

PROTECH Commercial Freestanding/Built-in 12 cu. ft
Beverage Merchandiser Display Refrigerator
with Customizable Backlit Logo Display Canopy, and 2 Mobility Wheels

Model No. : CBC-1200WG





Congratulations on your new PROTECH product. To ensure proper operation, please read this User Manual carefully before using this product. Keep this manual in a safe place for future reference.

DISPOSAL INFORMATION

Thank you for choosing PROTECH. Please follow the instructions provided in this user manual to obtain the very best performance from your refrigerator. We trust that your PROTECH refrigerator will provide the performance and reliability that we stand for.

Please keep this user manual in a safe place for future reference.



This symbol on the product or its packaging indicates that this refrigerator cannot be treated as normal domestic trash, but must be handed in at a collection point for recycling electric and electronic refrigerators. Your contribution to the correct disposal of this product protects the environment.

Further information about the recycling of this product can be obtained from your local municipal authority.

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SAFETY PRECAUTIONS

To prevent death or injury to the user or other people and property damage, the following instructions must be followed. Incorrect operation due to ignoring of instructions may cause death, harm or damage.

- Read all instructions before using the refrigerator.
- Never clean refrigerator parts with flammable fluids. The fumes can create a fire hazard. Do not use an excessively wet cloth, industrial solvents, and oil-based products to clean this refrigerator.
- Do not store or use gasoline or any other flammable vapors and liquids in the vicinity of this or any other refrigerator. The fumes can create a fire hazard.
- Do not abuse, sit on, or stand on the refrigerator.
- This refrigerator 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 refrigerator by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the refrigerator.
- If the power cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.
- Use the refrigerator only for its intended function. Any other use will void the warranty.
- To avoid the risk of shock, the product should never be used in bathrooms, shower rooms, or in any other steamy or wet areas.
- During installation, the power supply must not be excessively or dangerously bent or flattened.
- · Do not tamper with controls.
- Make sure the power plug is placed fully and firmly into the wall socket. If the wall receptacle you intend to use is not adequately grounded or protected by a time delay fuse or circuit breaker, have a qualified electrician install an outlet that is appropriate to local electrical codes and requirements.
- Do not use multiple sockets or an extension cord as it may overheat and become a risk of fire.
- Make sure the power plug is clean before usage.
- After turning the refrigerator off, please take the power plug out of the socket.
- Make sure hands are dry when connecting the power plug. The refrigerator is equipped with a three-prong
 grounded power plug on the power cord for your protection. Never modify, remove, or attempt to repair the
 power plug yourself.
- Do not repair, disassemble, and/or modify the refrigerator by yourself.
- Transport the refrigerator in an upright position only, or leave it in an upright position for at least 4 hours before first use
- When positioning or moving the refrigerator, ensure that it is not turned upside down or greater than 45° or more off level.
- This refrigerator must be installed in an area protected from the elements, such as wind, rain, water spray, or drips.
- When using this refrigerator in confined spaces, such as a pantry, be sure to allow proper ventilation to prevent overheating and fire. Allow at least 5" of air space on all sides of the refrigerator for good air circulation.
- Always place the refrigerator on a hard, level, and even surface that can support the unit when it is full.
- Ensure objects are not obstructing the air vent.
- · Never insert your fingers or other objects into the air outlets.
- This refrigerator must be earthed.
- The wires in the mains lead are colored in accordance with the following code:

Green or Green with a yellow strip: Grounding

White: Neutral Black: Live

CAUTION - RISK OF FIRE OR EXPLOSION

- Flammable refrigerant used. Consult repair manual/owner's guide before attempting to install or service this product. All safety precautions must be followed.
- Dispose of property in accordance with federal or local regulations: Flammable refrigerant used.
- Due to puncture of refrigerant tubing; follow handling instructions carefully: Flammable refrigerant used.
- The refrigerator should be installed in accordance with the safety standard for refrigeration systems, ASHRAE15.
 The refrigerator shall not be installed in corridors or hallways of public buildings.
- Service should be performed by certified technicians using like components to minimize the risk of possible ignition due to incorrect parts or improper service.

INSTALLATION

To reduce the risk of fire, electrical shock, or injury when using your refrigerator, follow these basic precautions:

GENERAL SAFETY PRECAUTIONS

- Read all instructions before using the refrigerator.
- Never allow children to operate, play with, or crawl inside the refrigerator.

FIRE HAZARD PRECAUTIONS

- DANGER: An empty refrigerator can be hazardous for children or small pets. If disposing of the refrigerator, remove gasket seals, latches, lids, or the entire door from your unused refrigerator, or take other action to ensure the refrigerator is harmless.
- Never clean refrigerator parts with flammable fluids or harsh chemicals. The fumes can create a fire hazard or explosion.
- Do not store or use gasoline or any other flammable vapors and liquids in the vicinity of this or any other refrigerator. The fumes can create a fire hazard or explosion.

