

Cabinet Type	Low Height Multideck		
Model Designation	NHA		
File Reference	NHA-HC AC-1758		
Document Issue	1	25/03/2021	IP

cabinet **TECHNICAL DATA**



RETAIL EQUIPMENT LTD

Cabinet Type	Low Height Multideck
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Contents

Technical Data -HFC Refrigerant	✓
Commissioning Data	✓
Section and Plan	✓
Critical Spares	

Carter Retail Equipment Contacts

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Online Document [NHA_HC_AC_1758](#)

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RETAIL EQUIPMENT LTD

**Cabinet Type –
Model Designation
File Reference**

**Low Height Multideck R1270
NHA
NHA-HC AC-1758**

Product Type

Dairy 3M1 +/-

Product Temperature

1

Maximum Design Ambient

ISO 3 25°C / 60% RH

Case Length [m]		2.5		1.25	2.18 WAE	
Refrigeration Data						
Refrigerant Charge (Gramm's Per System)		1.30		0.65	1.30	
Refrigerant Type		1270		1270	1270	
Nett Environmental Heating Effect (Kw)		2.60		2.78	2.65	
Nett Environment Cooling Effect [kW]		0.00		0.00	0.00	
Evaporating Temperature [°C]		-2.00		-2.00	-2.00	
Capillary (inch)		0.054		0.054	0.054	
Miscellaneous Data						
Refrigeration Connections	Integral					
Electrical Connection (Default Standard)	Underside of Cabinet LHS	230V 50 Hz			N/A	
Drainage Connection	1 Off Central				Gravity / Pumped option	
Condensate Volume ISO 3 Ltr per 24hr	63	42	32	21	37	
Cabinet Weight**	688	459	344	230	400	
Max STD shelf loading	250 Kg/m2		Max Stiffened shelf loading			350 Kg/m2
Standard number of shelves per bay	3		Angle Options (Typical as Standard)			0° / 10° / 20°

**Excludes shelves and end walls

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Cabinet Type
Model Designation
File Reference

Low Height Multideck
NHA
NHA-HC AC-1758 R1270

Product Type Meat 3M0 Dairy 3M1 +5/-
Product Temperature +4/-1 1
Maximum Design Ambient ISO 3 25°C / 60% RH

Case Length [m]	2.5	1.25	2.18 WAE
Electrical Data (@ 230V 50Hz) WATTS	Watts	Watts	Watts
Condensing Unit	1477	739	1288
Lights Canopy/Frame	40	20	35
Fans	28	14	28
Defrost	0	0	0
Trims Frame	0	0	0
Trims Other	0	0	0
Plinth/Ambient Fans	0	0	0
Maximum Load – Off Cycle Defrost*	1545	773	1351

*Option loads not included

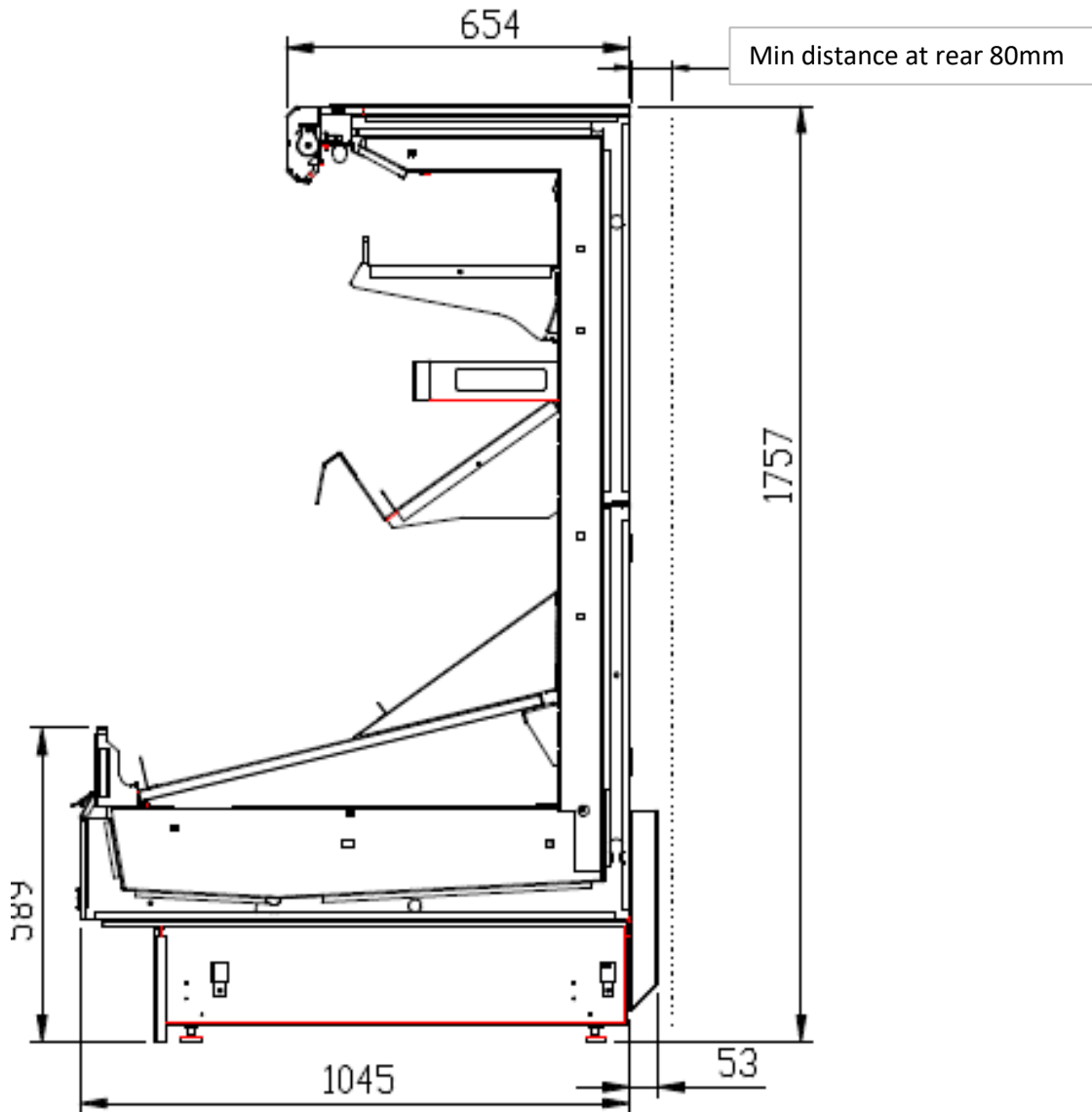
Electrical Data (@ 230V 50Hz) AMPS	Amps	Amps	Amps
Condensing Unit	6.4	3.2	5.60
Lights Canopy/Frame	0.2	0.1	0.15
Fans	0.1	0.1	0.12
Defrost	0.0	0.0	0.00
Trims Frame	0.0	0.0	0.00
Trims Other	0.0	0.0	0.00
Plinth/Ambient Fans	0.0	0.0	0.00
Maximum Load – Off Cycle Defrost*	6.72	3.36	5.87

