

# **ICELAND**

## **INSTRUCTION MANUAL**

**Model Number: KS-200GC/KS-300GC**

# **CHEST FREEZER**

Dear customers,

Thank you for purchasing our product. In order to ensure your safety and achieve best results, please read this instruction manual carefully.

Before you start;

- Read all the instructions before using. Keep this manual for future reference.
- Warning: Never try to use this appliance for applications or in a way which is not described in the instruction, otherwise severe hazards may occur.
- Do not use the appliance in a dusty environment or in an explosive atmosphere (flammable gases, vapors, vapors from organic solvents).
- This appliance is intended for **HOUSEHOLD USE ONLY** and not for commercial or industrial use.

### General Safety advice

- Keep the appliance out of reach for children! Do not allow children to play with appliance.
- Unplug the appliance from outlet when not in use, before putting on or taking off parts, before cleaning.
- Make sure to place the plug all the way into socket when connecting your appliance.
- Insert the plug into a single grounded socket.
- Never use the appliance in place where combustible and flammable materials are kept.
- For safety reason, be sure to repair or replace parts at an authorized service dealers.
- If the power supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- The motor is permanently lubricated and will require no oil.
- The appliance must be positioned so that the plug is accessible.

### FEATURES

1. It uses quality, effective and hermetic compressor with broad range or starting voltage, suitable ambient temperature not higher than 38°C, reasonable matching of the refrigerator system guarantees its powerful refrigerant ability and energy saving.
2. The thermal insulating layer of the refrigerator is made from hard polyurethane foamed plastic, which makes it light-weight and keeps things cold.

3. Other features including covering and lockable door, fast freezing, ultra thick heat preservation layer with better heat preservation effect and copper pipe evaporator.
4. It uses steel wire-shaped condenser but not that of slide-shaped with electric fan so as to reduce the noise.
5. The lowest freezing temperature is at  $\leq -18^{\circ}\text{C}$

## II. Main Technical Index

Item		KS-200GC	KS-300GC
Total effective volume L		200	300
Climate		T	T
Protection against electrical shock		I	I
Voltage V		220V-240V~	220V-240V~
Frequency Hz		50	50
Refrigerant	Name	R600a	R600a
	Input Weight g	61	73
Net Weight Kg		39	48
Product dimension WxDxH mm		996X565X835	1120*668*835

## SAFETY PRECAUTIONS

1. Individual single-phase socket must be used. It should be reliably connected to a grounding wire.

**Caution: Do not connect grounding wire to a water or gas pipe.**

2. Strictly no storing strong base, strong acid, organic solvent and corrosive goods together with food.
3. Do not pour water directly onto the freezer, which may cause declining of insulation and corrosiveness.
4. When the refrigerator will no be used for a long time, disconnect the power cord then clean it. Please examine the wiring circuit before using it.
5. Please refer to the Trouble Shooting references when the unit is facing some problems. Do not attempt to solve the problem on your own, please refer to certified technician only.

## IV. BEFORE USE

1. Unpack all packages before using the refrigerator. Do not tilt more than  $60^{\circ}$  while moving it. Even though it can be moved slowly with the universal wheels under its base, the wheels were not meant for uneven ground usage which may damage it and other parts if used vigorously.
2. Place the freezer at your desired place and do not operate it for at least 1 hour. The refrigerator should be installed in the environment of good ventilation, cool and dry. Avoid placing it nearby heat generating equipment and under direct sunlight. When installing, the universal

wheels should be padded firmly so as to avoid excess vibration and noise.

3. After 1 hour the refrigerator should be run empty upon initial operation. Please turn the thermostat knob to 7 and food can be stored just after 4 hours of initial running. Food must occupy 1/3 of the storage area and evenly arranged. FOOD must be wrapped or stored in plastic containers to obtain the original freshness and taste.
4. Temperature can be adjusted by using the thermostat. Clock wise turning will decrease the temperature whilst anti-clockwise to increase. Figures shown indicate the temperature level: 3-5 for normal, 0 to stop running and 6 for continuously running.

**Caution: No 7 can only be used if the foods need to be frozen quickly.**

5. Do not frequently open and shut the refrigerator door. This can affect the cooling capacity and also helps to save energy.
6. The surface and inside of the refrigerator should be kept clean at all times to avoid any body rust.
7. Generally, clean the refrigerator after every 30-45 days of usage. Please use soft cloth moistened in neutral soapsuds or detergent.

