



By Royal-Kincool



Upright Chiller & Freezer

OPERATING INSTRUCTIONS

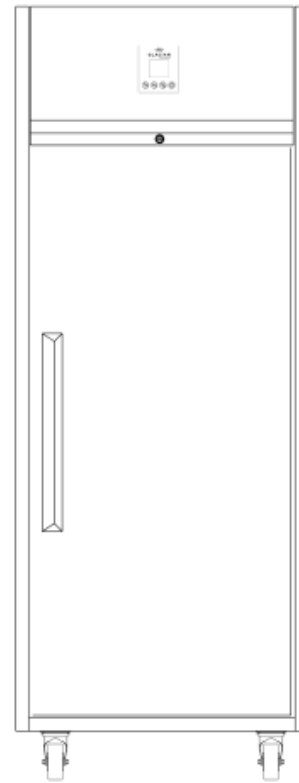
Read these operating instructions carefully before using the machine



Models

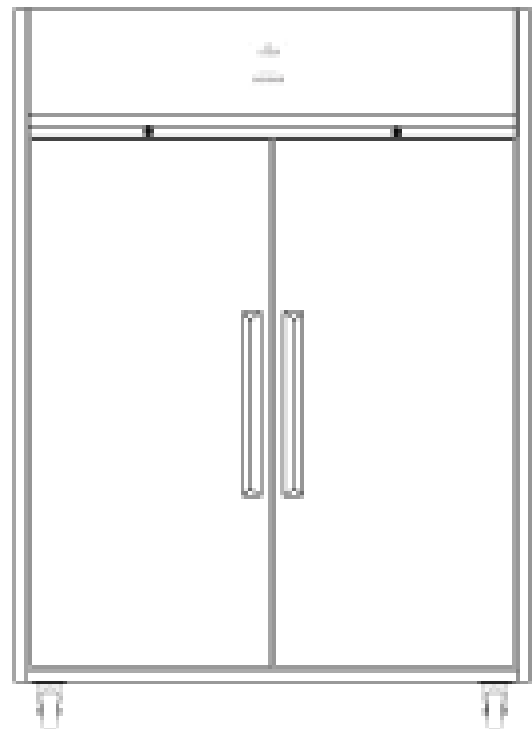
GUC1737

GUF2737



GUC1140

GUF1140



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1.WARNING

- This instruction manual is an integral part of the machine and must be kept for any further consultation.
- Never try to use this machine for applications which are not described in the instructions or for the unit's intended purpose.
- This machine should be used only for the purpose for which it was designed. Any other use is inappropriate and dangerous. The manufacturer will not be held responsible for any damage caused by improper use.
- Before installing and operating on the machine read the operation manual.
- Unplug the machine from outlet when not in use, before putting on or taking off parts, and before cleaning. Do not power unit through a power board or extension cord.
- Be sure to unplug the machine if not using the machine for a long time.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or licensed electrician persons to avoid a hazard.
- Do not use the machine in a dusty environment or in an explosive atmosphere (flammable gases and vapors from organic solvents).
- Repairs, when necessary, must be performed by an authorised service agent.
- The machine is suitable for indoor use only.
- Basic safety rules:
 - a. Do not touch the machine when hands or feet are wet.
 - b. Do not allow the machine to be used by children or untrained persons.
 - c. Do not pull on the electrical cord when unplugging the machine.

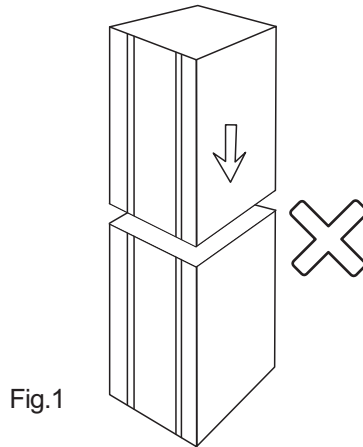
2.INSTALLATION

2.1 Transportation

- Please keep the unit upright during transportation. Any excessive tip or lean may cause damage to the unit internally.
- If the machine is not upright during transportation, you must leave the unit without powering on to sit for 24 hours before turning the unit on.

2.2 Storage

- The unit must not be double stacked. (Fig.1)

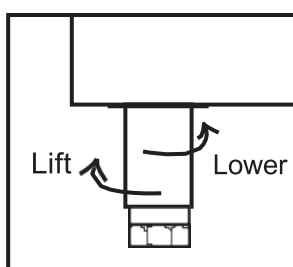


2.3 Unpacking

Please remove all packaging materials including the protective film on the stainless steel.

2.4 Refrigerator Installation

- Do not install the machine in the area where it can be damaged by water.
- This unit is intended for indoor use only.
- Place machine on a flat and sturdy surface.
- For good ventilation, keep a distance of 100mm between unit and wall or other objects. Increase the distance if the objects are near a heating source. When the display is in place, press the brake on the wheels to keep it level and secure.
- Please do not leave stock on the floor of the unit. All stock must be up on a shelf for good ventilation.
- For adjustment of refrigerator supporting legs, please refer to the following figure, with max. Adjusting amount of 200mm.
- Height adjustment: Clockwise rotate the legs to lift and counter clockwise rotate them to lower.



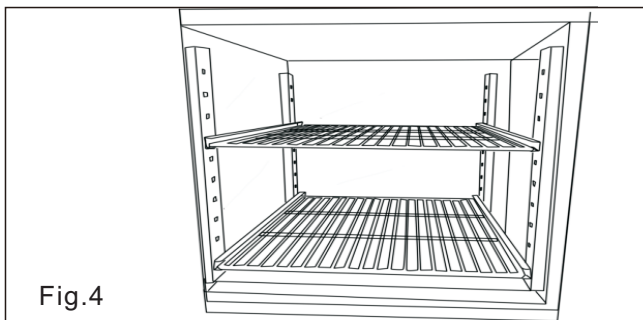
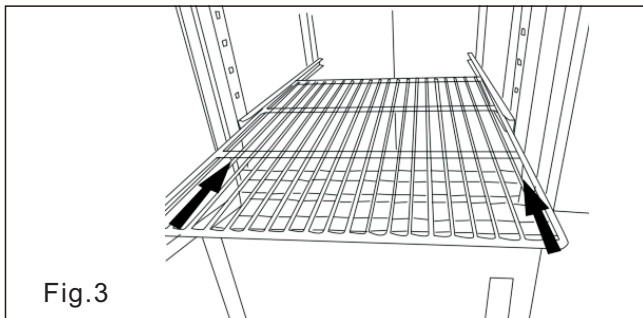
2.5 Shelf Installation

- Once unpacked and all packaging removed.
- Ensure that all backing strips are mounted at the same horizontal place with the supporting strips, and they can be positioned according to the number on the supporting strips.
- Remove the shelf backing strips from the plastic belt. For installation, closed end shall be located at rear and open end at front.

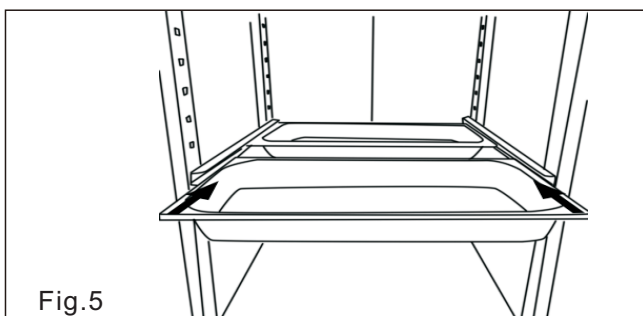
① First push the backing strip backwards to make its rear buckle on the rear supporting strip.

② Lift the front end of backing strip slightly and then buckle it on the front supporting strip. downwards.

- Slide the shelves into the refrigerator.



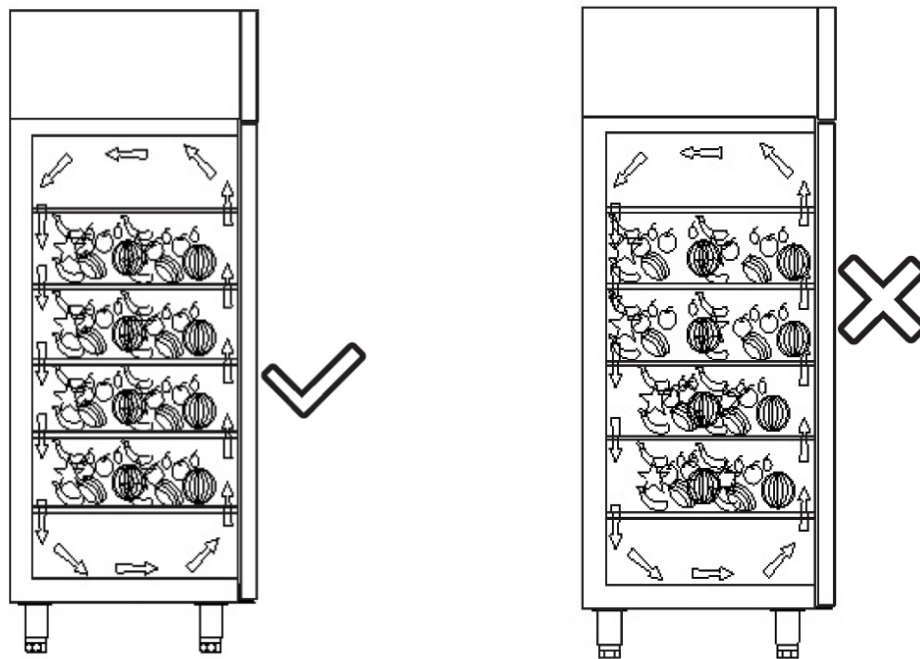
- Place the GN pan into the refrigerator.



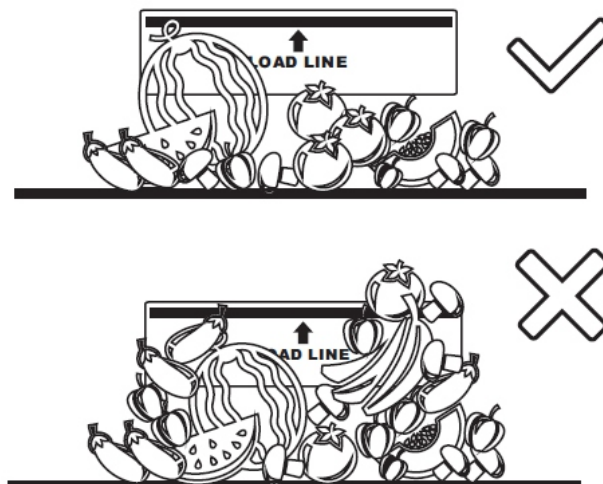
-
- In order to ensure cold air circulation, do not place the foods against the inner wall of refrigerator.
 - Please do not place foods excess the load line and place foods evenly. The load capacity of each shelf is 30kgs.

2.6 Place food

- In order to ensure well cold air circulation, do not place the foods against the inner wall of refrigerator.



Please do not place foods excess the load line and place foods evenly. The load capacity of each shelf is 30kgs. (Fig. 11)



2.7 Power Connection






- Do not cut off or remove three-pin plug.
- Plug unit directly into socket and not through an extension cord.
- In case of failure of power supply, please restart the compressor after five minutes to prevent damage. Any damage of compressor due to low voltage will not be included within the warranty range.

3. OPERATION

Recommend: Before storing any food, it is recommended that refrigerator compressor shall be running until the unit gets to temperature. During this compressor running period, you can check the power wire connection.




3.1 Upright Chiller & Freezer

Functions description of keys under normal working condition:

- **Startup:** Press the power switch button  for 3s.
- **Shutdown:** Press the power switch button  for 3s.
- **Set Temp:** Press  for 3s, the set ting temp. flashing, and then press  or  to adjust the temperature.

After without pressed any key for 6s, it will return to display working temp. display.

In case demisting function is default as "off", if you need to turn on the demisting, you need to change the default demisting setting first..

Manual defrosting: Press  for 3s, then shows  and enters the defrosting model. Press  for 3s again to exit.

Its factory default value of controlling temperature is -2°C.



4.CLEANING

4.1 Interior and Exterior Cleaning

- Before cleaning, please turn unit off.
- Use warm soapy water is used to clean (do not use flammable or toxic substance for cleaning). During cleaning process, wring dry the cloth to prevent water from flowing into the electric component to cause short circuit.

4.2 Condenser Cleaning

- In order to ensure the cooling effect of refrigerator, condenser must be regularly cleaned to prevent dust or grease accumulation, at least monthly, a dust pan brush can be used to remove dust etc.

4.3 Door Seals Cleaning

- In order to ensure good sealing of refrigerator, door seals shall be often cleaned. We recommend cleaning with warm soapy water at least monthly.

5.DISPOSAL

Render old machine unusable:

- 1.Pull out the mains plug,
- 2.Cut off the power cable and discard with the plug,

Caution:

Refrigerants in refrigeration machines and gases in thermal insulation must be disposed of professionally. Please discard the machine according to the local regulations.

6. TECHNICAL SPECIFICATIONS

Model	GUC1737	GUC1140	GUF2737	GUF2140
Parameter	220V/50Hz			
Capacity (L)	550L	1170L	550L	1170L
Working Temp. (°C)	-2~-4°C		-18~-22°C	
Gas	R290	R290	R290	R290
Weight (kg)	130	190	130	190
Climate Class	4/5/7	4/5/7	4/5/7	4/5/7
Dimensions (cm)	737*815*1980	1400*815*1980	737*815*1980	1400*815*1980

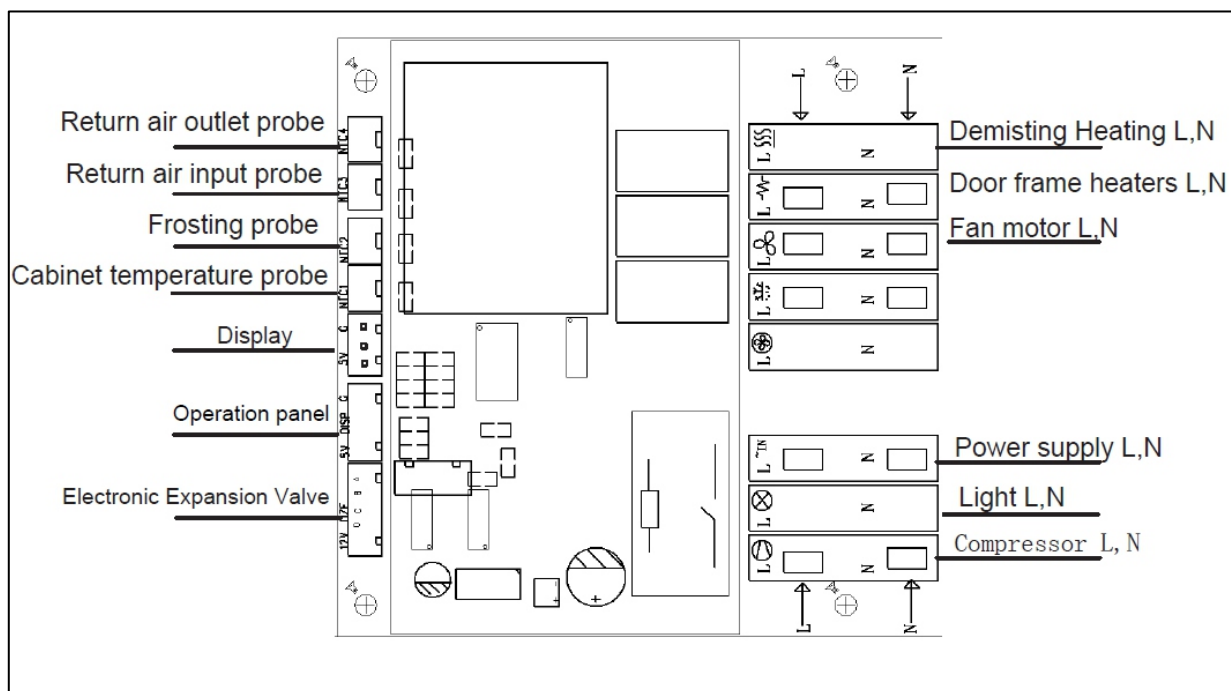
7.TROUBLE SHOOTING

If found that the refrigerator can not work normally, please find out the cause according to the following table.

