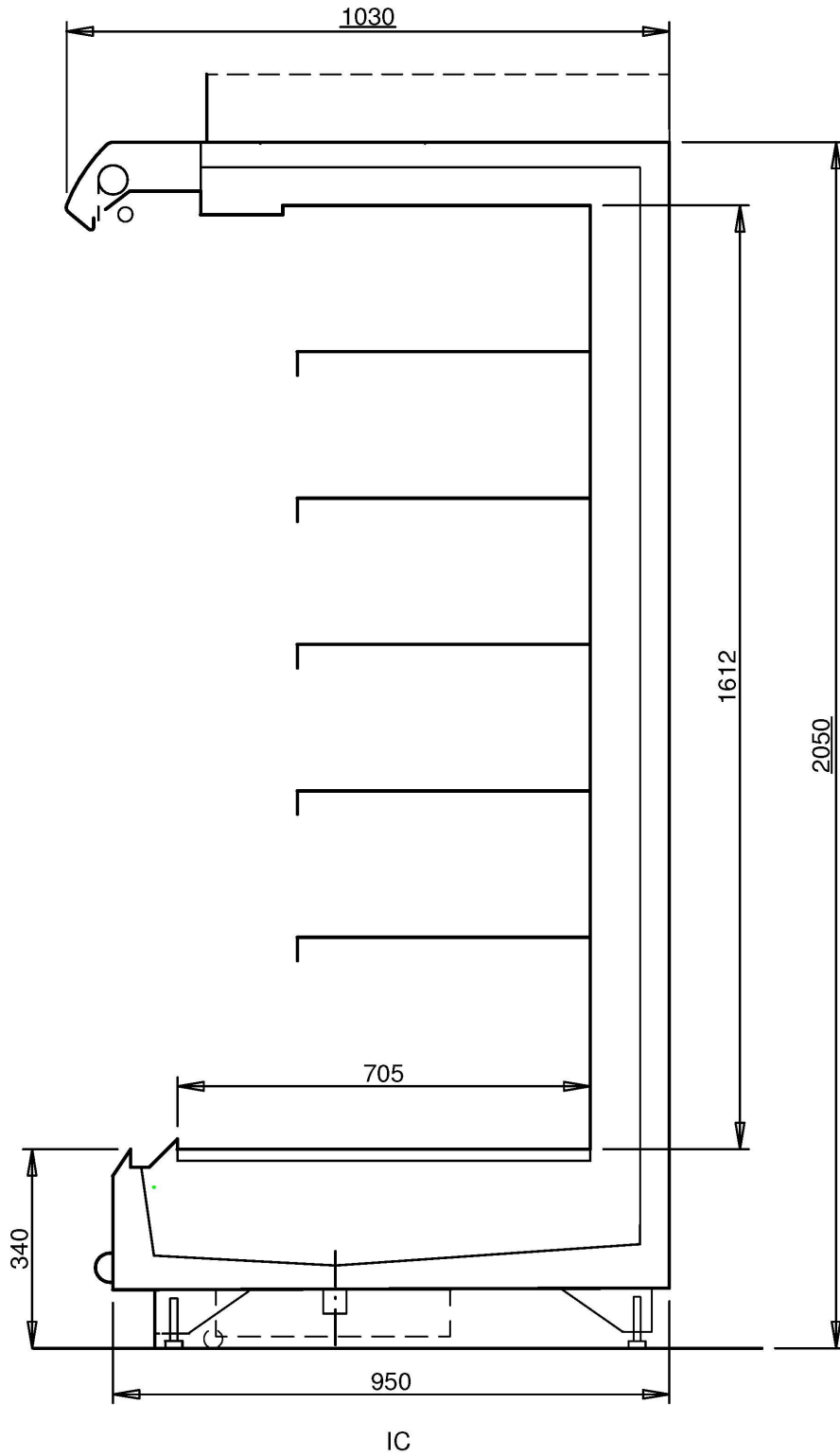
Set-Up Data** O/C Defrost

	BWS
Cut in Temperature [°C]	3
Differential [K]	1
N° Defrosts (per 24hrs)	8
Maximum Defrost Time [mins]	45
Defrost Termination Temp (air off) [°C]	8
Drain Down Time [mins]	1
Fans in Defrost	On
Cabinet Temperature Ratio (%)	50
Superheat [K]	5

NOTES!

