INSTRUCTION MANUAL

HEG788 Blast Chiller Freezer

25kg Chill / 15kg Freeze

HEG789 Blast Chiller Freezer

50kg Chill / 30kg Freeze

**Thank you for purchasing your Arctica blast chiller/freezer.
To make full use of the product, please read this manual carefully before using and keep it safe for future reference.**

Contents

TECHNICAL PARAMETERS

Model	HEG788	HEG789
Fast cooling performance per cycle/kg	25Kg (+90°C/+3°C)	50Kg (+90°C/+3°C)
Fast freezing performance per cycle/kg	15Kg (+90°C/-18°C)	30Kg (+90°C/-18°C)
Rated voltage	220-240V,50Hz	220-240V,50Hz
Rated power (W)	1300	2500
Current (A)	6.5	12
Auxiliary heater	13	20
Safety climate class	4	4
Room temperature	30℃	30℃
Relative humidity	55%	55%
Volume (L)	-	-
Refrigerant	R290	R290
Dimension W×D× H (mm)	815 x 750 × 870	830 x 750 ×1435
Grid positions / Shelf size	5 trays GN1/1 - 5 trays EN 600×400	10 trays GN1/1 - 10 trays EN 600×400
Condensation	air	Air
Shelf positions	5	10

1.INTRODUCTION

Please read instructions before using this appliance.

IMPORTANT SAFETY INSTRUCTION

- To reduce the risk of fire, electric shock, or injury to persons when using the product, basic safety precautions should be followed, including the following.
- This appliance must be properly installed and located in accordance with the Installation Instruction before it is used.
- Before the appliance is plugged in, ensure that the rated voltage corresponds to the voltage of the
- electrical system in your building. The power plug should have its own independent socket. Using adapters may cause overheating or burning.
- This appliance can be used by children aged from 8 years and above, persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
- Children shall not play with the appliance.
- Cleaning and user maintenance shall not be made by children without supervision.
- If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a suitably qualified person in order to avoid a hazard.
- Connect to properly grounded outlets only. Avoid the use of extension cords. Do not run cord under carpeting, runners or the like. Arrange cord away from traffic area and where it will not create a tripping hazard.
- Always unplug appliance when not in use and before cleaning, adjusting or maintaining this machine. To disconnect appliance, turn switch off and remove plug from power source.
- Do not disconnect by pulling on the cord. Always disconnect by grasping and pulling on the plug top.
- Do not pull out the cord or touch the power plug with wet hands. Clean water or dust from the power plug and insert it with the ends of the pins securely connected.
- Do not use outdoors.
- Do not splash water on the appliance. It may cause a malfunction or electric shock.
- Do not disassemble, repair or alter the appliance. It may cause fire or abnormal operations, which may lead to injury.
- After your blast chiller is in operation, do not touch the cold surfaces in the compartment, particularly when hands are damp or wet. Skin may adhere to these extremely cold surfaces.
- Never place glass products in the unit because they may be broken when their inner contents are frozen.
- The refrigerant and insulation blowing gas used in the appliance requires special disposal procedures. When disposing, please consult with service agent or a suitably qualified person.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- If you need an electronic instruction manual, please contact the manufacturer or its service agent.
- Max. Load of shelf is 40kg.

This instruction manual provides all the necessary information regarding:

- Use of the appliance
- Technical specifications
- Installation and handling
- Operator procedures and instructions
- Maintenance operation
- The manual is to be considered an integral part of the appliance and should be stored in a safe place for future reference.
- The appliance is intended for commercial use only.
- WARNING: - Keep clear of obstruction all ventilation openings in the appliance enclosure or in the structure for building-in.
- WARNING: - Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.
- WARNING: - Do not damage the refrigerant circuit.
- WARNING: - Do not use electrical appliances inside the food storage compartment of the appliance, unless they are of the type recommended by the manufacturer.

Warning: Risk of fire / flammable materials
The A-weighted emission sound pressure level not exceed 70 dB(A) .

For HEG788 only:
The means for disconnection must be incorporated in the fixed wiring in accordance with current standards/legislation.

Warning:
Cabinets rated at 220-240V.

