



Refrigerator

OPERATION INSTRUCTIONS



MAXIMA - NIJVERHEIDSWEG 23 A/D - 3641 RP MIJDRECHT - THE NETHERLANDS - +31 (0) 297 253 969

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Thank you for choosing and purchasing our product. Please carefully read the operation instructions before use for a correct application and satisfactory effect.

This appliance compliance with the requirement of directive 2006/42/EC.

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Note

1. The electric circuit diagram and parameters on the product nameplate are final ones if they have been changed.
2. The design might be improved without notice.



WARNING : Refrigerant is facility burning of R600a, please protect against fire.



Meaning of crossed out wheeled dustbin:

Do not dispose of electrical appliances as unsorted municipal waste, use separate collection facilities.

Contact you local government for information regarding the collection systems available.

If electrical appliances are disposed of in landfills or dumps, hazardous substances can leak into the groundwater and get into the food chain, damaging your health and well-being.

When replacing old appliances with new ones, the retailer is legally obligated to take back your old appliance for disposals at least free of charge.

Major Parameters

Model	MSHC125L-F&B
Coolant and injection quantity(g)	R600a(50)
General Rated input power(W)	160
Kind of weather	4
Refrigeration temperature(°C)	0-12
Electric shock protection class	I
Rated voltage(V~)	220-240
Rated Frequency(Hz)	50
Rated Current (A)	1.4
Lamp Power(W)	2(LED)
Total effective volume(L)	125
Net weight(kg)	54
Overall dimension (mm) (LxWxH)	702x568x686

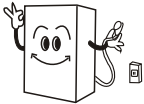

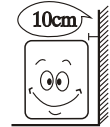
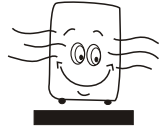
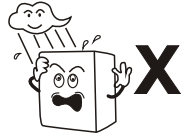
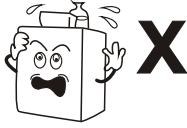
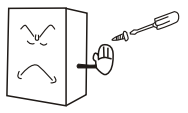

General

1. Top brand fully enclosed compressor is used on the desktop refrigerator. The refrigerant R600a is of an environmentally friendly agent. It features a rational configuration of refrigeration system with blower forced air cooling. The temperature is quite even inside the refrigerator.
2. Double hollow transparent glasses are used on door and body. It features an artistic and elegant appearance, perfect perspective and easy access.
3. It has a wide application in department store and house as well as the meeting room and sitting room.

Structure and Parts

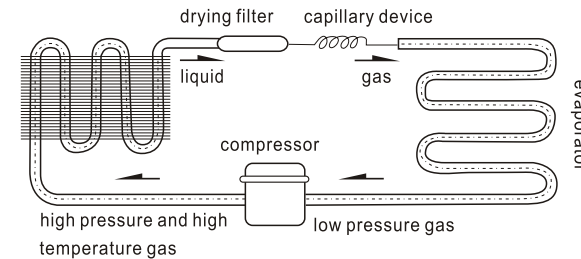


Handle and Erection

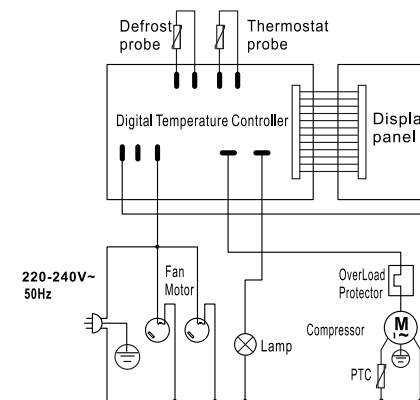
<p>Handle with care Unplug the wall socket first. Never tilt it over 45 degree during handling.</p> 	<p>Dry place Always locate the refrigerator at a dry place.</p> 
<p>Sufficient space The distance from both sides and back of refrigerator to wall or other substance must be less than 10cm. The refrigeration capability might be decreased if its surround space is too small to circulate air.</p> 	<p>Well ventilation Always locate the refrigerator at a place with fine ventilation. For the first time use, wait for 2 hours after handling and then plug the wall socket and start it.</p> 
<p>Far from heat source Never place the refrigerator directly under the sunshine. Never locate it nearby any heat source or heater to prevent it from reducing refrigeration capability.</p> 	<p>No heavy load Never put any heavy load on the top of the refrigerator.</p> 
<p>No hole making Never make hole on the refrigerator. Never install other matter on the refrigerator.</p> 	<p>Stable location To avoid the unexpected noise and vibration, Unpacking and locate the refrigerator on a flat and solid place.</p> 

Principle of Refrigeration System and Electric Circuit Diagram

The principle of compression refrigeration consists of “compression” , “condensation” , “throttling” and “vaporization” . The compression is undertaken by compressor, the condensation is completed by condenser, the throttling valve is executed by capillary and the vaporization is implemented by evaporator. When the coolant is circulating in the closed refrigeration system, the compressor sucks coolant, which has absorbs heat in evaporator, the coolant becomes a high pressure and high temperature gas. In condenser, it dissipates heat in air, while the coolant is re-liquefied and throttled in capillary and then enters into evaporator with low pressure. The liquefied coolant quickly boils and vaporizes into gas when the pressure suddenly drops. Meanwhile, it absorbs heat inside the refrigerator. And the compressor sucks the low pressure and low temperature gaseous coolant,It is circulating in this way up to realization of intended refrigeration.



