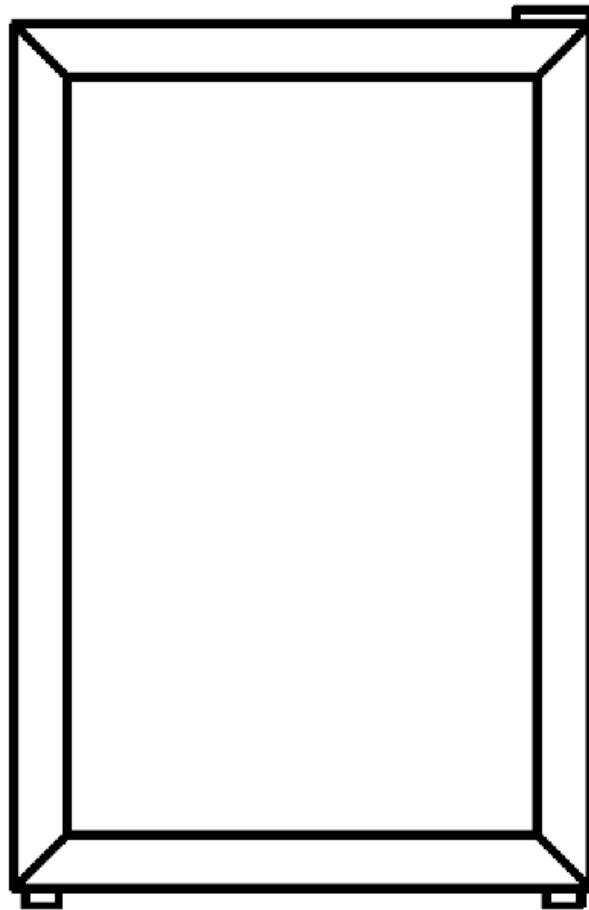


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MKH60
Instruction Manual

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 WARNING	TO REDUCE THE RISK OF FIRE, ELECTRICAL SHOCK, OR INJURY WHEN USING YOUR FREEZER, FOLLOW THESE BASIC PRECAUTIONS:
• READ ALL INSTRUCTIONS BEFORE USING THE FREEZER. • RISK OF DANGER TO SMALL CHILDREN AND SMALL ANIMALS. ENTRAPMENT AND SUFFOCATION DANGER IF NOT PROPERLY SECURED. DISPOSED OR ABANDONED APPLIANCES ARE STILL DANGEROUS • BEFORE YOU DISPOSE OF YOUR FREEZER: REMOVE THE DOOR TO PREVENT CHILDREN FROM CLIMBING INTO THE UNIT. • NEVER ALLOW CHILDREN TO OPERATE, PLAY WITH, OR CRAWL INTO THE APPLIANCE. • NEVER CLEAN FREEZER PARTS WITH FLAMMABLE FLUIDS. THE FUMES CAN CREATE A FIRE HAZARD. • DO NOT STORE OR USE GASOLINE OR ANY OTHER FLAMMABLE VAPORS AND LIQUIDS IN THE VICINITY OF THIS OR ANY OTHER APPLIANCE. THE FUMES CAN CREATE A FIRE HAZARD. • KEEP VENTILATION OPENINGS, IN THE APPLIANCE ENCLOSURE OR IN THE BUILT-IN STRUCTURE, CLEAR OF OBSTRUCTION. • DO NOT USE MECHANICAL DEVICES OR OTHER MEANS TO ACCELERATE THE DEFROSTING PROCESS, OTHER THAN THOSE RECOMMENDED BY THE MANUFACTURER. • 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. • WHEN POSITIONING THE APPLIANCE, ENSURE THE SUPPLY CORD IS NOT TRAPPED OR DAMAGED. • DO NOT LOCATE MULTIPLE PORTABLE SOCKET-OUTLETS OR PORTABLE POWER SUPPLIES AT THE REAR OF THE APPLIANCE.	

