ARCTICA
REFRIGERATION

Back Bar Cooler

User & Installation Guide

This guide contains instructions
for five models of
Back bar coolers

Serial Number:					

Contents

Product overview

Model No.	Article Description
HEG573	Hinged one door back bar cooler
HEG574	Hinged two door back bar cooler

Installation

Store the unit upright. If the unit has been stored or transported on its back, front or sides then it must be placed upright for at least an hour before switching on. Place the unit on an even floor as far away as possible from any source of heat.

Note: Do not move unit by lifting either the door or door handle as this may cause damage to the cabinet.

Please ensure the correct aperture size is made available for this unit:

The correct aperture size should give a gap of approximately **1.18"** between the top of the cabinet and the underside of the back bar and between the back of the unit and the wall. Poor ventilation due to insufficient aperture size is likely to cause: reduced cooling; Icing up; Premature compressor failure.

Space Required

All dimensions exclude door handle

	Height	Width	Depth
HEG573	930	660	550

Unit Dimensions

All dimensions exclude door handle

	Height	Width	Depth
HEG573	900	600	520

Notes

End of life disposal
Environmental Protection

Discarded electric appliance are recyclable and should not be discarded in the domestic waste! Please actively support us in conserving resources and protecting the environment by returning this appliance to the collection centres (if available)

Guarantee
A statutory guarantee applies for this product.
Claim must be submitted immediately after their determination.

The right to guarantee claims expires upon any intervention of the purchaser or third parties. Damages caused by wrong treatment or operation, by false placement or storage, improper connection or installation, as well as force or other external influences are not covered by this guarantee. We recommend careful reading of the operating instructions as it contains important information.

The purchaser must prove the right to guarantee claims by presentation of the purchase receipt.

Note:
1. In case this product does not function correctly, please firstly check if there are other reasons, e.g. interruption of the power supply, or incorrect handing are the cause.
2. Please note the following documents need to be submitted together with with your faulty product:
   - Purchase receipt
   - Model description/ Type/ Brand
   - Describe the fault and problem as detailed as possible

In the case of a claim for guarantee or defects, please contact the seller personally.

Space Required

All dimensions exclude door handle

	Height	Width	Depth
HEG574	930	960	550

Unit Dimensions

All dimensions exclude door handle

	Height	Width	Depth
HEG574	900	900	520

General Operation
The cabinet door should remain firmly closed during normal operation. This prevents warm moist air entering and creating frost within the cabinet. If the cabinet is left open for extended periods ice will form. This will prevent cooling and the machine will then require defrosting (see page 04).

The unit should be left switched on, and should not be switched off between trading sessions. The unit is designed to operate in an ambient temperature range of 42.8˚F-77˚F, however for short periods of time (up to 8 hours) the unit will operate normally at 89.6˚F. The cabinet is designed to chill product in sealed containers only i.e. bottles, cans etc. It is not recommended that glasses of drink or similar are placed in the unit for cooling.

Controls

The thermostat control is located below the doors on the front of the appliance . Refrigeration is switched on and off at the mains supply. The light is controlled independently by using the toggle switch provided at the front of the unit.

Warning: If the supply cord is damaged, the manufacturer, its service agent or similarly qualified person must replace it, in order to avoid a hazard.

Front Panel Controls and Indicators

The front panel controls and indicators are used to set and display the unit functions and status.

