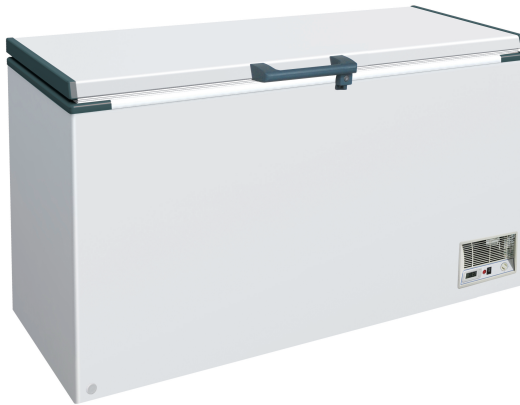




F-Series Chest Freezer

Service, Installation and Care Manual

Please read this manual completely before attempting to install or operate this equipment. Notify carrier of damage and inspect all components immediately.



IMPORTANT INFORMATION
READ BEFORE USE
PLEASE SAVE THESE INSTRUCTIONS

COMMERCIAL REFRIGERATOR SAFETY

Your safety and the safety of others are very important.

We have provided many important safety messages in this manual and on your appliance. Always read and obey all safety messages.

Our product instructions will be uploaded on our company official website.



This is the Safety Alert Symbol. This symbol alerts you to potential hazards that can kill or injure you and others. All safety messages will follow the Safety Alert Symbol and either the words "DANGER", "WARNING" or "CAUTION".



Danger means that failure to heed this safety statement may result in severe personal injury or death.



Warning means that failure to heed this safety statement may result in extensive product damage, serious personal injury, or death.



Caution means that failure to heed this safety statement may result in minor or moderate personal injury, or property or equipment damage.

All safety messages will alert you to what the potential hazard is, tell you how to reduce the chance of injury, and let you know what can happen if the instructions are not followed.

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.

This appliance can be used by children aged from 8 years and above and persons with reduced physical sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.

Kee the appliance and its cord out of reach of children less than 8 years.

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

The appliance use flammable insulation blowing gas C5H10, disposal of the appliance shall in accordance with the regulations of local authorities.

The key for appliance electric box should be safe kept by qualified persons in order to avoid a hazard



Warning; Risk of fire / flammable materials

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

WARNING: Do not use mechanical devices or 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.

Handling, moving, and use of the refrigerator or freezer to avoid either damaging the refrigerant tubing, or increasing the risk of a leak

L'opération, le mouvement et l'utilisation du réfrigérant ou le congélateur doivent éviter les dommages du tuyau réfrigérant ou le risque de la fuite.

Cautions – Risk of Fire or Explosion due to Flammable Refrigerant Used. Follow Handling Instructions Carefully in Compliance with U.S. Government Regulations.

Component parts shall be replaced with like components and that servicing shall be done by factory authorized service personnel, so as to minimize the risk of possible ignition due to incorrect parts or improper service.

Les pièces de rechange doivent être remplacées par les composants relatifs et les opérations doivent être faites par les professionnels afin de minimiser le risque d'allumage à cause des parts incorrects ou des opérations impropres.

CAUTION – Risk Of Fire Or Explosion Due To Puncture Of Refrigerant Tubing; Follow Handling Instructions Carefully. Flammable Refrigerant Used

DANGER: Risk of child entrapment. Before you throw away your old refrigerator or freezer:

Take off the doors

Leave the shelves in place so that children may not easily climb inside

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SERIAL NUMBER INFORMATION

The serial number of all self-contained refrigerators and freezers is located inside the unit on the left hand side near the top on the wall. Always have the serial number of your unit available when calling for parts or service.

This manual covers standard units only. If you have a custom unit, consult the customer service department at the number listed on the last page.

RECEIVING AND INSPECTING THE EQUIPMENT

Even though most equipment is shipped crated, extra care should be taken during unloading so the equipment damaged while being moved into the building.

