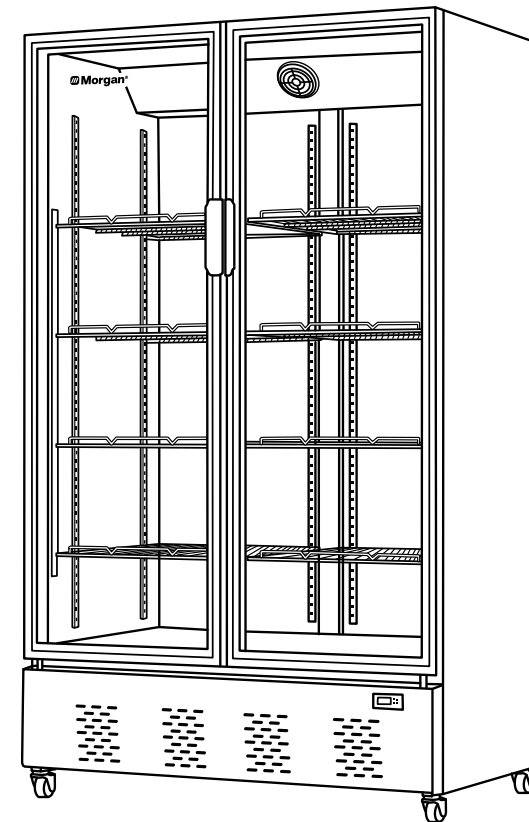


USER MANUAL

Morgan®




CHILLER SHOWCASE

MCS-850D



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 facebook.com/morganappliances

Thank you for purchasing a quality MORGAN appliance. We trust that you will have a pleasant experience with your new product. To guarantee safety and best efficiency, please read this manual carefully and keep a copy for future reference.

IMPORTANT SAFEGUARDS

When using electric appliances, basic safety precautions should always be adhered to, including the following:

- Read all instructions carefully and retain them for future reference.
- Before connecting to the power supply, ensure that the unit is earthed and its voltage corresponds to the voltage indicated on the power supply rating label.
- Inspect the power cord for any signs of damage, and have it 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.
- Keep the appliance away from young children.
- This appliance should be placed and operated on a flat, stable surface.
- Do not remove any components or service panels on this appliance.
- This appliance is intended for indoor use and commercial use only.
- DO NOT operate the appliance for other than its intended use.
- DO NOT use damaged appliances. If you have any doubts, consult your authorized service agent or service technicians.
- WARNING: Do not operate electrical appliances inside the appliance, such as heaters, ice-cream makers and so forth, unless they have been recommended by the manufacturer.
- WARNING: Keep all ventilation openings clear of obstructions in the appliance enclosure or in the structure for building-in.
- WARNING: Do not use any mechanical device or other means to accelerate the defrosting
- Process other than those recommended by the manufacturer.
- WARNING: Do not damage the refrigerant circuit
- DO NOT stand or support yourself on the base, shelves or door.
- Always keep packaging materials of your product out of children's reach. Packaging materials (nylon, styrofoam etc.) may pose danger for young children.
- When moving the appliance, carry, store and handle the appliance in a vertical position and move by holding the base of the appliance.
- Always pull the power plug of your product by holding it from the plug-head. Never pull the power cord.

- To guarantee safe operation, ensure that the appliance is setup and connected as described in the instruction manual.
- IMPORTANT: All electrical works must be carried out by suitably qualified persons.

PACKAGE CONTENTS

The following is included in the package:

ONE CARTON BOX:

- SHOWCASE REFRIGERATOR x 1
- Instruction manual x 1
- Single-door: 4 shelves, double-door: 8 shelves, three-door: 12 shelves

We pride ourselves on our quality and service. If there are discrepancies, please contact your dealer or authorized sales agent immediately.