2.THE MANUFACTURER CANNOT BE HELD LIABLE IN THE FOLLOWING CASES:

- Improper installation (not in accordance with the guidelines indicated herein)
- Misuse of the refrigerator
- Power supply defects
- Improper or inadequate maintenance
- Unauthorised modification or tampering
- Use of non-original spare parts
- Partial or total failure to comply with the instructions
- All electrical equipment can be hazardous to health. Current standards and legal requirements must be complied with during the installation and use of any equipment.

3.TRANSPORTATION AND STORAGE

The equipment is wrapped in absorbent material and contained and fixed within a wooden carton
.
Whilst awaiting by definitive collection, these should be stored within a protected and covered environment at a temperature between -25 ℃ / +55℃ ,with ambient humidity between 30°C/95% .

4.COMMISSIONING

Carefully read the label on the equipment , do not cover for any reason whatsoever. and replace them immediately if damaged. Do not remove protection or panelling that require the use of tools.

4.1. POSITIONING

Ensure that in respect of the dimensions, the space reserved for the equipment permits its correct utilisation and ease of maintenance . After carefully unpacking the display case, remove the PVC protective film and all of the manufacturer's material which safeguards the item in transit.

Place the cabinet on a flat surface.

The cabinet must be lifted only from the exterior of the base to avoid the possibility of damage. Do not move the cabinet by application of pressure to the surface .

If the unit has been positioned horizontally during transit or relocation, **wait two hours** before activating it.

Packing and protective film should be disposed off in accordance with your sites waste policies.

The equipment must not be installed or exposed to open air and rain

The correct siting is; a distance from direct heat sources(cooking appliances, radiators, direct lighting, etc.) and protected from direct sunlight and draughts.

Air circulation must be freely maintained around the condensing unit,

In observance of these specific conditions will detrimentally affect the cabinet.

$\geqslant$ 50cm
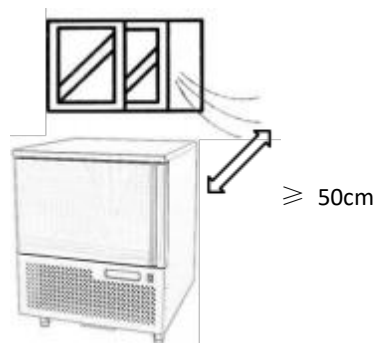
4.2. INITIAL CLEANING

Before use all parts of the cabinet should be cleaned,
For the walls and all internal parts use a suitable antibacterial detergent.
For the plastic parts use a moistened cloth.
Dry with a soft clean cloth. Use little or no water.
Do not use harsh or abrasive solvents or detergents
During cleaning do not approach bare-handed those parts which could cut (evaporator, condenser, etc.)
and always use protective gloves.

4.3. ELECTRICAL CONNECTION

Check that the supply conforms to the requirements listed
on the data label and that it is provided with a fail-safe protection
or automatic circuit breaker with an efficient earth connection .
-    Should there not be an electrical safety feature have this
introduced by a qualified person by means of a omnipolar
switch as indicated in the safety regulations with a minimum
clearance of the contacts of 3mm.
Where the cabinet has to be installed distance from the electrical
source .Ensure conformation with local regulations.
-    Blast chiller supplied is provided with an appropriate plug, fitted
     with a neutral and earth; the supply cable must be well stretched
     (avoid coiling and superimposition) it must not be exposed to the
     possibility of damage by third parties.
-    It should not be in contact with liquids, water or heat sources.
-    In the event of damage it must be replaced by suitably
       qualified personnel.
Always avoid the use of reducers or adapters.