1. Visually inspect the exterior of the package and skid or container. Any damage should be noted and reported to the delivering carrier immediately.
2. If damaged, open and inspect the contents with the carrier.
3. In the event that the exterior is not damaged, but concealed damage to the equipment, notify the carrier. Notification should be made verbally, as well as in written form.
4. Request an inspection by the shipping company of the damaged equipment. This should be done within 10 days of receipt.
5. Be certain to check the compressor compartment housing and visually inspect the refrigeration package. Be sure lines are secure and the base is still intact.
6. Freight carriers can supply the necessary damage forms upon request.
7. Retain all crating material until an inspection has been made or waived.

SPECIFICATION

WHITE SOLID LID RANGE

MODEL#	V/Hz/Ph	AMPS	STORAGE CAPACITY Cu-ft	HP	BTU/H	CHARGE OZ	SHIP WEIGHT LBS	NEMA PLUG
COLDZONE-F7.1	115/60/1	2.5	7.1	1/4	402	2.82	106	5-15P
COLDZONE-F10.6	115/60/1	2.5	10.6	1/4	402	2.82	146	5-15P
COLDZONE-F14.2	115/60/1	2.5	14.1	1/4	402	3.17	174	5-15P
COLDZONE-F17.7	115/60/1	3.0	17.7	1/3	648	3.53	212	5-15P
COLDZONE-F21.2	115/60/1	3.0	21.2	1/3	648	3.70	232	5-15P

WHITE OBLIQUE CURVED GLASS LID RANGE

MODEL#	V/Hz/Ph	AMPS	STORAGE CAPACITY Cu-ft	HP	BTU/H	CHARGE OZ	SHIP WEIGHT LBS	NEMA PLUG
COLDZONE-F7.1OCG	115/60/1	2.5	7.1	1/4	402	2.29	110	5-15P
COLDZONE-F10.6OCG	115/60/1	2.5	10.6	1/4	512	2.82	154	5-15P
COLDZONE-F14.2OCG	115/60/1	3.0	14.1	1/4	716	3.17	174	5-15P
COLDZONE-F17.7OCG	115/60/1	3.0	17.7	1/3	716	3.53	212	5-15P

WHITE OBLIQUE FLAT GLASS LID RANGE

MODEL#	V/Hz/Ph	AMPS	STORAGE CAPACITY Cu-ft	HP	BTU/H	CHARGE OZ	SHIP WEIGHT LBS	NEMA PLUG
COLDZONE-F7.1OFG	115/60/1	2.5	7.1	1/4	402	2.29	110	5-15P
COLDZONE-F10.6OFG	115/60/1	2.5	10.6	1/4	512	2.82	154	5-15P
COLDZONE-F14.2OFG	115/60/1	3.0	14.1	1/4	716	3.17	174	5-15P
COLDZONE-F17.7OFG	115/60/1	3.0	17.7	1/3	716	3.53	212	5-15P

INSTALLATION

Make sure that the freezer is not damaged upon arrival. Your supplier should be notified of any transport damages within 24 hours of delivery.

The freezer should be placed in a warm dry room, with suitable ventilation.

Place the freezer to allow free circulation of air around it, at least 4 inches of free space around it.

Never place the freezer in strong sunlight. The freezer must be placed on a level and flat surface.

If the freezer has been stored or transported in a cold environment, it must not be started before the compressor has reached a temperature of at least 5°C.

It is recommended to clean the freezer before starting it.

ELECTRICAL CONNECTION

The freezer must be connected to a socket with the correct voltage/frequency, as shown on the nameplate. The standard for the United States is 115V/50HZ. Voltage variations of $\pm 10\%$ are acceptable. Greater variations can damage the freezer and factory warranty will be voided. In cases of extreme voltage variation, your local supplier will be able to advise you concerning the connections.

This freezer requires extra protection, according to the Danish Heavy Current Regulations.

OPERATION INSTRUCTIONS

The temperature in the freezer is automatically regulated by a pre-adjusted thermostat.

The position of the freezer, the ambient temperature, the number of times the lid is opened and the duration of the lid opening, all affect the temperature in the freezer. Therefore, this unit should not be placed in sunlight or closed in a heat-radiating environment.