INSTALLATION

- Remove the appliance from the packaging. Ensure that all protective plastic films are thoroughly removed from all surfaces.
- To prevent injury or damage to the unit, the appliance should be unpacked and setup by two people.
- Maintain a distance of 10cm (4.0 inches) between the appliance and walls or other objects for ventilation purposes. Increase this distance if the obstacle is a heat source.
- Ensure appliance is levelled by adjusting the adjustable feet. The appliance should be placed on a level solid floor or base to reduce noise and vibration.
- This appliance is built to operate according to ISO climatic classification class 4, wherever the temperature not exceeds 30°C and relative humidity not exceeding 55%.
- The temperature where the appliance is located must be between 10 and 32°C.
- Avoid locating the appliance in direct sunlight or near heat sources such as an oven or radiator.
- Ensure that the appliance is properly ventilated. It is not suitable to be installed in an area where a waterjet is used.
- Do not overload the power supply. Refer to the rating label for the recommended power requirement.
- Ensure power plug is accessible after installation.
- If the appliance is not to be used for a long period disconnect the power plug from the power supply. Clean the appliance and leave the door open to prevent odor.
- Since flammable refrigerants are used, please install, maintain, and service the appliance strictly according to the instructions provided. For appliance disposal, please contact your authorized service agent or our after-sale service.
- The A-weighted emission sound pressure level is below 70 dB(A);
- To avoid a hazard, please follow the instructions provided on user operation, maintenance, care and cleaning, adjustment, transporting and installation.



FOR YOUR PERSONAL SAFETY

- This appliance must be properly grounded.
- This appliance is equipped with a power cord having a grounding wire and a grounding power plug. The power plug must be inserted into a power supply that is properly grounded and installed.
- Consult a qualified electrician or a similarly qualified person if you do not completely understand the grounding instructions.
- If doubt exists as to whether the appliance is properly grounded, have a qualified electrician inspect the circuit to make sure the power supply is properly grounded.

- If the cable does not reach the nearest power supply socket, either rearrange your store layout or ask a qualified electrician to install a new power supply socket. Never use extension leads or multiple adaptors.
- If power is cut off, wait for at least 3 minutes before restarting the appliance to avoid damaging the Compressor.

OPERATING INSTRUCTIONS

If the appliance has not been stored or moved in an upright position, allow it to stand upright for approximately 12 hours before operation.

LOADING

To get the best results from your appliance, follow these instructions:

- Only store bottles in the appliance when it has reached the correct operating temperature.
- DO NOT place uncovered liquid inside the appliance. Neither should you place combustible, explosive or volatile items, corrosive acid or alkali or liquids into the appliance.
- DO NOT store explosive substances such as aerosol cans with a flammable propellant into the appliance.
- DO NOT obstruct the fans inside the appliance.
- Avoid opening the doors for unnecessarily for prolonged periods.
- DO NOT exceed the maximum loading of 25kg per shelf so as to avoid injury and damage.

TEMPERATURE SETTING AND CONTROL

- The thermostat is located on the top front of the cabinet.
- To lower the temperature inside the appliance, rotate and turn the thermostat knob clockwise. To increase the temperature, turn the thermostat knob anti-clockwise.

NOTE: The temperature control is set in the factory and it is recommended that any adjustments to the control temperature should be made by a suitably qualified service technician.



Do not turn the thermostat to its maximum (coldest) setting, as this may cause the appliance to operate continuously and 'ice-up'. This will lead to a fault which is excluded from the warranty.

LIGHTING

- Ensure the power plug is connected to the power supply.
- This appliance is equipped with a durable, long-lasting, power saving LED light in the cabinet
- The lighting may be switched on and off, using the illuminated switch (above the thermostat knob), without the need to turn off the refrigeration system.

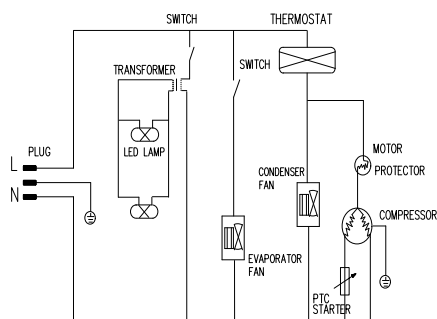
CARE & CLEANING

- **IMPORTANT!** Ensure the appliance is disconnected from the power supply before performing any cleaning or maintenance work.
- For Lighting: When a lighting failure occurs, contact your authorized service agent for replacement and/or repairs.