Grounding Terminal

AC220-240V
Outlet Only

A Ground wire

Cu

Over 75 cm

properly grounded outlet

A Ground wire

a gas pipe   water pipe   telephone wire

4.4. CONNECTION TO DRAINS

The dispersal of defrost water is automatic in all models with integral
condensing unit.
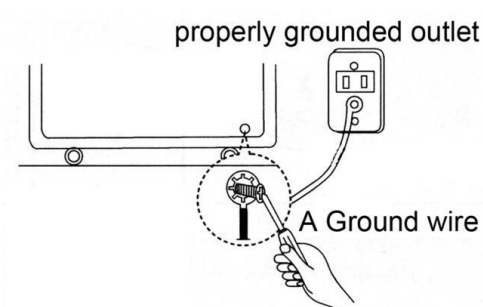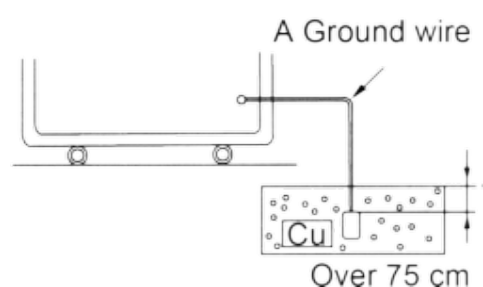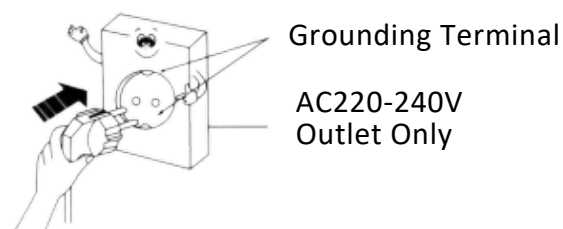
5.TECHNICAL CHARACTERISTICS

5.1. NOISE AND VIBRATION

The sound level of the equipment fitted with integral hermetic condensing unit does not exceed 70 dB, it is
therefore not necessary to provide sound insulation. Under normal conditions the equipment does not
generate vibrations which affect surroundings

5.2. POSSIBLE USAGES

Do not utilise the blast chiller to store medical supplies.

6.USAGE FOR CAREL CONTROLLER

6.1. ACTION

These devices are activated by one switches and an electronic control panel.

6.2. MEANING OF THE BUTTON

if pressed for more than 3 seconds, switches the unit on/off	⏻	if pressed for more than 2 s, terminates the cycle and starts conservation : • if the cycle was CHILL: set point = 2 °C • if the cycle was FREEZE: set point = -20 °C
if pressed for more than 1 second, activates/ deactivates auxiliary output 2 **Inside light**: if present, this button switches the inside light on/off	🔆	if pressed for more than 1 second, activates/ deactivates auxiliary output 2 **Inside light:** if present, this button switches the inside light on/off
accesses the menu to display and delete the HACCP alarms	HACCP▲	accesses the menu to display and delete the HACCP alarms
if pressed for more than 1 second, activates/ deactivates auxiliary output 1 **Pass-through probe**: if configured, the heating cycle starts.	*aux*	if pressed for more than 1 second, activates/ deactivates auxiliary output 1 **Pass-through probe:** the heating cycle does NOT start in any case.
if pressed for more than 3 seconds, accesses the password settings menu to access the type "F" (Frequent) or "C"(Configuration) parameters	*prg* *mute*	Parameter editing is not enabled.
mutes the audible alarm (buzzer) and deactivates the alarm relay		mutes the audible alarm (buzzer) and deactivates the alarm relay
if pressed for more than 3 seconds, starts/stops a manual defrost	❄▼	Defrost button is not enabled.
if pressed for more than 1 second, accesses the menu for selecting the blast chilling cycle	new ⏩	pushing the "new" button, the last cycle selected by the user is displayed for 3 seconds. pushing the "new" button again, the air temperature is displayed for 3 seconds.
starts the selected cycle, see the new button	⏩ start	If pressed, puts the cycle in standby. • Standby is indicated by flashing "Stb" (Maximun stand by function time). • Compressor and fan stop If pressed during standby, the cycle resumes from the point where it was stopped. Parameter "Stb" is used as a time limit for "standby" status: if standby status is longer than "Stb", the cycle restarts automatically from the beginning

6.3. SELECTING THE BLAST CHILLING CYCLE

Selecting the BLAST CHILLING cycle

STEP 1 — Access the cycle selection menu:
Press NEW for 1 second

The display shows the last completed cycle.
This cycle can be started immediately: go to STEP 3

STEP 2 — Select the blast chilling cycle:
Press the selection buttons
Pressing NEW goes to STEP 1

Each individual selection is shown on the display with the corresponding "o". See the table below.

STEP 3 — Start the selected cycle:
Press START for 2 seconds

To cancel the current selection: press no button for 10 seconds

	PHASE 1			PHASE 2			AUTOMATIC	
	ambient	product	time	ambient	product	time	defrost before conservation	conservation ambient setpoint
	0 °C	3 °C	90 min				NO	2° C
	-20 °C	10 °C	60 min	0 °C	3 °C	30 min	NO	2° C
	0 °C	-	90 min				NO	2° C
	-20 °C	-	60 min	0 °C	-	30 min	NO	2° C
	0 °C	3 °C	120 min	-35 °C	-18 °C	120 min	YES	-20° C
	-35 °C	-18 °C	240 min				YES	-20° C
	0 °C	-	120 min	-35 °C	-	120 min	YES	-20° C
	-35 °C	-	240 min				YES	-20° C

9

6.4. HOW TO ACCESS AND SET PARAMETERS

Type "F" (FREQUENT, not protected by password),
Type "C" (CONFIGURATION, password protected)

Step	Action	Effect	Meaning
1	Press PRG for 3 seconds	After 3 seconds the display will show the 1st parameter, "0"(Password)	Access to type "F" parameters is direct without password
2	Press UP or DOWN	The value on the display will increase or decrease.	Enter the password "22" to access the type "C" parameters or whatever different value for the type " F" parameters.
3	Press START	The display will show "St" (Setpoint)	This is the current value of the Setpoint
4	Press UP or DOWN	If the password set is 22 the display will scroll the list of type "C" parameters (CONFIGURATION) or the list of Type "F" parameters (FREQUENT)	Set the desired value
5	Press START	The display will show the parameter name	This is the current value of the parameter
6	Press UP or DOWN	The value on the display will increase or decrease	Set the desire value
7	Press START	The display will show the parameter name again	IMPORTANT: Parameters not yet saved
8		Repeat steps 2, 3, 4 & 5 for all parameters required	
9	Press PRG for 5 seconds	The controller will display the temperature read by the probes again	IMPORTANT: only now have all the parameters been updated/saved.

For both types of access (type "F" and type "C") there is a timeout (no button on the keypad pressed for 1 minute), the procedure is ended without saving the parameter.

6.5. ACCESSING THE PARAMETERS DIVIDED BY FUNCTIONAL BLOCKS

Once having accessed the type "F" or "C" parameters (see tables above)

Step	Action	Effect	Meaning
1	Press PRG	The display will show the name of the functional block that the parameter belongs to	Example 'CMP' for the compressor parameters,'dEF' for the defrost parameters
2	Press UP or DOWN	The display will show the name of the other functional blocks	Example 'Fan' for the fan parameters
3	Press START	The display will show the name of the first parameter in the functional block selected	Example " F0" for ' Fan'

6.6. DIRECTLY ACCESSING THE PARAMETERS BY SELECTING THE CATEGORY

The configuration parameters can also be accessed, in addition to the mode described above, via the category (see the icons and abbreviations in the table below), according to the list on the display with the corresponding name and icon. To directly access the list of parameters grouped by category, press the PRG button for at least 1 second and to modify the parameter press DOWN+START+UP.

Category	Paraneters	Message	Icon
Probe parameters	/	'pro'	
Control parameters	r	'Ctl'	
Compressor parameters	c	'CMP'	
Defrost parameters	d	'dEF'	
Alarm parameters	A	'ALM'	
Fan parameters	F	'FAn'	
Configure parameters	H configuration	'CnF'	
HACCP parameters	H HACCP	'HcP'	
RTC parameters	rtc	'rtc'	

6.7. ALARMS WITH MANUAL RESET

The alarms with a manual reset function, can be reset by pressing the PRG and UP for more than 3 seconds.

6.8. HACCP FUNCTION

The controller is compliant with the HACCP standards in force since it allows the monitoring of the temperature of the stored food.
"HA" alarm = exceeded maximum threshold: up to three HA events are saved (HA, HA1, and HA2) respectively from the more recent (HA) to the oldest (HA2) and a HAn signal that displays the number of occurred HA events.
"HF" alarm = power failure lasting over a minute and exceeded AH maximum threshold: up to three HF events are saved (HF, HF1, and HF2) respectively from the more recent (HF) to the oldest (HF2) and a HFn signal that displays the number of occurred HF events. HA/HF alarm setting: AH parameter (high temp. threshold); Ad and Htd (Ad+Htd = HACCP alarm activation delay) .
Display of the details: access to HA or HF parameters pressing the START button and use UP or DOWN buttons to glance over.
HACCP alarm erasing: press the DOWN+SET buttons for more than 5 seconds, the message 'res ' indicates that the alarm have been deleted.
   To cancel the saved alarms press the DOWN+START+UP buttons for more than 5 seconds.

6.9. PROCEDURE FOR SETTING THE DEFAULT PARAMETER VALUES

To set the default parameter values on the controller, proceed as follows:
• If " Hdn" = 0:
   1: Switch the instrument off;
   2: Switch the instrument back on, holding the PRG button until the message " Std" is shown on the display.
   Note: The default values are only set for the visible parameters (C and F). For further details see table
   " Summary of operating parameters " .
• If " Hdn" < > 0:
   1: Switch the instrument off;
   2: Switch the instrument back on, holding the PRG button until the value bn0 is shown on the display;
   3: Select the set of default parameters, between 0 and " Hdn" , using the DOWN and UP buttons;
   4: Press the START button until the message " Std" is shown on the display

7.USAGE FOR DIXELL

7.1. QUICK REFERENCE GUIDE

7.1.1. KEYBOARD

SET	Display target set point parameter or confirm an	outside programming mode. In programming mode operation. Push the key to set the Hds	It selects A
▲❄	(**UP**) Start or stop a manual defrost. Short time pushing and releases to see the max. stored room temperature. In programming mode, it browses the parameter codes or increases the displayed value		
HARD	Short push and release to select Hard Cycle		
▼⏱	(**DOWN**) After cycle selected and before cycle starting push the key above 3 S the cycle will switch from time mode and temperature mode. In programming mode, it browses the parameter codes or decreases the displayed value. Keeping the key until showing the remain time of current phase if the cycle of timer mode starts (show Phase: PH1 , PH2, 1S then show time)		
↻⏻	Push and release the key to start or pause the chiller cycle switch the instrument on/ off (Push the key above 3S) if on F= oF.		
☀	Push and release the key to switch the light on/off		
CHILL FREEZE	To choose the chiller cycle or freeze cycle push the key until the first parameter (cyS) appears to set the cycle parameter. hold pushed the chiller cycle more than 2 seconds to stop		
AUX	Push and release the key to switch the AUX Push the key above 2 S to see the probe temperature		

7.1.2. KEY COMBINATIONS

▲❄ + ▼⏱	The keyboard unlocks or lock combination; the lock does not allow editing the parameters while the instrument functions are still active .
SET + ▼⏱	Enter in programming mode
SET + ▲❄	Return to room temperature display
SET + ☀	Show the current phase (Show PH1 , PH2 , …)

7.1.3. MEANING OF THE LEDS

LED	MODE	Function
❄	ON	Compressor enabled
❄	Flashing	Anti-short cycle delay enabled (Refer to "Ac" parameter)
❄	ON	Defrost enabled
❄	Flashing	Drip time in progress
❀	ON	Fan enabled
❀	Flashing	Fan delay after defrosting in progress
🔔	ON	An alarm is occurring
CH	ON	Chiller cycle is working
CH	Flashing	Chiller cycle
FR	ON	Freeze cycle is working
FR	Flashing	Freeze cycle
HD	ON	Hard mode
HD	OFF	Soft mode
°C/°F	ON	Measurement unit
°C/°F	Flashing	Programming phase
🕐	ON/ Flashing	The cycle is defined by time or remain time of current phase
🌡	ON/ Flashing	The cycle is defined by temperature
HACCP	ON	Display is showing Max. stored or Min. stored room temperature
‡	Flashing	hold phase
⏻	ON	Instrument is Off
⏻	OFF	Instrument is On

7.2. CHILLING\ FREEZING CYCLES

### 7.2.1. HOW TO EDIT THE PARAMETERS OF A CHILLING/ FREEZING CYCLE

Cycle programming is only possible with the instrument in stand-by (no cycles active) .
1. Select the cycle.
The icons identify the cycles with the following correspondence:

CH	Soft Chilling
FR	Soft Freezing
HD + CH	Hard Chilling
HD + FR	Hard Freezing

**2.** Keep the key [CHILL FREEZE] pressed for a minimum of 3 seconds until the display shows the first parameter label (CYS) of the selected cycle.