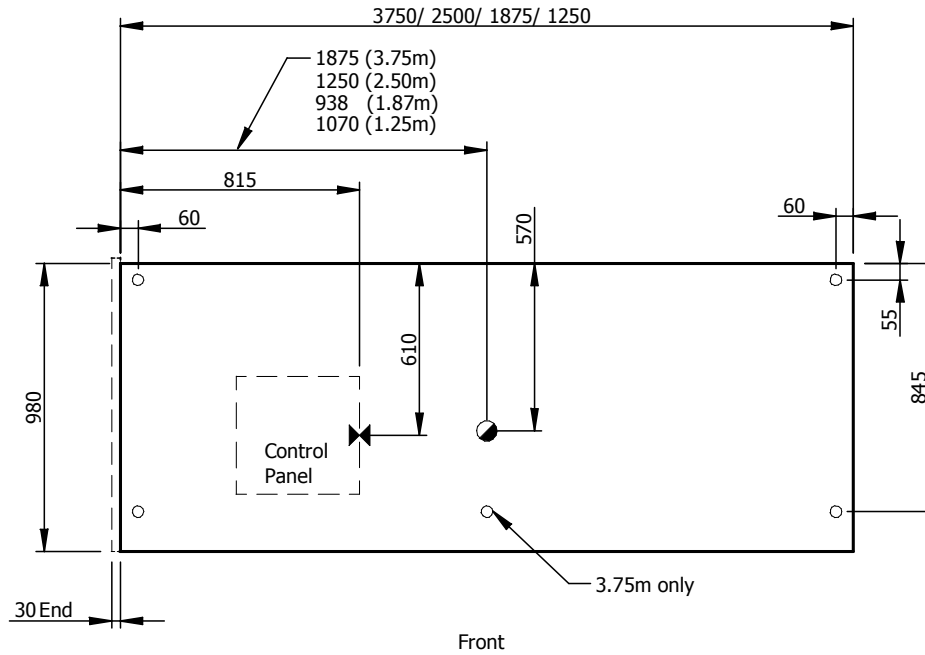
*** Set-up data is for guidance only. Final settings to be determined by commissioning contractor.*

Section Drawing – ICE

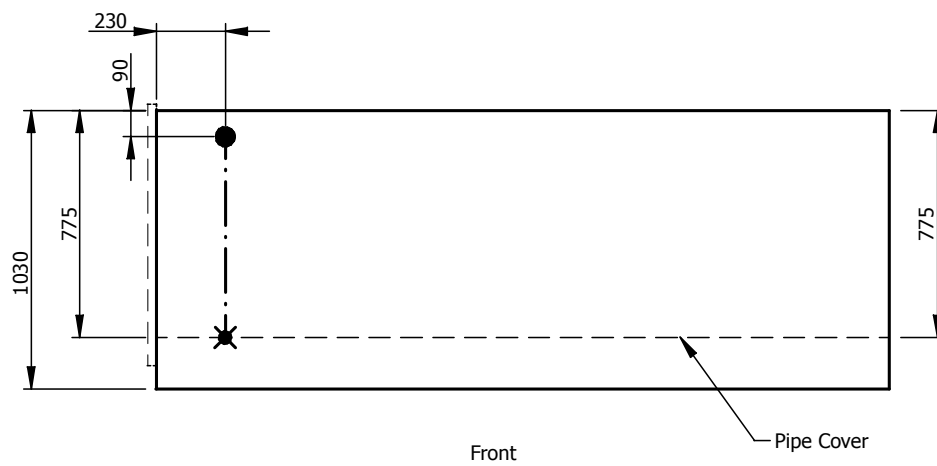


Plan Drawing – ICE

- KEY
- Feet Positions
 - Refrig. Outlets
 - ✕ Refrig Pipe Tails
 - ⊙ Drain Outlets
 - ⊞ Mains Supply



Plan of Base



Plan of Top

Ref DP1079-01