ROUTINE MAINTENANCE:

- Disconnect appliance from the power supply during cleaning or maintenance and when replacing parts
- Clean the enclosure and interior of the appliance regularly.
- Clean the exterior of the appliance with a moist cloth. Never allow the switch, lighting, cable or power plug to get wet.
- **DO NOT** use abrasive cleaning agents as these can leave harmful residues. Use only mild soapy
- Clean the door seal using water only.
- **IMPORTANT!** Ensure that no cleaning water penetrates into the electrical components.
- **DO NOT** use jet/pressure water to clean the appliance as pressurized water may damage live parts.
- **DO NOT** allow water for cleaning to run through the inner drain hole into the water container.
- **DO NOT** allow oil or fat to come into contact with the plastic components or door seal. Clean them immediately if contact occurs.
- Exercise caution when cleaning the rear of the appliance.
- Do not attempt to repair or modify any part. Contact your authorized service agent to do so if required.
- If the appliance is to be left inactive for long periods, unplug the appliance from the power supply, empty the shelves and clean thoroughly.


WIRING DIAGRAM



TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSE(S)	SOLUTION
Appliance not working	<ul style="list-style-type: none"> • Appliance not powered on. • Power plug & lead are damaged. • Blown fuse in power plug. • Internal wiring problem. 	<ul style="list-style-type: none"> • Ensure appliance is plugged in correctly. • Contact your technician. • Replace the fuse inside the power plug. • Contact your technician.
Temperature is too high/low when appliance is turned on	<ul style="list-style-type: none"> • Door not shut properly. • Appliance is located near a heat source or airflow to the condenser is being interrupted. • Ambient temperature is too high. • Appliance is overloaded. 	<ul style="list-style-type: none"> • Ensure door is shut and rubber seals are not damaged. • Increase ventilation or move appliance to a cooler place. • Remove excess hot foodstuff or remove obstacles to the fan. • Reduce number of stored items in the appliance.
Loud noises during operation	<ul style="list-style-type: none"> • Loose nut/screws. • Appliance is not placed on stable surface. 	<ul style="list-style-type: none"> • Inspect & tighten all loose nut/screw. • Reposition appliance again on a stable surface.
Water is leaking from the appliance	<ul style="list-style-type: none"> • Appliance is properly levelled. • Discharged outlet is obstructed. • Water from cleaning flows into the water container causing it to overflow. • Damaged water container. 	<ul style="list-style-type: none"> • Level the feet screws. • Clear the obstruction. • Ensure water from cleaning does not flow into the water container. • Call your authorized technician.

DISPOSAL

- The packaging is designed to protect the appliance and individual components during transport and is made of recyclable materials.
- Please return the packing material to the nearest official collection point so that the various materials can be recycled or reused as far as possible and so as to avoid throwing them away.
- Old appliances still contain reusable material and should not be disposed of with household or bulk refuse. If possible, remove any door(s) and discard separately. Remove the spring-action or bolt catch from the appliance or render it unusable so that children cannot become trapped inside.
- Please note the refrigeration system contains gases and refrigerants which require special waste disposal. Ensure that the refrigerant circuit is not damaged prior to disposal. You can contribute to environmental awareness by insisting on an appropriate non-polluting method of disposal.
- Information concerning the refrigerant and insulation materials used can be found on the rating label. Information on collection dates or collection points can be obtained from the waste disposal authorities or local council.
- The symbol  on the product or its packaging indicates that this product may not be treated as household waste. Instead, it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment.
- By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product.
- For more detailed information about recycling of this product, please contact your local city office, your household waste disposal service or the shop where you purchased the product.