● Select the desired parameter with the keys [▲] [▼].

● Press the [SET] key.

● Edit it with the [▲] and [▼] keys.

● Press [SET] to store the new value and move to the code of the following parameter.

● Press [SET] + [▲] or wait 15 seconds without pressing any key to exit.

7.2.2. SHORTCUT MODIFICATION THE TEMPERATURE AND TIME MODE OF CYCLE

Push the [▼] key above 3S the cycle will switch from time and temperature mode before cycle starts
At the temperature cycle, the display shows the stop set point probe of last phase (probe depends on the " rEm") At the time cycle, the display shows the total cycle time.
After starting time, the mode shows the remaining time.
Temperature mode shows the real-time temperature of set point probe . Before any cycle starting or in the conservation, it shows the room probe temperature .

7.2.3. VIEW PROBE TEMPERATURE

● Push the [AUX] key above 2S into view probe temperature mode;

● Choose the probe label

● Push the [SET] key to confirm then show the temperature

● Push the [SET] again to back to label chosen (item 2) and show next probe label;

● After no action about 5s or pushing [SET] + [▲] to exit;

8.MANITENANCE

8.1. PERIODIC CLEANING

For hygiene reasons and improved performance, deep clean entire unit at least once a month, the internal basin. Paying close attention to the drain point., this needs to be kept clean,
First perform a manual defrosting cycle (paragraph 6/7),

When complete, switch off the power supply and clean the inside following the instructions given in paragraph 4.2 (initial cleaning).

8.2. CLEANING OF CONDENSER

For improved performance clean the condenser at least once a week.
Before beginning turn off the equipment, and disconnect the plug.
Close and protect the unit.
- Unscrew, rotate and remove protective grille
- Remove the dust deposited on the front surface of the condenser using a soft brush and vacuum cleaner and restore the grille.

8.3. PERIOD OF INACTIVITY OF CABINET

During periods of inactivity, remove the products from the cabinet and then follow these directions:
- Remove the internal plug from the outlet and carefully clean the unit as per the periodic cleaning
- Cover the cabinet with a cloth that allows air circulation in the interior.

9.TROUBLESHOOTING

Often, the malfunction of a unit is due to simple causes which can easily be solved without contacting a technician .Therefore please try the following steps before contacting your service partner.

9.1. IF THE CABINET DOES NOT OPERATE, MAKE SURE THAT:

  - Check the fuse in the plug
  - The plug has been correctly inserted into the socket.
  - The supply cord is not damaged.
  - Try the unit in a different switched socket outlet

9.2. IF THE UNIT IS NOT REACHING THE REQUIRED TEMPERATURE

Please perform the following checks
  - The command switch is turned ON.
  - The electronic control panel is correctly regulated (see 6/7) .
  - The cabinet is neither in the defrosting phase nor in a post-defrosting phase.
  - The evaporator is not covered with frost (see 6.3) .
  - The condenser is not blocked with dust.
  - The cabinet is not located near heat sources or its condensing unit has uninterrupted air flow.
  - The stored foods or other objects do not prevent the door from closing.
  - The cabinet is not working in anomalous conditions (overloaded, loaded with hot food, or loaded in
   a way that prevents proper air circulation)
  - Overall condition of door seal.
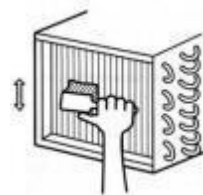
9.3. THE CABINET IS LEAKING:

  - The collecting container or the device for condensing water elimination are not damaged.
  - The discharge outlets are not blocked or obstructed.
  - Check that the blast chiller has been properly levelled.

9.4. THE CABINET IS NOISY:

  - The frame does not have loose screws or bolts.
  - The cabinet is in a stable position and correctly levelled.

  If, after all these checks, the malfunctioning continues, please contact your approved service partner.

  Be prepared to supply the following information:
  - The model and serial number (both found on the internal data plate) .
  - Any alarm codes appearing on the controller display.

9.5. IMPROBABLE RISKS

  In case of fire unplug the cabinet or isolate the electrical supply at your nearest emergency shut off point, if possible, and use a powder fire extinguisher (blue/blue label)
  .