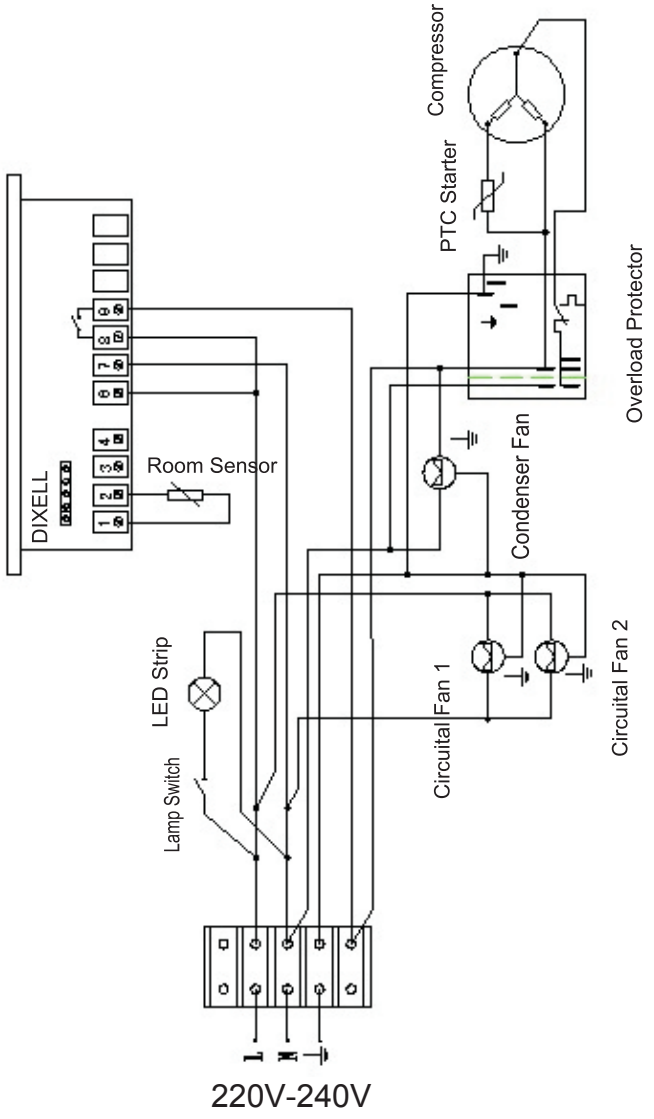
Callout No.	Control / Indicator	Function
	Fan	Indicates the fans are running.
	Defrost	Press to start the manual defrost cycle.
	Compressor	Indicates the compressor is running.
	Up Arrow	To display the last temperature alarm. In programming mode it browses the parameter codes or increases the displayed value.
	Down Arrow	To display the last temperature alarm. In programming mode it browses the parameter codes or decreases the displayed value.
SET	SET	Used to display a target set point; in programming mode it elects a parameter or confirm an operation.
-88.8	Display	Indicates the room temperature, the set points and the alarm codes.
	Alarm	Indicates a temperature alarm.

Key combinations are used to perform functions that cannot be performed with a single key.

▼ + ▲	To lock or unlock the keyboard
SET + ▼	To enter in programming mode
SET + ▲	To return to room temperature display

LED	MODE	SIGNIFICATO
	On	Compressor enabled
	Flashing	Anti short cycle delay enabled (AC parameter)
	On	Defrost in progress
	Flashing	Dripping in progress
	On	Fans output enabled
	Flashing	Fans delay after defrost
°C	**On**	Measurement unit
	Flashing	Programming mode
°F	**On**	Measurement unit
	Flashing	Programming mode

Circuit Diagram



Troubleshooting

If your appliance develops a fault, please check the following table.

Fault	Probable Cause	Action
The appliance is not working	The unit is not switched on	Check the unit is plugged in correctly
	Plug and lead are damaged	Call your agent or qualified technician
	Fuse in the plug has blown	Replace the fuse (UK Plug)
	Power supply	Check power supply
	Internal wiring fault	Call your agent or qualified technician
The appliance turns on, but the temperature is too high/ low	Too much ice on the evaporator	Defrost the appliance
	Condenser blocked with dust	Call your agent or qualified technician
	Doors are not properly	Check doors are shut and seals are not damaged
	Appliance is located near a heat source or air flow to the condenser is being interrupted	Move the refrigerator to a more suitable location
	Ambient temperature is too high	Increase ventilation or move appliance to a cooler position
	Appliance is overloaded	Reduce the amount of containers in the appliance
The appliance is unusually loud	Loose nut/ screw	Check and tighten all nuts and screws
	The appliance has not been installed in a level or stable position	Check installation position and change if necessary
The appliance is leaking water	The appliance is not properly leveled	Adjust the screw feet to level the appliance
	The discharge outlet is blocked	Clear the discharge outlet
	The water container is damaged	Call your agent or qualified technician

Functions

Display the Set Point:

1. Press and release the SET button, the set point value is displayed.
2. Press and release the SET button (again) or wait five seconds to return to the probe value display.