SAFETY PRECAUTIONS

Read all of the instructions before using this appliance. When using this appliance, always exercise basic safety precautions, including the following:

- Do not use if the power supply cord is damaged. If damaged, it must be replaced by qualified technician/electrician.
- Ensure the upright freezer is unplugged before cleaning or if not in use.
- To clean the upright freezer, use only mild detergents or glass cleaning products. Never use harsh chemicals or solvents.
- Do not use this upright freezer with an extension cord or power strip. Please ensure that the appliance is plugged directly into the electrical outlet.
- Close the upright freezer door immediately after opening.
- Avoid placing the upright freezer near external heat sources or direct sunlight.
- Make sure the upright freezer is placed on a flat, level, and solid surface.
- Make sure that the surface on which the upright freezer is placed is strong enough to hold the unit when it is full.
- The upright freezer is an electrical appliance. To avoid serious injury from electrical shock, do not operate the upright freezer with wet hands, while standing on a wet surface, or while standing in water.
- Do not expose this appliance to rain or excessive moisture.
- Do not turn the upright freezer upside down, on its side, or 45° or more off level.
- Never pull the power cord to disconnect the unit from an outlet. Grasp the plug directly and pull it from the outlet.
- This upright freezer is designed for non-commercial use only.
- Do not plug this upright freezer into the power socket before setup is completed.
- The power cord should be secured behind the unit and should not be left exposed or dangling.
- Do not move this upright freezer without securing the door.
- Performance may vary based on operational and ambient conditions.

ELECTRICAL REQUIREMENTS



DANGER



Electrical Shock Hazard

Plug into a grounded 3-prong outlet.
Never remove the grounding prong from the plug.

Before you move your upright freezer into its final location, it is important to make sure you have the proper electrical connection:

- A standard electrical supply(230V,50Hz ,10 A), properly grounded in accordance with the National Electrical Code and local codes and ordinances, is required.
- It is recommended that a separate circuit, serving only your upright freezer, be provided. Use receptacles that cannot be turned off by a switch or pull chain.
- The fuse (or circuit breaker) size should be 10 amps.

Recommended grounding method

For your personal safety, this appliance must be grounded. It is equipped with a power supply cord having a 3-prong grounding plug. To minimize possible shock hazard, the cord must be plugged into a mating 3-pronged and grounding-type wall receptacle, grounded in accordance with the National Electrical Code and local codes and ordinances.

Technical Information

Voltage	AC230V
Frequency	50Hz
Input Power	75W
Refrigerant	R600a,38g
Unit Temperature Range	0 °C ~ 8 °C
Operating Temperature Range	15 °C ~ 32 °C
Rated Current	0.5A
Volume	62L
Weight	21Kg
Unit Dimensions	440W x 505Dx695H mm
Control Type	Mechanical
Defrost Type	Manual
Lock	No
Cabinet Shelves (Total)	2

NOTE: Technical data and performance information provided for reference only. Specifications are subject to change. Check the rating label on the upright freezer for the most accurate information.

INSTALLATION



WARNING



Excessive Weight Hazard

Two or more people should move and install upright freezer. Failure to do so can result in back or other injury.

Remove packaging materials

IMPORTANT: Do not remove any permanent instruction labels or the data label on your upright freezer