10. REPLACEMENT PARTS

Before commencing any service or maintenance work, isolate the cabinet from the electrical supply.
Always fit original spares obtained from an authorised service partner or distributor.

11.DISMANTLING

The disposal of the cabinet needs to be performed by specialist company, licensed by the local authorities, and observing local statutes.
Polyurethane foaming material, not fire-resistant, when handling the material, it should be according with local law, regulation and legislation.

- The cabinet is constructed from the following:
- Structure in stainless steel,
- Electrical components and cables,
- Electrical compressor.
- Plastic materials,
- Refrigerant gas which must not be discharged into the atmosphere .

ALL THE RESPONSIBILITY FOR THE FAILURE TO ADHERE TO EXISTING LOCAL STATUTES ARE THE RESPONSIBILITY OF THE OWNER.

SUMMARY OF OPERATING PARAMETERS

Display Icons

Icon	Function	Startup	Normal operation		
			ON	OFF	Blinking
	Compressor		compressor ON	compressor OFF	compressor required
	Fan		fan ON	fan OFF	fan required
	Defrost		defrost in progress	defrost no required	defrost required
AUX	AUX		auxiliary output AUX active	auxiliary output AUX not active	anti-sweat heater function active
	Alarm		delayed external alarm (before the expiry of the time 'A7')	no alarm present	alarms and malfunctions
	Clock	ON if RTC present	at least one timed defrost has been set	no timed defrost is present	clock alarm
	Light		auxiliary output LIGHT active	auxiliary output LIGHT not active	anti-sweat heater function active
	Service			no malfunctions	malfunction (es. EEPROM error or probe fault)
H	HACCP		function not enalbled	function enabled (HA and/or HF)	HACCP alarm enabled
	Blast chilling cycle in progress		Blast chilling cycle in progress	Conservation in progress	

ENERGY EFFICIENCY PARAMETERS

Model:	HEG788			
Type of product	Blast chiller / Blast freezer			
Refrigerant Gas :	R290 (Propane), GWP: 3			
Indication of the program used for blast chilling				
Indication of the program used for blast freezing				
Item		Symbol	Value	Unit
Energy consumption for chilling function		E	0.0576	kWh / kg
Chilled full load capacity			25.00	kg
Energy consumption for freezing function		E	0.2804	kWh / kg
Frozen full load capacity			15.00	kg
Refrigerant charge			0.15	kg
Blast chilling cycle from +65°C to +10°C		t	98	min
Blast freezing cycle from +65°C to -18°C		t	240	min

Appliance was tested according to EN 17032:2018

Model :	HEG789			
Type of product	Blast chiller / Blast freezer			
Refrigerant Gas :	R290 (Propane), GWP: 3			
Indication of the program used for blast chilling				
Indication of the program used for blast freezing				
Item		Symbol	Value	Unit
Energy consumption for chilling function		E	0.042	kWh / kg
Chilled full load capacity			50.00	kg
Energy consumption for freezing function		E	0.16	kWh / kg
Frozen full load capacity			30.00	kg
Refrigerant charge			0.15*2	kg
Blast chilling cycle from +65°C to +10°C		t	65	min
Blast freezing cycle from +65°C to -18°C		t	210	min

Appliance was tested according to EN 17032:2018

OFFICIAL APPROVAL AND RULES

Our products full fill the present E.U. rules, including the CE mark of the European official approval

Machinery Directive (MD) 2006/42/ EC

Electromagnetic Compatibility (EMC) Directive 2014/ 30/ EU

EN 60335-1
EN 60335-2-89
EN 62233EN
EN 61000-3-3
Serial № C003- 106-076EN 60335-1

EN 55014- 1
EN 55014-2
EN 61000-3-2

EN 55014- 1
EN 60335-2-89
EN 62233EN
EN 61000-3-3
Serial № C003- 106-076

EN 55014-2
EN 61000-3-2

Disposal

Under WEEE regulations this product must not be disposed of as household waste. To prevent damage to the environment and humans this product must be disposed of in an approved and environmentally friendly recycling process. For more information on how to dispose of this correctly please contact your Chefmaster distributor or local authority responsible for waste disposal.

Compliance

All Arctica parts and products have under gone a stringent testing process to ensure that comply with all European standards and specifications.
All Arctica products carry the CE approval symbol.