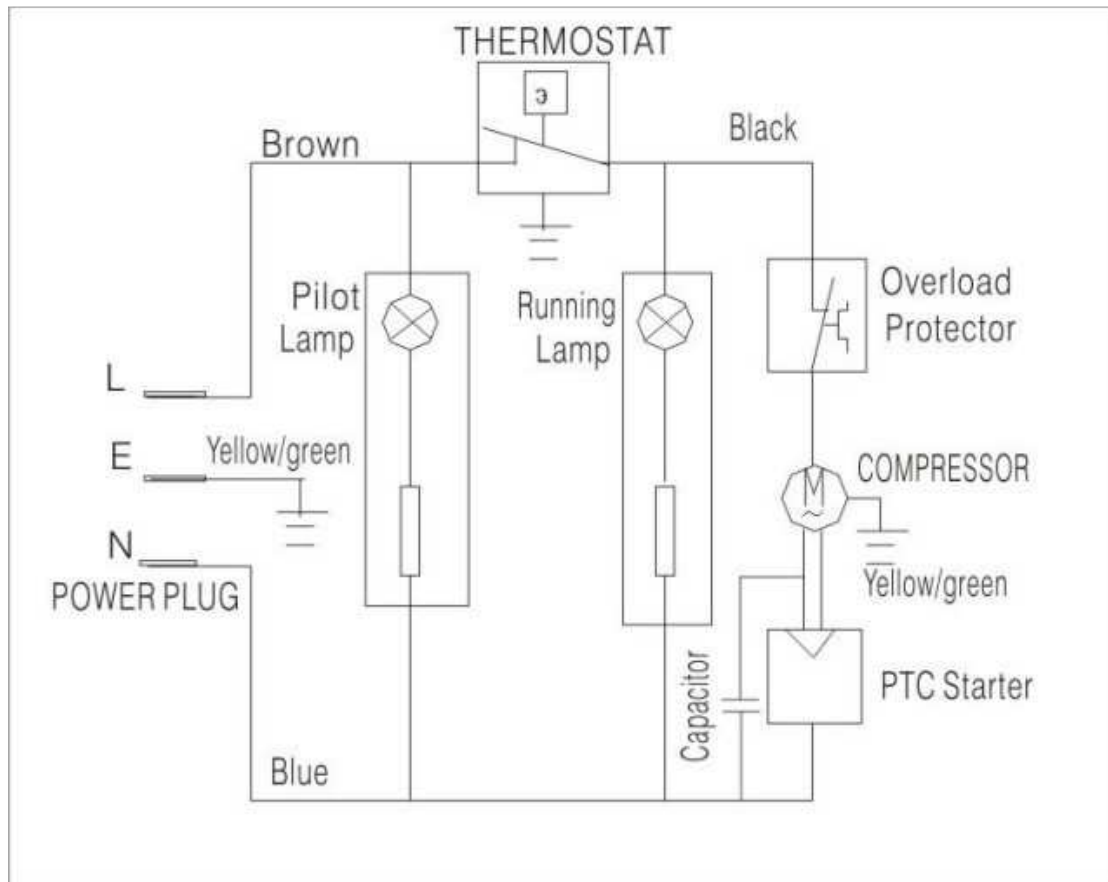
**Caution: Please unplug the power cord before cleaning the unit.**

## V. TROUBLE SHOOTING

Please refer to the trouble shooting lists on next page to overcome any minor problems that may occur during operation.

PROBLEMS	Possible Cause		Insp. Content	Remedy	Remark
Red light not functioning	No Electricity	Fuse Broken	Check fuse	Replace fuse	
		Loose plug and socket	Check for loose contact	Replace or service socket	
	With Electricity	Loose red bulb	Check for loose contact	Tighten the bulb	
		Broken red bulb	Remove red bulb	Replace red bulb	
Green light not functioning	Compressor working well	Loose green bulb	Check for loose contact	Tighten the bulb	
		Broken green bulb	Remove green bulb	Replace the bulb	
		Loose thermostat	Check thermostat	Tighten thermostat	
	Compressor not working	Loose thermostat	Check for loose contact	Tighten thermostat	
		Thermostat damage	Check for short circuit	Replace thermostat	
Non-stop running of machine	Does not refrigerate	Thick frost on surface	Check thickness $\leq 5\text{mm}$	Defrost time	
		Door open frequently		Avoid open	
		Too much food stored		Lessen the quantity	
	Refrigerate well	R134a/R12 leaked			
		Set term. < ambient temp	Check temp level "5-6"	Adjust level to "2-4"	
		Thermostat not working		Replace thermostat	
Too noisy	Refrigerator installed on an uneven ground		Check universal wheels	Put on a level and even ground	
	Loose screws at condenser or compressor		Check for loose screws	Tighten the loose screws	
Compressor not working but red and green light working	Loose of starting relay or heat preventing socket		Check damaged contact	Tighten the connection	
	Compressor damaged			Repair/service compressor	
	Voltage less than 187V		Check the voltage level	Use a power regulator	

## WIRING DIAGRAM



### WARNING:

Do not use mechanical devices or other mean to accelerate the defrosting process, other than those recommended by the manufacturer.

Except the items recommended by manufacturer, do not use any electric appliance in the units.

The apparatus does not intend to be used by physical, Sensory or mental defective people, or the lack of experience and common sense (including children), unless they were responsible for the safety of their people who care enough to give guidance on how to use this apparatus.

If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard. □

Keep ventilation opening, in the appliance enclosure or in the built-in structure, clear of obstruction.

Do not damage the refrigerant circuit.

Do not use electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer.