



CH 102
CH 1040A
DM 230A
DM 450A
DM 550A
DM 650B

FREEZER

Trouble	Possibilities	Check up	Solutions	Remarks	
Compressor does not work	Power is off	The fuse is broken	Check the fuse	Replace the fuse	If it is necessary please contact after-sales service for repair
		The connection between plug and socket is not good	Check the socket	Repair or replace the socket	
		The circuit of input and output is out of use	Make sure that the power is on	Check the circuit with electric instrument	
	The thermostat knob is not in the proper position	Check the thermostat	Rotate the thermostat to the proper position	Ask for professional help	
Compressor keeps on working	The temperature inside is too high	Frost on the evaporator is too thick	Check whether the frost is thicker than 6-8mm	Defrost regularly	
		The door is being opened too frequently		Reduce the times of opening	
		Too much food has been stored at once		Take out some of the food	
	The temperature inside is OK	The ambient temperature is too high while the thermostat indicates a small number	Make sure whether the knob is indicating at the "5-6" (or deeper)	Adjust the thermostat knob	The thermostat knob on "2-4" is better (or proper)
		The thermostat does not work		Replace the thermostat	Ask for after-sales service
Too noisy	The floor is not level	Make sure that the freezer is level	Put pad under the castors		
	The screw in fan or condenser is loose	The screw is loose	Rotate the fixed screw		
	The refrigerating circuits touch each other		Separate them		

MAIN FUNCTION INDEX

Model Item	CH 102	CH 1040A	DM 230A	DM 450A	DM 550A	DM 650B
Climate classification	N	T	T	T	T	N
Anti-shock safety classification	I	I	I	I	I	I
Rated voltage	220-240V	220-240V	220-240V	220-240V	220-240V	220-240V
Rated frequency	50HZ	50HZ	50HZ	50HZ	50HZ	50HZ
Power input	68W	52W	82W	98W	110W	150W
Power consumption (kw.h/24h)	0.56	0.46	0.6	0.72	0.84	1.46
Refrigerant R600a	38g	54g	65g	85g	93g	125g
Weight	31kg	31kg	40kg	54kg	61kg	82kg

1.POWER PLUG 2.GREEN LAMP 3.SWITCH 4.INTERNAL LIGHTING
5.YELLOW SWITCH 6.THERMOSTAT 7.MOTOR PROTECTOR
8.COMPRESSOR 9.FAN 10.STARTER 11.RED LAMP 12.RUNNING CAPACITOR

Note:
CH102 Without Running Capacitor.
CH102/1040A Without Yellow Switch.
CH102/1040A/DM230A Without Internal Light
Only DM650B With Fan.

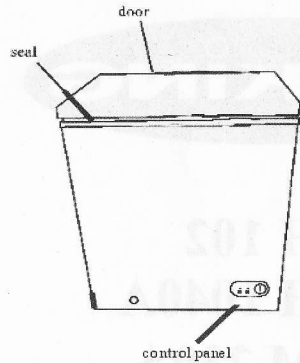
INSTRUCTION MANUAL:

Index:

- Diagram
- Transportation and installation
- Adjustment and running
- Safety precautions
- Freezing methods
- Trouble shooting
- Main function index
- Wiring diagram

- Read carefully before using the freezer
- Keep it for further reference

DIAGRAM



TRANSPORTATION AND INSTALLATION

1. Place on level floor and remove the bottom packing, in order to decrease the shock and noise.
The angle between the compartment body and ground should be no more than 45°
2. Enough space should be left between the freezer and the wall for ventilation.
3. Place the freezer away from heat source and do not expose to direct sunshine.
4. Do not install where there is moisture or where it can easily be splashed by water.
5. Do not place the freezer in environment prone to freezing.
6. The appliance should not be used in open air and should not be exposed to rain.

ADJUSTMENT AND RUNNING

1. Adjustment of temperature: The storing temperature can be adjusted by the thermostat of the compartment.
The thermostat should be adjusted according to different environment temperature and the food by rotating the knob of the thermostat. The knob rotates clockwise from "1" to "7" (or direction arc) and the inside temperature turns down in summer (anti-clockwise rotation) and up in winter (clockwise rotation). It is usually fixed to a certain point before leaving the factory.
Do not adjust too often or touch the other parts.
2. Trial running: plug in and wait. The marked drop in temperature within half an hour indicates that the freezer works properly.
The compressor should be left to run for a period of time (6 hours in summer 4 hours in winter) before putting the food in.

SAFETY PRECAUTIONS

1. The freezer should use a single 3-pin socket with (13A) fuse. A multi-plug outlet should not be used.
2. You should install a suitable automatic voltage regulator not less than 500w when the voltage is outside the range from 187V to 242V.
3. The sockets of the freezer should be connected to stable fixed connection. Under no circumstance should the wiring be connected to such facilities as water pipe, gas pipe and so on.

4. Once power is cut off, wait for at least 5 minutes before plugging in again to avoid damaging the compressor or the system.
5. Do not put combustible, explosive or volatile dangerous articles, heavily corrosive acid or alkali of liquid in glassware into the freezer.
6. Children should be kept away from the freezer to avoid damage to the inner container or any accidents being incurred.
7. If the power cable damages, for avoid dangerous, must by manufactory or its maintain a set or similar profession job the personnel replaces.

FREEZING METHODS

1. Do not put too much food into the freezer or exceed the loading line.
2. Proper space should be allowed between foods to ensure cooling air circulation.
3. Never use corrosive detergent, hot water, or washing powder to clean the freezer.
4. Do not use water to scour the freezer. Do not use hard brushes or wire brushes to clean the freezer.
5. Do not use metal or sharp tools for defrosting.
6. Do not use electric heaters to heat up and defrost.
7. The green lamp is a power indicating lamp. When the power is on, the lamp will be on.

TROUBLE SHOOTING:

The design and production comply with the relative security standard of China. If you find it does not work as usual, please examine and handle it according to the following table first. If the situation does not improve, you must contact our after-sale service center or our special repair division to examine and repair the appliance.

The following problems are not causes of break down:

Problems	Causes and resolutions
There is a sound of liquid flowing in the freezer	It is the sound of refrigerant flowing in the circulating pipeline of the refrigerating system. It is normal.
Too noisy	The freezer is not installed in a level ground. Change the position.
The refrigerating system does not work for a long time but the inside temperature is very low.	It is an indicator of high quality for its good insulation and low cooling retention. It is normal.