If your freezer is fitted with a lock, the key should be kept out of the reach of children. If your new freezer replaces an older one, you should remove the lock mechanism, on the old one before disposing it.

STORAGE

The freezer is only designed as a food conserver, and is therefore not suited to cold freeze. In other words, only refrozen food must be placed in the freezer. The freezer must not be filled beyond the height limit of the contents line, or if no such line, to within 100mm below the lid. This is to ensure the product temperature is less than 2°C.

DEFROSTING THE CABINET

A layer of frost will naturally form in the freezer overtime. When this layer is 5-8mm thick, the cabinet should be defrosted by:

- removing the plug from the socket;
- opening the lid and leaving it open;
- loosening the layer of frost using a plastic or wooden scraper.

The defrosting process can be speed up by using bowls of hot water.

Never use sharp or pointed instruments

After final defrosting, the cabinet should be cleaned as described in section maintenance. The cabinet should be thoroughly dried after cleaning.

OPERATION



CAUTION

Do not throw items into the storage area. Failure to comply to these recommendations could result in damage to the interior of the cabinet.

Freezers:

1. Anti-condensation heaters on the door frames work in conjunction with the compressor.
2. The factory setting of the temperature range is -10°F to 0°F.

SOLID-STATE THERMOSRAT DESCRIPTIONS

Control panel

The control panel is located on the back of the appliance .



Turn the knob to control the temperature of cabinet

1. Close the door of the appliance.
2. Connect the appliance to a main power supply.
3. Set the temperature to the desired setting: 0 (Off), 1 (Cool) to 7 (Cold).

Temperature Display

There is a LCD display on the top of the cabinet, or the right-bottom of the lamp box. It shows the inside temperature of the cabinet.



MAINTENANCE

The freezer can be cleaned using warm water and a mild detergent. Rinse with clean water to finish off.

Never use detergents that contain chlorine.

The lid may be cleaned the same way as the freezer.

If a condenser and associated fan are fitted at the back bottom of the freezer, they can gather dust and dirt. If cleaning is necessary, they should be vacuumed with a soft brush.

Please note that the parts behind the protective grill can be hot and rotating.

TROUBLE SHOOTING

If you are having problems with your freezer, please check the following point before calling service personnel:

- Is the freezer connected to the power supply?
- Is the socket switch on?
- Is the fuse in the switch cabinet intact?
- Has the earth leak circuit breaker (if there is one) cut out?
- Has there been power cut?

If the freezer is in a place that is very hot or with bad ventilation, make sure to provide adequate ventilation. If the condenser mentioned in section maintenance is not clean, make sure to vacuum it.

If the above points have been checked and the freezer is still not working, please call service personnel. Inform them of the nature of the problem, the type of freezer, serial number and item number (provided on the nameplate at the back of the cabinet).

Do not open the cabinet, as this accelerates the thawing process. The goods will not suffer any damage within the first 12 hours

DISPOSAL

When a worn-out freezer is to be disposed of, it must be done in a correct manner with respect to the environment. Please be aware of the rules covering the disposal since there may be special requirements or conditions to be applied.

Information about disposal may be obtained from:

- your supplier.
- the relevant authorities (the local authority, environmental agencies, etc.).