Remove tape and glue from your upright freezer before using

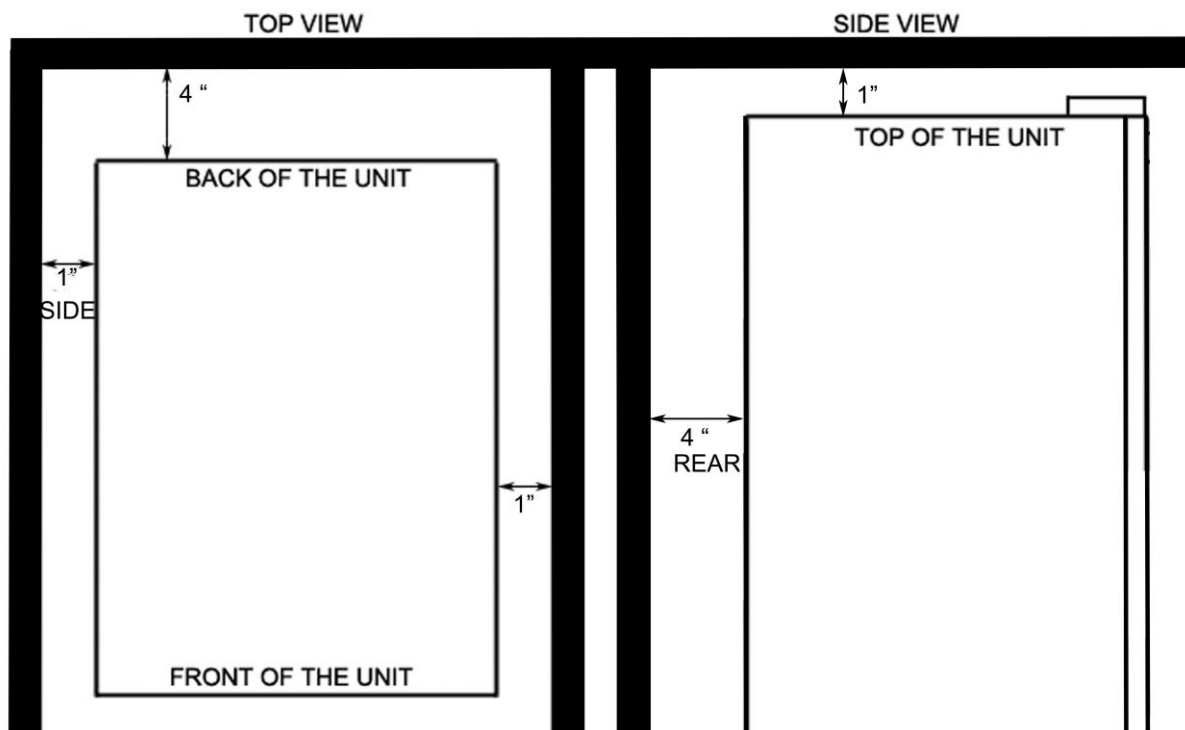
- To remove any remaining tape or glue, rub the area briskly with your thumb. Tape or glue residue can also be easily removed by rubbing a small amount of liquid dish soap over the adhesive with your fingers. Wipe with warm water and dry.
- Do not use sharp instruments, rubbing alcohol, flammable fluids, or abrasive cleaners to remove tape or glue. These products can damage the surface of your upright freezer.

Cleaning before use

After you remove all of the packaging materials, clean the inside of your upright freezer before using it. See the "Usage Tips" in the Cleaning and Maintenance section.

INSTALLATION CLEARANCES

Your freezer should be conveniently located for day-to-day use in a dry, well-ventilated room. Do not install the freezer where the temperature will go below 15 °C or above 32 °C, because it will not maintain proper temperatures. Be sure to install your freezer on a floor strong enough to support it when it is fully loaded.



Free-standing installation

A free-standing installation will allow you to install the upright freezer in any place you desire provided that the required clearance space around the appliance is respected. In every setting, there must be

adequate ventilation and access for service. Never install or operate the unit in an enclosed area, such as a closed cabinet.

- Before connecting the upright freezer to the power source, let it stand upright for approximately 4 hours. This will reduce the possibility of a malfunction in the cooling system from handling during transportation.
- To ensure proper service access and ventilation, allow at least 4" clearance at rear, and 1" at top and sides. The installation should allow the upright freezer to be pulled forward for servicing if necessary.
- When installing the upright freezer under a counter, follow the recommended spacing dimensions shown.
- This unit **MUST** be installed in an area protected from the elements, e.g., wind, rain, water spray or drips. Do NOT use the upright freezer in outdoor setting.
- The upright freezer should not be located next to ovens, grills or other high heat resources.
- Too much humidity in the air will cause frost to form quickly on the evaporator requiring more frequent defrosting of the upright freezer.
- The upright freezer must be installed with all electrical requirements followed.
- The unit should be located on a hard and level surface that can support the unit when it is full. It is important for the upright freezer to be level in order to work properly. If needed, you can adjust the height of the upright freezer by turning the feet. See the "Leveling the Upright Freezer" section.
- A standard electrical supply (230 VAC only, 50 Hz, 10A), properly grounded in accordance with National Electrical Code and local codes and ordinances is required.
- **IMPORTANT:** Do not kink or pinch the power supply cord between the upright freezer and wall or cabinet.

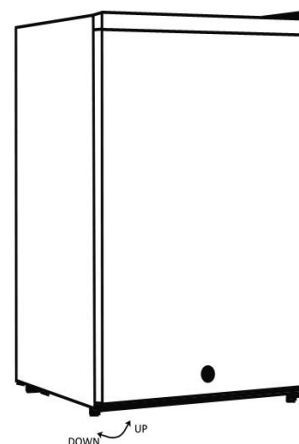
Leveling the upright freezer

It is important for the upright freezer to be leveled in order to work properly. It can be raised or lowered by turning the two feet on the bottom of the machine. If the upright freezer is not leveled during installation. The doors may not close or seal properly, causing cooling, frost, or moisture problems. It is very important that the upright freezer is at level in order to function properly.

Note: The leveling foot under the door hinge is smaller than the other leveling foot.

We recommend using a carpenter's level to check the machine.

1. Place a carpenter's level on top of the product to see if the upright freezer is level from front to back and side to side.
2. Adjust the height of the feet as follows:
 - Turn the leveling feet to the right to lower that side of the upright freezer
 - Turn the leveling feet to the left to raise that side of the upright freezer.



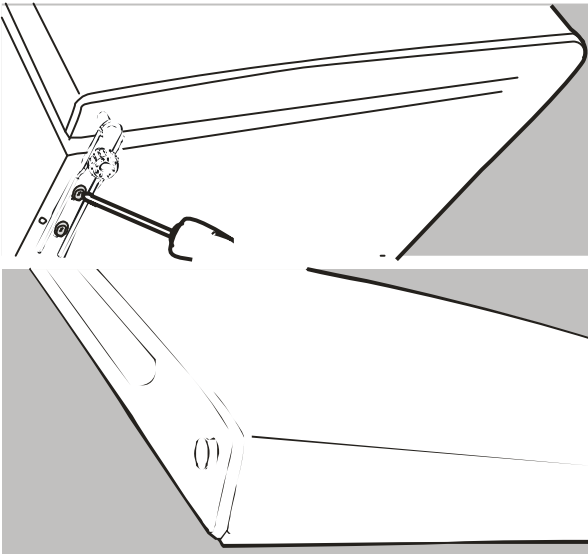
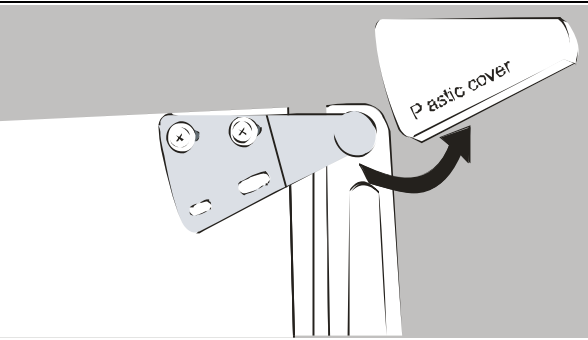
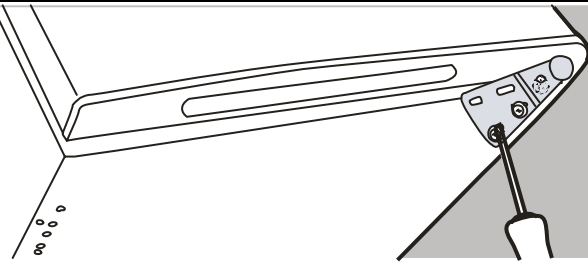
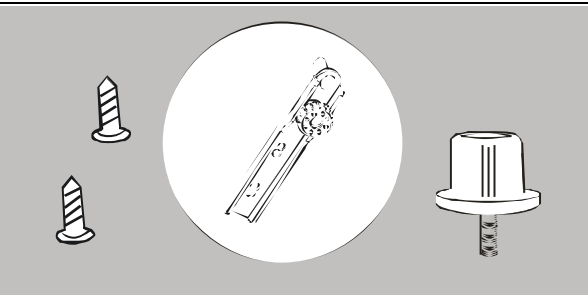
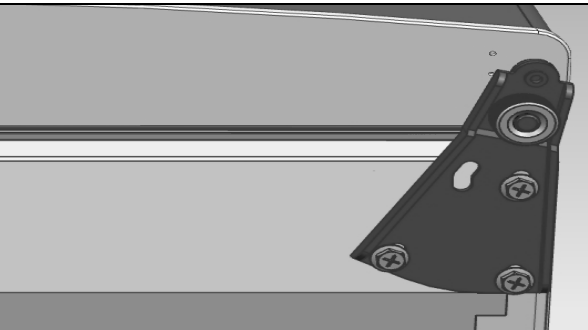
Reversing the Door Swing

Tools needed: Flathead screwdriver, Phillips screwdriver

Note: To avoid injury to yourself and property, we recommend someone assist you during the door reversal process

This appliance has the capability of the door opening from either the left or right side. Please ensure the appliance is unplugged and empty. Please follow the following instructions:

To take the door off, it is necessary to tilt the appliance backward. You should rest the appliance on something solid (e.g. chair) just below the top panel so you can access the bottom of the upright freezer. DO NOT lay the appliance completely flat as this may damage the coolant system.

1. Start by removing the bottom hinge from the bottom of the freezer. Unscrew the two screws from the bottom hinge. Remove the foot from opposite side. Slide the door down, away from the hinge pin located on the top of the door.	
2. Remove the top hinge cover from door first. Then unscrew the two screws from top door hinge and replace on the other side.	
3. To install the top hinge on the left side of the appliance, secure the two screws through the hinge and into the top of the appliance. Slide the door back on to the top hinge. Ensure the door is face up. Replace the top hinge cover on the top hinge by pressing down until it clicks into position.	
4. Screw the bottom hinge into place on the new side. Replace the foot on the other side.	
5. Ensure the door is aligned horizontally and vertically and that the seal is closed on all sides before finally tightening the bottom hinge. Re-adjust the leveling feet.	

OPERATION

To obtain the best possible results for your upright freezer, it is important that you operate it properly.

Temperature Control

The temperature in the upright freezer is controlled by the thermostat control knob. The thermostat control box is located in the compressor compartment at the back of the unit. To operate this control, turn the thermostat control knob up or down to regulate the temperature inside the upright freezer. The "1 – 6" numbers and "OFF" markings on control knob indicates the different temperature settings.

Position "1" being the warmest and position "6" being the coldest.

NOTE: The temperature will not go above freezing even when unit is set to "1" setting.

Normal Sounds

Your new upright freezer may make sounds that are not familiar to you. Hard surfaces like the floor, walls can make the sounds seem louder than they actually are. The following describes the kinds of sounds that might be new to you and what may be making them.

- Rattling noises may come from the flow of the refrigerant or the water line, items stored on top of the upright freezer can also make noises.
- The high efficiency compressor may make a pulsating or high-pitched sound.
- As each cycle ends, you may hear a gurgling sound due to the refrigerant flowing in your upright freezer

CLEANING AND MAINTENANCE



Before proceeding with cleaning and maintenance operations, make sure the power line of the unit is disconnected. Do not touch the power plug when your hands are wet. Never unplug the unit by pulling on the plug.

NOTE: *Do not use mechanical devices or other means to accelerate the defrosting process. DO NOT pour hot water directly into compartment or heat with hair dryer while defrosting, which may warp the inner case.*

Cleaning Your Upright Freezer

Keep the finish clean

Wipe with a clean cloth lightly dampened with appliance polish wax or mild liquid dishwashing detergent. Dry and polish with a clean, soft cloth. Do not wipe the freezer with a soiled dishwashing cloth or wet towel. Do not use scouring pads, powdered cleaners, bleach, or cleaners containing bleach.

Inside

Clean the inside of your freezer at least once a year. We recommend that the freezer be unplugged before cleaning. If this is not practical, wring excess moisture out of sponge or cloth when cleaning in the vicinity of switches, lights or controls. Use warm water and baking soda solution—about a tablespoon of baking soda to a quart of water. Rinse thoroughly with water and wipe dry. Do not use cleaning powders or other abrasive cleaners. DO NOT wash removable parts in a dishwasher. An open box of baking soda in the freezer will absorb stale freezer odors. Change the box every three months.

NOTE:

- *Care should be taken in moving the freezer away from the wall. All types of floor coverings can be damaged, particularly cushioned coverings and those with embossed surfaces.*
- *Damp objects stick to cold metal surfaces. DO NOT touch interior metal surfaces with wet or damp hands.*
- *Freezer must be unplugged to avoid electrical hazard from power source when defrosting unit.*

CAUTION

The upright freezer must be thoroughly cleaned if it has been left unused for a long time.

PROLONGED OFF PERIODS

If the upright freezer is not to be used for a long period of time, please disconnect unit from main power supply. Clean and dry the inside as instructed. Leave the door open to prevent any mold and mildew growth.

USAGE TIPS:

- Keep the upright freezer's door closed as much as possible. Try not to open the door too frequently, especially when weather is hot and humid
- Ensure that the unit has sufficient clearance for ventilation, especially behind the unit.
- For normal household use, it is recommended to set the thermostat in the middle setting.
- Before loading the upright freezer with item, make sure they are cooled to ambient temperature.
- Ice and frost layer increase energy consumption, defrost when frost is 3-5 mm thick.

PREPARING FOR VACATION

To maintain freezer in operation during vacations, be sure your house power is not turned off. If your freezer is to be left empty, disconnect power cord plug from wall outlet. To prevent formation of odors, place open box of baking soda in freezer and leave freezer door/lid open.

ENERGY SAVING TIPS

The freezer should be located in the coolest area of the room, away from heat-producing appliances or heating ducts, and out of direct sunlight. Let hot foods cool to room temperature before placing in the freezer. Overloading the freezer forces the compressor to run longer. Foods that freeze too slowly may lose quality or spoil. Be sure to wrap foods properly, and wipe containers dry before placing them in the freezer. This cuts down on frost buildup inside the freezer

Freezer shelves should not be lined with aluminum foil, wax paper or paper toweling. Liners interfere with cold air circulation, making the freezer less efficient. Organize and label food to reduce door openings and extended searches. Remove as many items as needed at one time, and close the door as soon as possible.

TROUBLESHOOTING

Many common upright freezer problems are easily resolved. Try the troubleshooting suggestions below to see if the problems can be resolved before having to contact the service department.

Problem	Possible Cause	Probable Correction
The machine won't operate.	- The upright freezer is unplugged. - The upright freezer power switch is OFF	- Plug the upright freezer in. - Turn the upright freezer power on by turning the temperature control knob
Noise during operation	- The feet are not leveled and locked. - Certain sounds are normal	- Level and lock the feet. See Leveling the upright freezer - See "Normal Sounds"
The upright freezer does not cool sufficiently	- Door being opened frequently - Door left open for a while - Not enough adequate clearance - Upright Freezer is overfilled - Ambient temperature is high	- Refrain from opening the upright freezer door recurrently - Make sure to close upright freezer door - Follow recommended clearance measurements. See Installation Clearances
The machine is not cooling.	- Unit is OFF - Freezer is unplugged - Circuit breaker is tripped - Door is open - Too frequent or too long door openings	- Move the control to a temperature setting - Push the plug completely into the outlet - Reset the breaker - Check to see if an object is holding the door open
Excessive frost buildup	- Door/lid left open too frequent or too long door openings - High humidity	Check to see if an object is holding the door open
Freezer external surface is warm	The external freezer walls can be as much as 30°F warmer than room temperature	This is normal while the compressor works to transfer heat from inside the freezer cabinet
Moisture forms on inside freezer walls	- Weather is hot and humid, which increases internal rate of frost buildup - Door may not be seating properly - Door is kept open too long, or is opened too frequently	- This is normal - Check door installation - Open the door less often
Odors in freezer	- Interior needs to be cleaned - Food with strong odors are in the freezer	Clean interior with sponge, warm water, and baking soda

The following characteristics are normal and should not be looked upon as a problem:

- A gentle trickling (water) sound caused by coolant flowing through the pipe.
- Compressor operating at high temperature.



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