Change the Set Point:

1. To change the set point value, press the SET button and hold for a minimum of two seconds.
   The set point value is displayed and the Compressor LED starts blinking.
2. For the next ten seconds, the set value can be changed using the Up Arrow or the Down Arrow but-tons.
3. To save the new set point value press the SET key again (or wait ten seconds).

Manual Defrost

Press the Defrost button and hold for a minimum of two seconds. The manual defrost cycle starts.

Keyboard Lock

1. Press the Up Arrow and Down Arrow buttons and hold for a minimum of three seconds.
2. The "POF" message is displayed when the key-board is locked. With the keyboard locked only the set point or the max/min temperature is displayed.
3. If any key is pressed for more than three seconds the "POF" message is displayed.

Keyboard Unlock

Press the Up Arrow and Down Arrow buttons and hold for a minimum of three seconds. The "Pon" message is displayed when the keyboard is unlocked.

Alarm Codes

CODE	CAUSE	OUTPUTS
P1	Room probe failure	Compressor output according to par Con and COF
P2	Evaporator probe failure	Defrost end is timed
P3	Condenser probe failure	Outputs unchanged
HA	Maximum temperature alarm	Outputs unchanged
LA	Minimum temperature alarm	Outputs unchanged
dA	Door open	Compressor and fans restart
EA	External alarm	Outputs unchanged
CA	Serious external alarm (i1F=bal)	All outputs off
CSd	Condenser alarm	All outputs off

DEFAULT SETTING VALUES

LBL	DESCRIPTION	RANGE	DEFAULT
REGULATION			
Hy	Differential	0.1 ÷ 25°C/1 ÷ 45°F	4
LS	Minimum Set Point	-55°C÷SET/-67°F÷SET	4
US	Maximum Set Point	SET÷99°C/ SET÷210°F	10
ot	First probe calibration	-9.9÷9.9°C/-18÷18°F	0
od	Outputs activation delay at start up	0 ÷ 99 min	2
AC	Anti-short cycle delay	0 ÷ 50 min	3
DISPLAY			
CF	Measurement units	°C - °F	°C
DEFROST			
dE	Defrost termination temperature	-50÷50°C/-58÷122°F	8
id	Interval between defrost cycles	0 ÷ 99 hours	4
Md	Maximum length for defrost	0 ÷ 99 min.	30
dF	Display during defrost	rt – in – dE	it

Cleaning, Care & Maintenance

Routine maintenance
Disconnect from the power supply before cleaning.

- Clean the enclosure and interior of the cabinet as often as possible.
- Clean the unit with moist cloth. Never allow the switch, control panel, cable or plug to get wet.
- Do not use abrasive cleaning agents. These can leave harmful residues.
- Use only mild soapy water.
- Clean the door seal with water only.
- Ensure that no cleaning water penetrates into the electrical components.
- Must not be cleaned by a water jet.
- Always wipe dry after cleaning with soft cloth.
- Take care when cleaning the rear of the cabinet.
- An agent or qualified technician must carry out repairs if required.
- If the cabinet is to be left inactive for long periods, unplug the cabinet after having turned the lamp switch to off position, empty the refrigerating compartment and clean thoroughly.

Special maintenance

The instructions given in the following paragraph are for SKILLED PERSON.

Periodic Operations

- Periodically clean the condenser using suitable tools (vacuum cleaner or soft brush).
- Check that the electrical connection are not loose.
- Check that the thermostat and the sensor are in proper working order.
- Periodically cleaning the condenser can extend the life of the appliance.
- Failure to keep the condenser clean will reduce the refrigeration performance of the cabinet.
- Recommend that an agent or qualified technician clean the condenser.