IMPORTANT INFORMATION

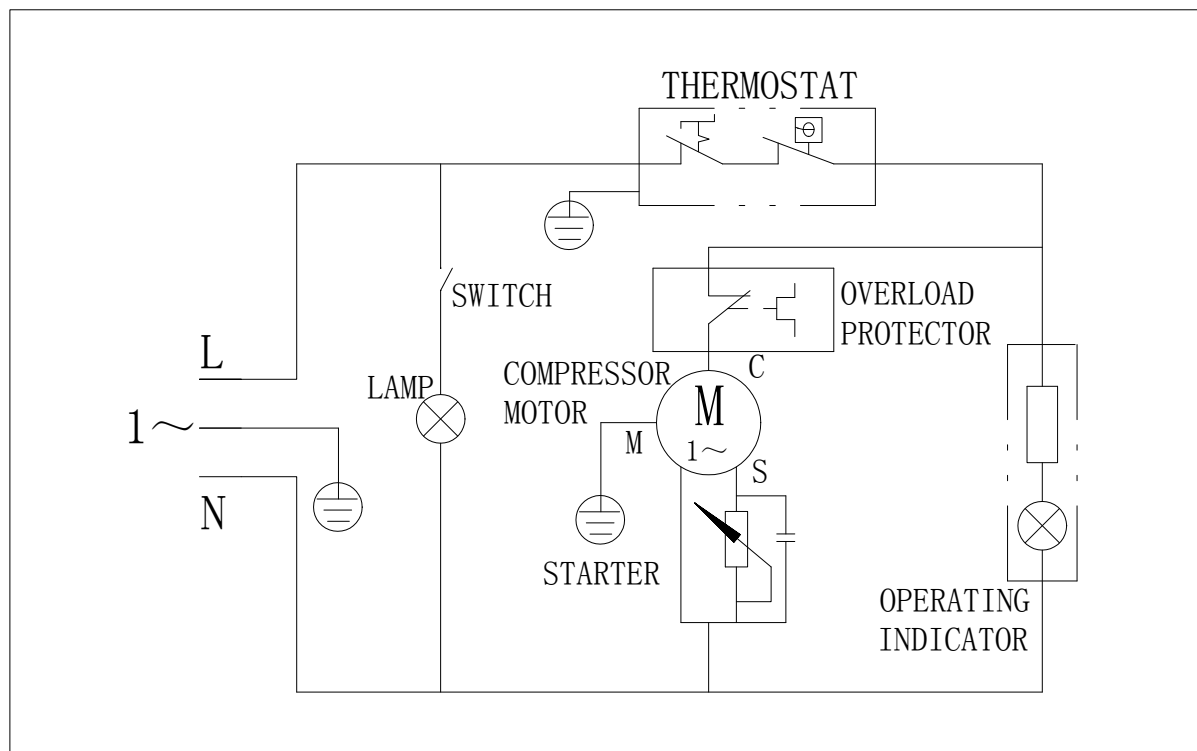
The information contained in these instructions were correct at the time of printing. On account of the constant product development, we reserve the right to make changes which will be amended in future manuals.

In any cases of doubt, please contact your local supplier to obtain the most up to date information.

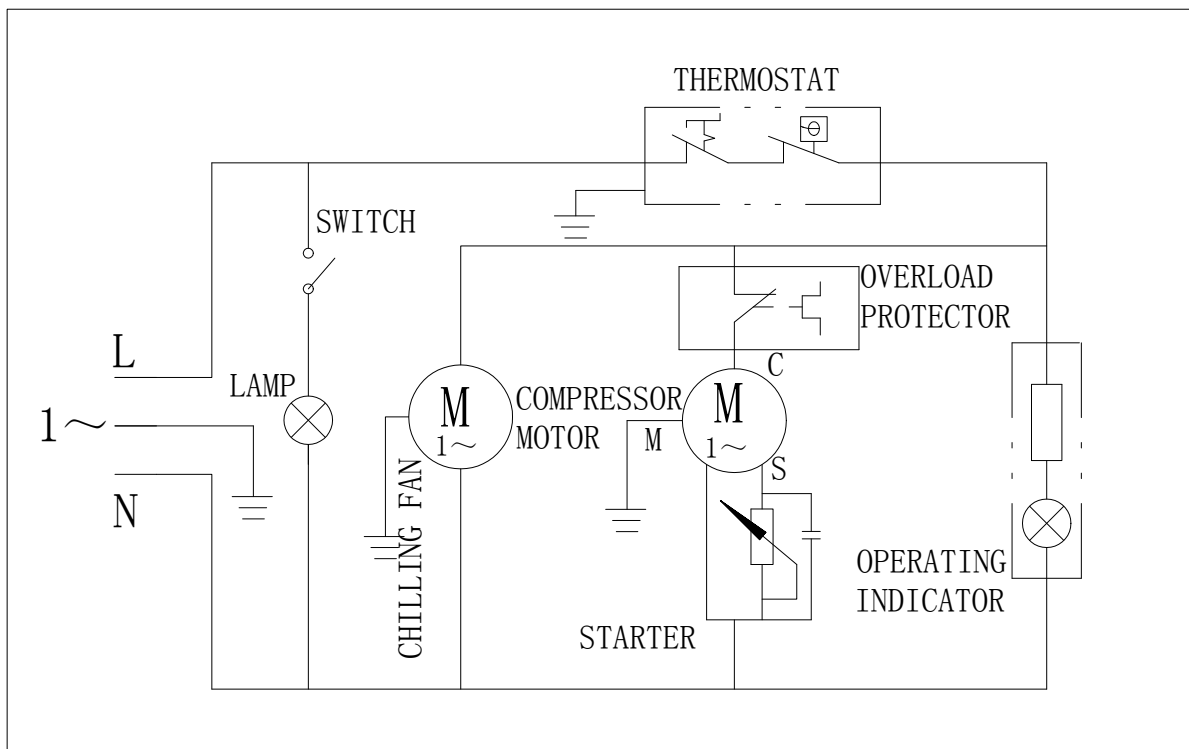
The manufacturer is not responsible for accident or problems, occurred as a result of wrong connection of the freezer

WIRING DIAGRAM

Model: COLDZONE-F7.1

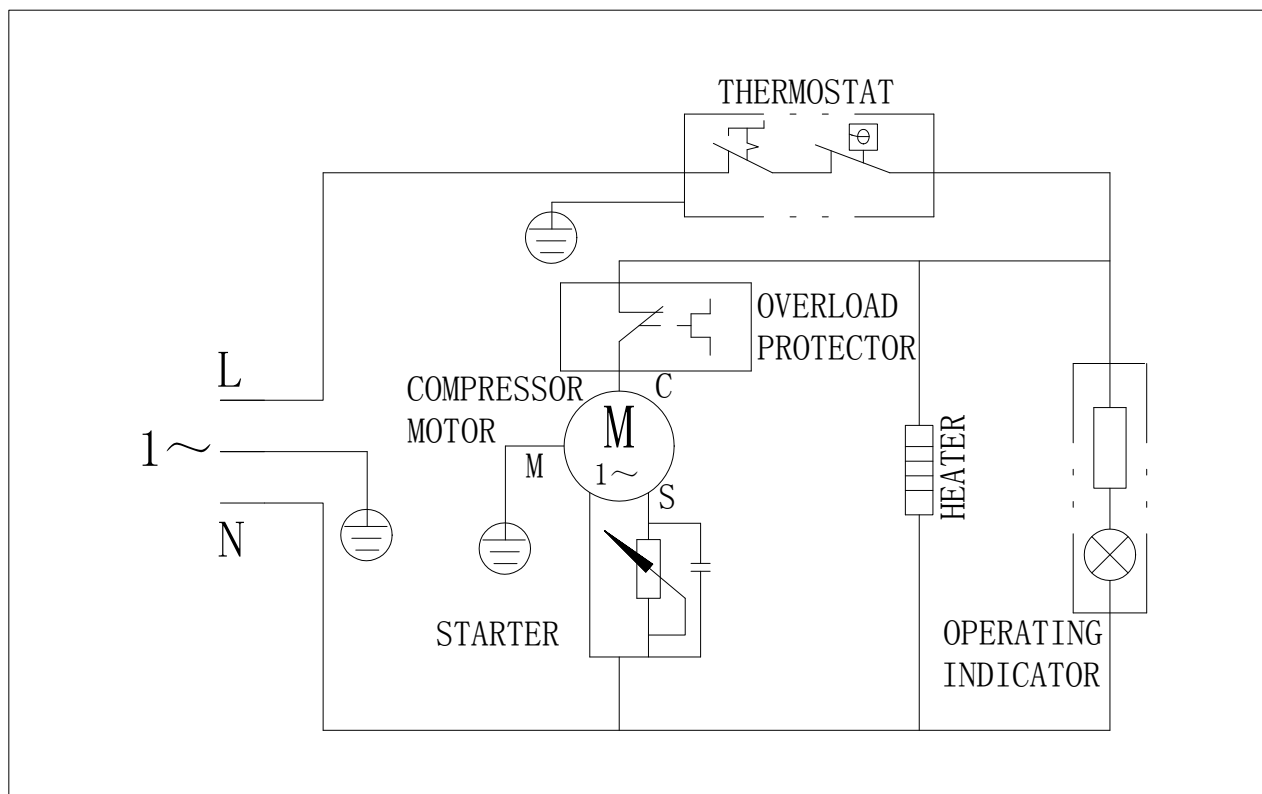


Model: COLDZONE-F10.6 / COLDZONE-F14.2 / COLDZONE-F17.7 / COLDZONE-F21.2



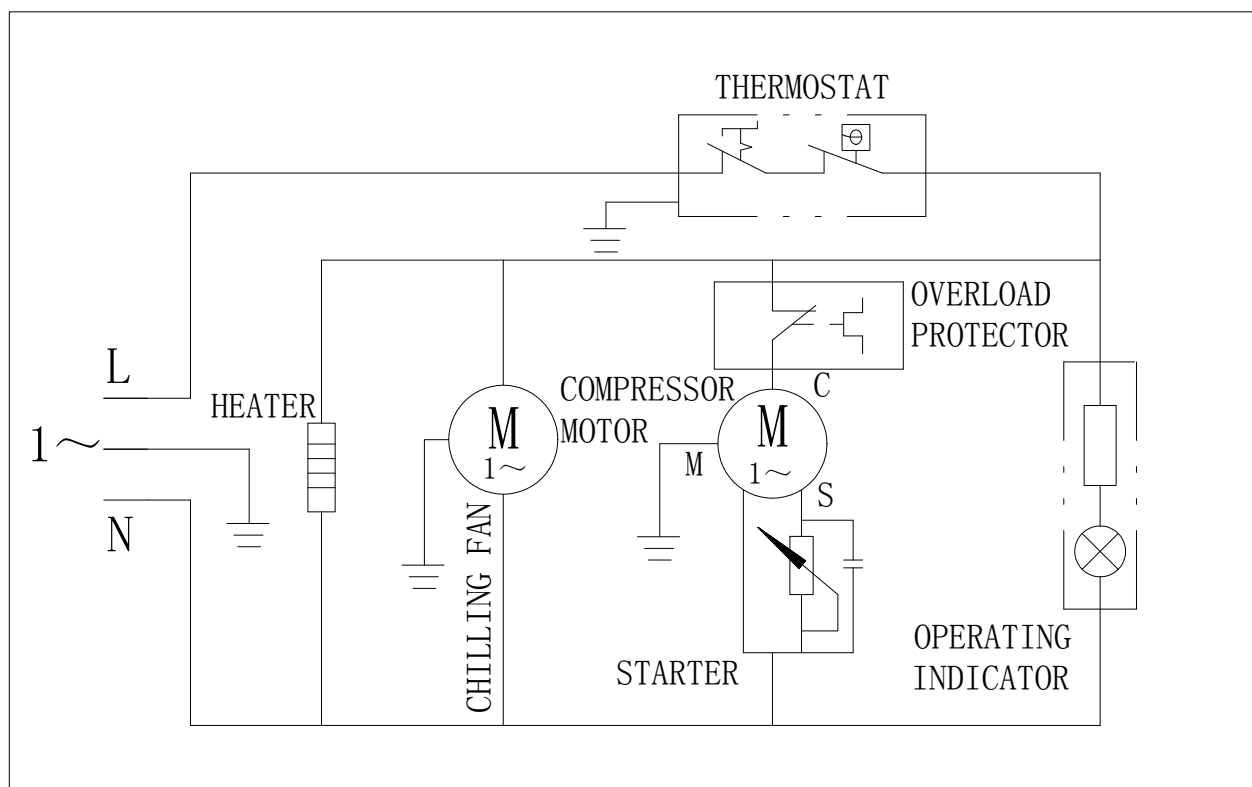
WIRING DIAGRAM

Model: COLDZONE-F7.10CG / COLDZONE-F7.10FG



Model: COLDZONE-F10.60CG/COLDZONE-F14.20CG/COLDZONE-F17.70CG

COLDZONE-F10.60FG/COLDZONE-F14.20FG/COLDZONE-F17.70FG



WARNING

- **INGESTION HAZARD:** This product contains a button cell or coin battery.
- **DEATH** or serious injury can occur if ingested.
- A swallowed button cell or coin battery can cause **Internal Chemical Burns** in as little as **2 hours**.
- **KEEP** new and used batteries **OUT OF REACH of CHILDREN**
- **Seek immediate medical attention** if a battery is suspected to be swallowed or inserted inside any part of the body.



- Remove and immediately recycle or dispose of used batteries according to local regulations and keep away from children. Do NOT dispose of batteries in household trash or incinerate.
- Even used batteries may cause severe injury or death.
- Call a local poison control center for treatment information
- Battery type: CR2032.
- Nominal battery voltage: 3V
- Non-rechargeable batteries are not to be recharged.