Circuit Diagram



Maintenance

1. Notice
Always unplug the unit before performing any form of maintenance
Clean the fridge regularly using a clean, damp cloth. Do not use cleaning detergents
sucks as soap, acetone or gasoline
2. Clean Outside
Dip a soft cloth in a mild detergent (washing up liquid) to clean the outside, and then
wipe off with a dry soft cloth.
3. Clean Inside
Remove the tray and clean with water
Use a soft, damp cloth to wipe the interior
4. Turning off for prolonged periods
Take out all food and unplug the unit from the wall.
Clean both the inside and outside of the fridge thoroughly and open the door to allow
it to dry.
Be careful as the glass can easily be broken.
5. Replacement of the light
If the LED is damaged it must be replaced by the manufacturer or their service agent.

Trouble Shooting

Problem	Cause	Remedy
No refrigeration	Is the plug in the socket correctly?	Check the plug
	Is the fuse broken?	Check fuse and replace if needed
	Is there no power from the socket?	Plug another unit into the socket to check if it works
Unsatisfactory Refrigeration	Is it in direct sunlight or near a heat source?	Move away from the heat source
	Is the surrounding area bad for ventilation?	move to an area with improved ventilation
	Does the door close correctly? Is the door left open?	Check the door
	Is the unit too full?	Remove some food
	Is the temperature controller correct	Check the controller
Unit is making irregular noise	The fridge is not sitting level	Move to a flat surface
	The fridge is vibrating off something else	Move the unit so it is not touching anything
	There is a loose part in the refrigerator	Check the interior for loose items
Contact the manufacturer for help if simple trouble shooting does not solve the problems		

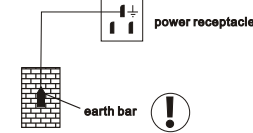
Note

The following occurrences are not problems
The noise of water is heard when the fridge is working, this is a natural occurrence as the coolant is circulating the system.
Condensation may be found on the outside of the fridge. This is not a problem, it is caused by humidity, simply use a cloth to wipe it.

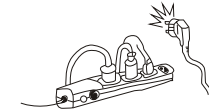
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Setup and Power

Power Requirements
The unit requires a power supply of 220-240V~. It should only be plugged in to a single, plug socket of its own.



Common Sockets
Never use a multiple plug extension lead for this product



Protect the cables
Never break, damage, cut or otherwise modify the power cables as this can lead to fire and electrocution



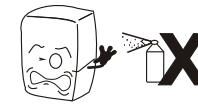
Keep away from Water
Never flush the refrigerator with water, only use a clean, damp cloth to wipe it down.



Flammables and explosives
Keep all flammable and explosive substances away from the fridge as the heat generated by the compressor could cause a fire.



Flammable Spray
Never spray or clean the unit with a flammable spray.



Power Cut
After a power cut or unit shut down please allow at least 4 minutes before plugging in the unit and re-starting it again.



Not Suitable for Medicine
This refrigerator is not suitable for the storage of medicinal products.



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Usage Instructions

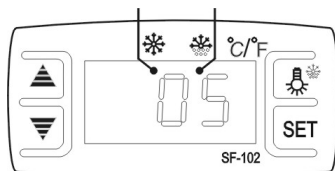
1. Before use:

Plug the fridge in to an exclusive 220-240V~ socket

Once the fridge has been running place your hand on the air extractor to confirm that it is sufficiently cold once you are happy then you may put food inside.

2. Digital temperature controller:

Refrigerant LED Defrost LED



Features Of Function

- It is a mini-sized and integrated intelligent controller and applicable to the compressor of one Hp.
- The main functions are: Temperature Display/Temperature control/Manual, automatic defrost by burning off/Illumination Control/Value Storing/self Testing/parameter Locking.

Front Panel Operation

1. Set temperature

Press **SET** button, the set temperature is displayed.

Press **▲** or **▼** button to modify and store the displayed value,

Press **SET** button to exit the adjustment and display the cold-room temperature.

2. If no more button is pressed within 10 seconds, the cold-room temperature will be displayed.

3. Illumination: Press **LED** button, it lights; Press again, it stops.

Manual start/stop defrost: Press **LED** button and hold for 6 seconds to defrost or stop defrost.

4. Refrigerant LED: During refrigeration, the LED is on; When the cold room temp. is constant, the LED is off; During the delay start, the LED flashes.

5. Defrost LED: during defrosting, the LED is on; When it stops defrosting, the LED is off; During the delay display of defrost, the LED flashes.

6. Digital controller reset

When display shows "Disorder", press **▼** button for 2s until buzzer rings, quickly press **▲** button for 6s until buzzer rings again, the display will flash for 3s and it restores factory setting.

3. Cautions

Shorten the door open time and reduce open frequency is good to keep a cold temperature inside the refrigerator.

Never block the air suction and outlet. Keep air circulation and refrigeration capability.

Do not make food congested as it will influence the cooling effect.

Adjust the rack height for proper food storage.

Cool the hot food down to room temperature before you put it into the refrigerator.

Try to reduce the open times and keep refrigerator inside cold in case the power is cut off.

Only skilled service man is allowed to repair the damaged power cable with special tools.

Never touch compressor to avoid from scald.

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

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

Children should be supervised to ensure that they do not play with the appliance.

The operation manual are not suitable for the persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge.

Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.

During normal operation, the emission noise level does not exceed 70dB(A)

The maximum loading of the Shelf does not exceed 18kg.

The climatic class of the appliance is 4, the Units are suggested to be used at 16°C-32°C ambient temperature.

To avoid damages or other problems, this product can not be put or stored with any corrosive food.

WARNING: Keep ventilation openings, in the appliance enclosure or in the built-in structure, clear of obstruction.

WARNING: Do not use mechanical devices of 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 compartments of the appliance, unless they are of the type recommended by the manufacturer.