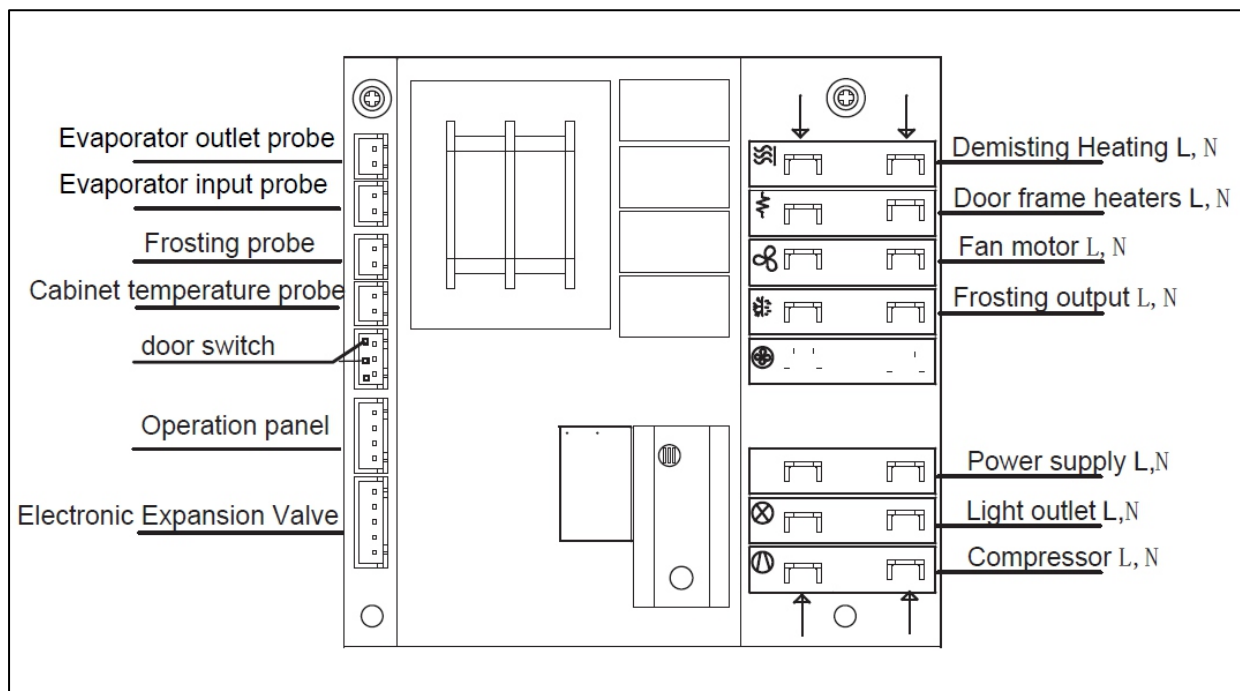
Failure	!!! Cause !!!	Solution
Poor cooling effect	Poor ventilation	Check whether the mounting position is well ventilated
	Condenser is blocked	Clean the condenser filter
	Internally fridge temperature is high	Check stock placement.
		Call service agent.
	Evaporator is icy	Manually defrost unit
		Call service agent.
	Temperature incorrect	Call service agent.
	Ambient temperature is too hot	Improve the ventilation and ambient environment
No power	Power surge or failure	Call service agent.
Noisy	Loud fan noise/ whistle noise	Call service agent.
	Check if there is a build up of ice	Defrost manually
		Call service agent.
	Check whether there are impurities entering into the condenser filter	Check the condenser and clean the filter
Alarm	Display SO or SC, with “beeps” buzzing sound issued	Cabinet temperature sensor failed
	Display ER1, with “beeps” buzzing sound issued	Evaporator liquid inlet sensor
	Display ER2, with “beeps” buzzing sound issued	Evaporator suction inlet sensor
	Display ER3, with “beeps” buzzing sound issued	Evaporator temperature inlet sensor
	Display ER4, with “beeps” buzzing sound issued	Door can not be closed tightly within 3 minutes or door open circuit was damaged