- Do not force discharge, recharge, disassemble, heat above 60°C / 140°F or incinerate. Doing so may result in injury due to venting, leakage or explosion resulting in chemical burns.
- Ensure the batteries are installed correctly according to polarity (+ and -).
- Remove and immediately recycle or dispose of batteries from equipment not used for an extended period of time according to local regulations.
- Always completely secure the battery compartment. If the battery compartment does not close securely, stop using the product, remove the batteries, and keep them away from children.
- Do not mix old and new batteries, different brands or types of batteries, such as alkaline, carbon-zinc, or rechargeable batteries alkaline, carbon-zinc, or rechargeable batteries."

AVERTISSEMENT

- **DANGER D'INGESTION** : Ce produit contient une pile bouton ou une pile plate.
- **La MORT** ou des blessures graves peuvent survenir en cas d'ingestion.
- Une pile bouton ou une pile plate avalée peut provoquer des **brûlures chimiques internes** en aussi peu que **2 heures**.
- **TENEZ** les piles neuves et usagées **HORS DE PORTÉE des ENFANTS**.
- **Consultez immédiatement un médecin** si une pile est soupçonnée d'avoir été avalée ou insérée dans une partie du corps.



- a) Retirez et recyclez immédiatement ou éliminez les piles usagées selon les réglementations locales et gardez-les hors de portée des enfants. NE jetez PAS les piles dans les ordures ménagères ni ne les incinérez.
- b) Même les piles usagées peuvent causer des blessures graves ou la mort.
- c) Appelez un centre antipoison local pour obtenir des informations sur le traitement.
- d) Type de pile: CR2032.
- e) Tension nominale de la pile: 3V.
- f) Les piles non rechargeables ne doivent pas être rechargeées.
- g) Ne forcez pas la décharge, la recharge, le démontage, ne chauffez pas au-dessus de 60°C / 140°F ni n'incinérez. Ce faisant, vous pourriez vous blesser en raison de dégagement, de fuite ou d'explosion, entraînant des brûlures chimiques.
- h) Assurez-vous que les piles sont installées correctement selon la polarité (+ et -).
- i) Retirez et recyclez immédiatement ou éliminez les piles des équipements non utilisés pendant une période prolongée selon les réglementations locales.
- j) Assurez-vous toujours de sécuriser complètement le compartiment à piles. Si le compartiment à piles ne se ferme pas correctement, cessez d'utiliser le produit, retirez les piles et éloignez-les des enfants.
- k) Ne pas mélanger des piles anciennes et neuves, des marques ou des types de piles différents par exemple, des piles alcalines des piles au carbone - zinc ou des piles rechargeables