PRE-INSTALLATION PREPARATION

- Remove the exterior and interior packing.
- Before connecting the refrigerator 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.
- Clean the interior surface with lukewarm water using a soft cloth.

INSTALLATION LOCATION AND SETUP

- The refrigerator is designed for freestanding or built-in installation. Ensure the required clearance space around the refrigerator is respected.
- WARNING: Do not store or install the refrigerator outdoors. Choose a well-ventilated area with temperatures above 60°F (16°C) and below 90°F (32°C). This appliance must be installed in an area protected from the elements, such as wind, rain, water spray or drips.
- · Avoid locating the appliance in an area that may be exposed to excessive moisture.
- CAUTION: This refrigerator is designed for storing and cooling beverages. Do not store perishable food, medicine, or other medical products.
- · Place your refrigerator on a hard and level floor that is strong enough to support it when it is fully loaded.
- To level your refrigerator, adjust the leveling legs at the bottom of the refrigerator if needed.
- Installing the refrigerator on carpet is not recommended.
- Avoid installing the refrigerator in direct sunlight or near an oven or other heating source, as heat sources may
 affect performance.

VENTILATION INSTALLATION GUIDELINES

- For freestanding installation, 5 inches (127mm) of space between the back and sides of the appliance is suggested, which allows the proper air circulation to cool the compressor and condenser.
- For built-in installation, a minimum of $\frac{1}{4}$ " (6.35mm) space on each side and at the top is required.
- The air vent at the front must never be covered or blocked in any way.
- 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.

PLACEMENT OF YOUR REFRIGERATOR

- Position the refrigerator in a dry and well-ventilated place, away from direct sunlight, heaters, and corrosive gases or chemicals.
- Clean the interior surface with lukewarm water using a soft cloth.
- Place the refrigerator on a hard and level floor that is strong enough to support it when it is fully loaded. Installing on carpet is not recommended.
- If the refrigerator needs to be lifted, two or more people should move the refrigerator. Failure to do so can result in back or other injury.

INSTALLATION

INSIDE CABINET

Do not pack refrigerator so full that air cannot circulate. The refrigerated air is discharged at the top rear of the unit. It is important to allow for proper air flow from the top rear to the bottom of the unit. Obstructions to this air flow can cause evaporator coil freeze ups and loss of temperature or overflow of water from the evaporator drip tray. The shelves have a rear turn up on them to prevent this.

ELECTRICAL CONNECTION

WARNING: Improper use of the grounded plug can result in the risk of electrical shock. If the power cord is damaged, have it replaced by a qualified electrician or contact PROTECH Service Department.

Outlet Requirements

- This refrigerator requires a standard 115/120 Volt AC ~/60Hz electrical ground outlet with a three-prong plug.
- Ensure that the wall outlet and circuit are properly grounded by a qualified electrician.
- Secure the cord behind the refrigerator to prevent accidental injury.

Usage Guidelines

- Always plug the refrigerator into a dedicated electrical outlet matching the voltage rating on the refrigerator label to prevent overloading circuits.
- Avoid pulling the power cord to unplug the refrigerator; grip the plug firmly and pull it straight out from the receptacle.
- Immediately repair or replace frayed or damaged power cords to prevent electrical hazards.

EXTENSION CORD

Due to potential safety hazards, it is strongly recommended not to use an extension cord with this refrigerator.

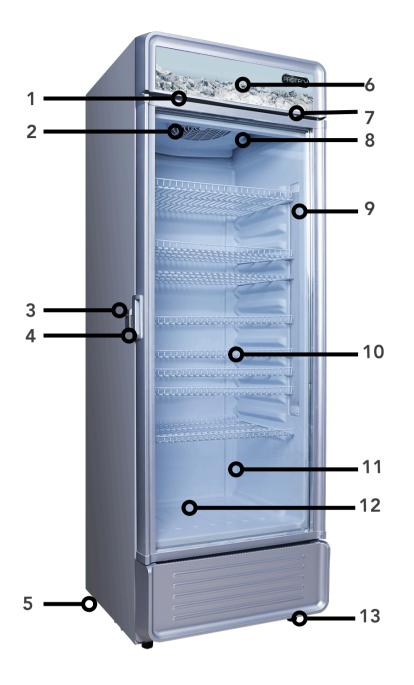
POWER FAILURE

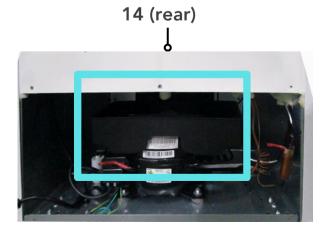
In the event of a power failure:

- Most power failures are resolved within a few hours and should not significantly affect the temperature of your refrigerator if you minimize opening the refrigerator cover.
- If the power outage is expected to last longer, take the necessary steps to disconnect your refrigerator to prevent potential hazards.
- Failure to unplug the refrigerator during an extended power outage could result in electrical shock or personal injury.