8.WIRING DIAGRAMS

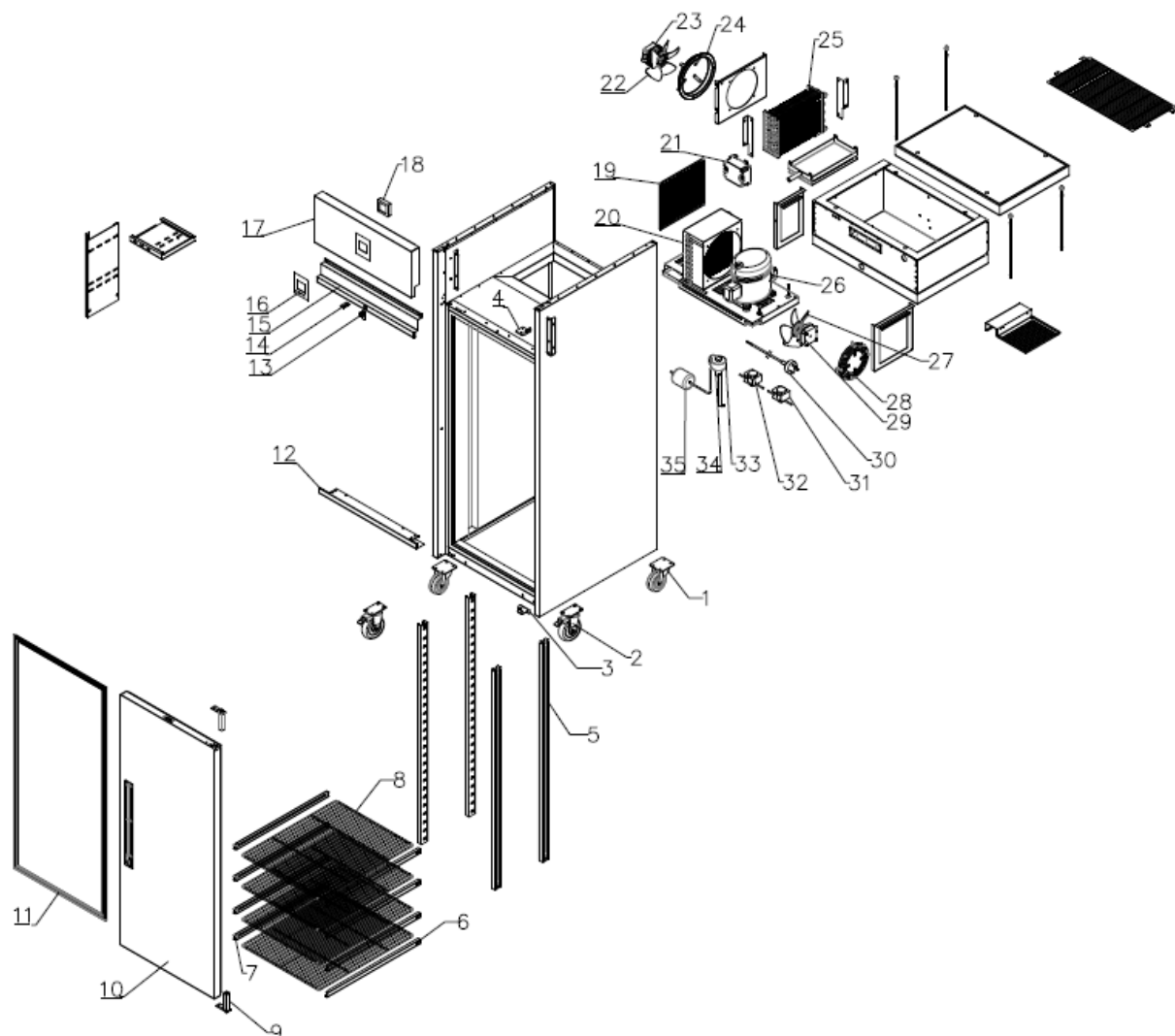
Upright chiller RK625



Upright freezer - RK626

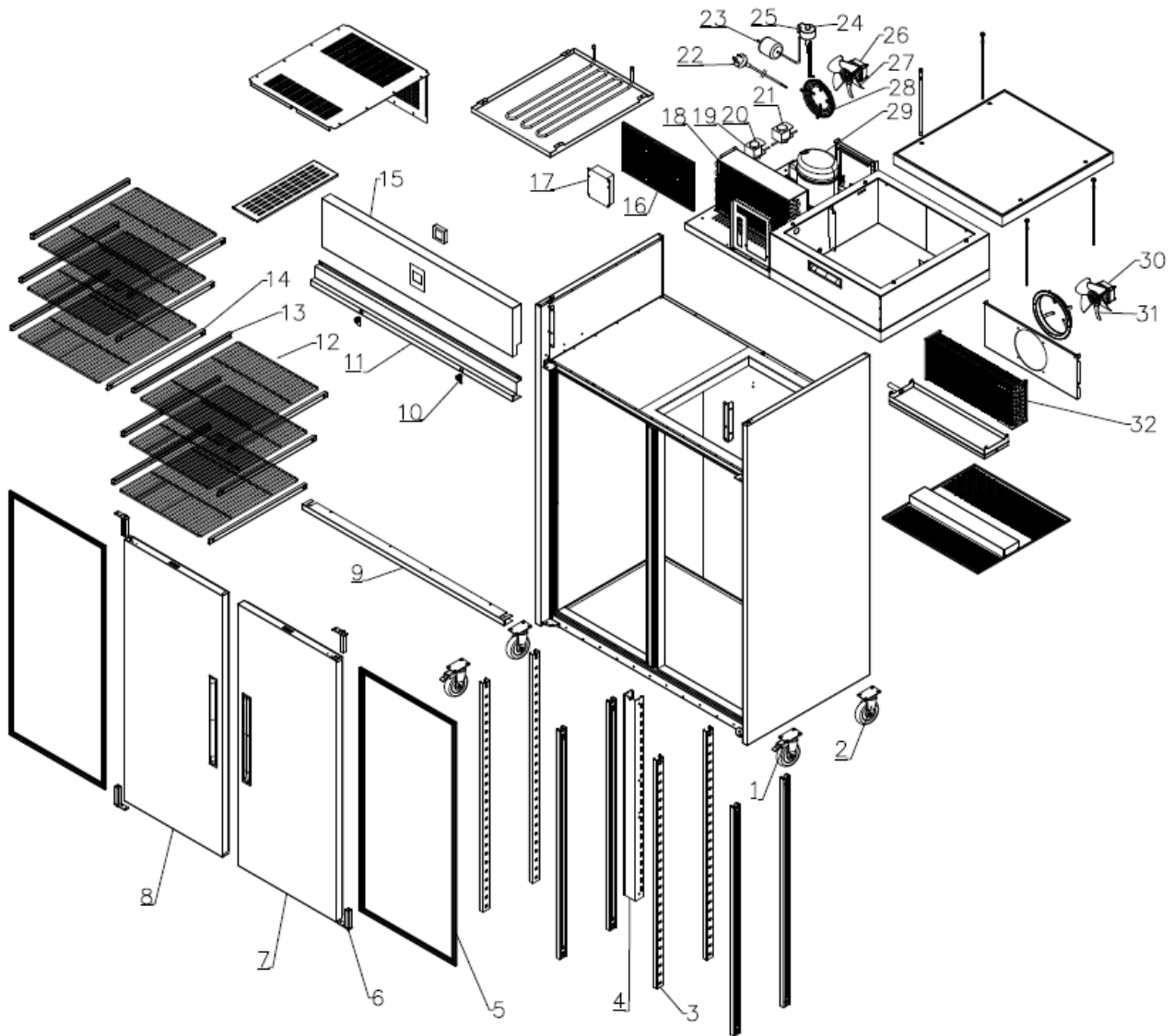


9.PARTS DIAGRAMS



1.Castor	13.Safety lock	25.Evaporator
2.Castor	14.Magnetic switch	26.Compressor
3.Door hinge	15.Front panel of cooling unit	27.Blade of condenser
4.Door hinge	16.Sticker	28.Fan cover
5.Ladder	17.Control panel	29.Condenser fan motor
6.Right supporter	18.LCD screen	30.Power line
7.Left supporter	19.Condenser filter	31.Solenoid valve body
8.Shelf	20.condenser	32.Solenoid valve body
9.Automatic door hinge	21.Controller	33.Electronic expansion valve coil
10.Complete sets of right door	22.Blade of evaporator	34.Electronic expansion valve body
11.Door gasket	23.Evaporator fan motor	35.Dry filter
12.Bottom decoration panel	24.Fan stand	

9.PARTS DIAGRAMS



- 1.Castor
- 2.Castor
- 3.Ladder
- 4.Back ladder
- 5.Door gasket
- 6.Door hinge
- 7.Complete sets of right door
- 8.Complete sets of left door
- 9.Bottom decoration panel
- 10.Safety lock
- 11.Control panel

- 12.Shelf
- 13.Right supporter
- 14.Left supporter
- 15.Front panel of cooling unit
- 16.Condenser filter
- 17.Controller
- 18.Condenser
- 19.Electronic expansion valve coil
- 20.Solenoid valve body
- 21.Solenoid valve body
- 22.Power line

- 23.Dry filter
- 24.Electronic expansion valve coil
- 25.Electronic expansion valve body
- 26.Evaporator fan motor
- 27.Blade of condenser
- 28.Fan cover
- 29.Compressor
- 30.Evaporator fan motor
- 31.Blade of evaporator
- 32.Evaporator



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INTERNATIONAL CATERING EQUIPMENT

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