*Option loads not included

Energy Data	2.5	1.25	2.18 WAE
DEC	28.19	14.09	24.67
HREC	0.00	0.00	0.00
TEC	26.19	13.09	22.89
TDA	4.12	2.06	3.60
TEC/TDA	6.36	6.36	6.36
EEI Rating %	44.45%	37.19%	43.24%
ECO Design Rating	D	D	D

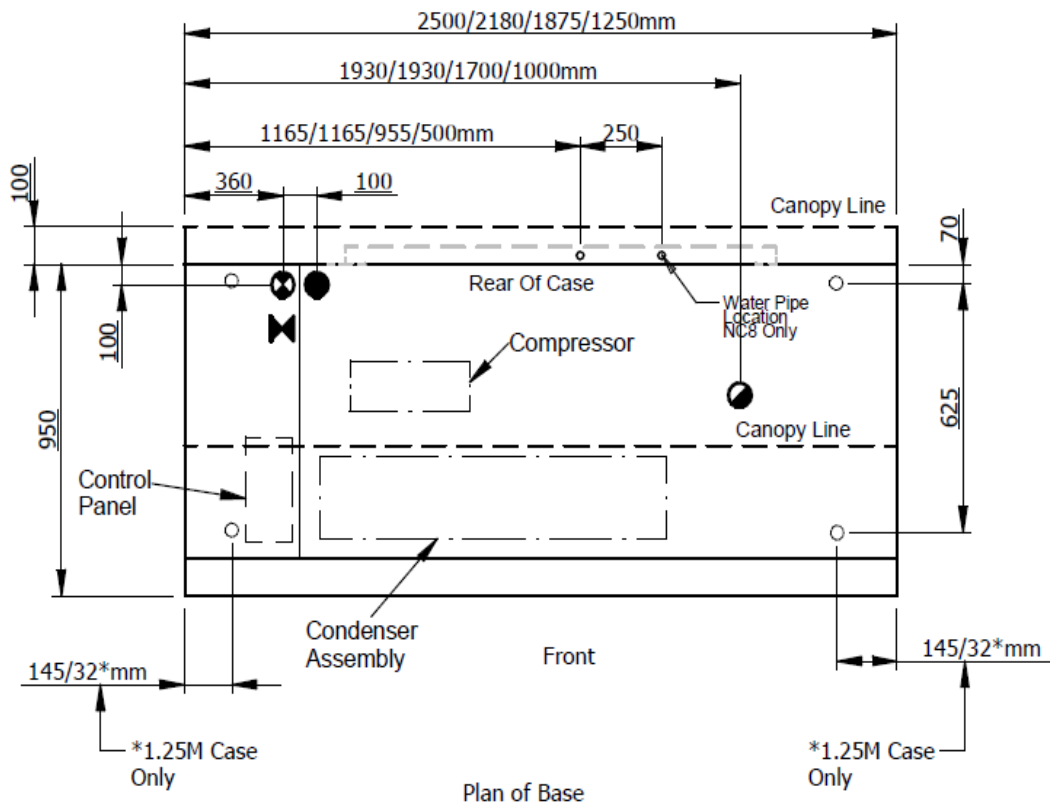
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Section Drawing – NHA



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Plan Drawing –



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Cabinet Type

Multideck Full Height Chilled Air

Model Designation

NHA

File Reference

NHA-HC AC-1758

Set Up Data** Off Cycle Defrost		Dairy	
Cut in Temperature		2	
Cut Out Setpoint		3	
Cabinet Temp ratio (Case Air Off)		50	
Anti Short Cyclr (Sec)		180	
No Defrost in 24hrs		8	
Max Defrost Duration (Mins Max)		45	
Defrost Termination Temp C (Case Air Off)		8	
Drain Down Time (Mins)		1	
Fans in Refrigeration (RPM)		1100	
Fans in Defrost (RPM)		On	

** Set up data for guidance only. Final settings to be determined by commisioning personel

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