SPECIFICATIONS

Model	CBC-1200WG	
Color	White	
Installation Type	Built-in Freestanding	
Storage Capacity	12.2 cu. ft. (345 L)	
Cabinet Storage Capacity	336 standard 12 oz. can	
Temperature Range	32°F - 50°F	
Shelves	8 adjustable wire shelves	
Noise Level	<55 dB	
Refrigerant	R600a	
Power Consumption	280W	
Amps	2.7A	
Power Supply	115V/60Hz	
Net Weight	154 lbs	
Dimensions	24.25" W x 24.75" D x 72.5" H	
UPC	850014459680	





Part	Description		
1	Light Switch for Lightbox and Interior		
2	Internal Fan		
3	Door Lock		
4	Door Handle		
5	Mobility Wheels (2)		
6	Customizable Lightbox		
7	Internal Fan Switch		
8	Temperature Control Knob		
9	Internal Light		
10	Slide-Out Wire Shelves (8)		
11	Glass Door		
12	Drain Hole		
13	Leveling Legs		
14	Drip Tray		

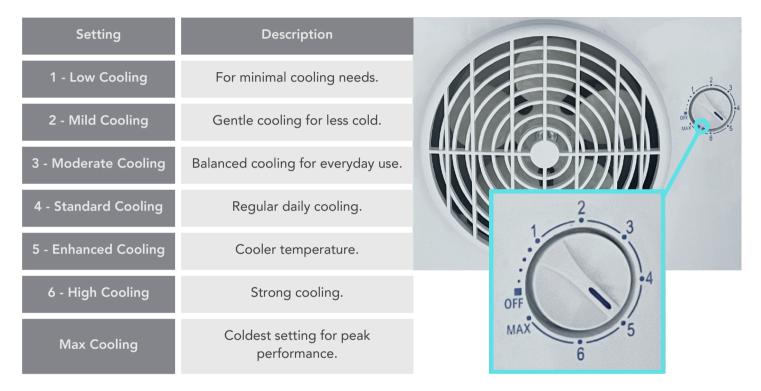
OPERATION

It is recommended to install the refrigerator in an area where the ambient temperature ranges between 60°F (16°C) and below 90°F (32°C). If the ambient temperature exceeds or falls below these recommended ranges, it may affect the performance of the refrigerator. For instance, placing the refrigerator in extremely cold or hot conditions can lead to fluctuations in interior temperatures.

TEMPERATURE CONTROL

The internal temperature is regulated by the thermostat control knob inside the cabinet. Simply turn the knob clockwise or counterclockwise to adjust between settings 1 to 6, with 1 being cold and 6 the coldest (32°F-50°F). The "OFF" position stops the compressor, while "MAX" keeps it running continuously.

IMPORTANT: Avoid leaving the refrigerator on "MAX" for more than 4-5 hours to prevent damaging the compressor.



INTERNAL FAN

The internal fan helps to evenly distribute cool air throughout the refrigerator, ensuring consistent temperature and effective preservation of stored items. The fan operates continuously to maintain uniform cooling inside the unit.

The fan is controlled by a door-activated switch. When the door is opened, the switch is released, causing the fan to stop. This helps conserve energy and prevent over-cooling while the door is open. When the door is closed, the switch is engaged by the door frame, activating the fan to continue its function and ensure even cooling throughout the refrigerator.



LEVELING AND MOVING THE REFRIGERATOR

A. Proper leveling is crucial for optimal performance. To level the refrigerator, place a carpenter's level on top to check if the refrigerator is level from front to back and side to side. Turn the leveling legs right to lower, or left to raise, until the unit is level.

B. The refrigerator is equipped with two wheels for easy mobility.

NOTE: For safe handling and to avoid damage, have an additional person assist when moving the refrigerator.



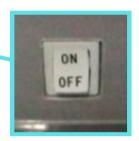
LIGHTBOX DISPLAY

The lightbox display, located on top of the commercial refrigerator, enhances visibility and branding. It is designed to showcase signage or promotional materials prominently, drawing attention to the refrigerator and its contents. The lightbox is illuminated to ensure clear and effective display of graphics, even in low-light environments. For information on replacing the lightbox display, refer to the replacement instruction sheet included in the packaging.

INTERIOR LIGHT AND LIGHTBOX SWITCH

The refrigerator is equipped with a dualfunction switch that controls both the interior cabinet lighting and the lightbox display on top. This combined switch provides convenient and streamlined operation for illuminating the interior and showcasing the top display.





GUIDE WHEEL ASSEMBLY

The guide wheel assembly aids in closing the door by serving as an auxiliary mechanism and acting as a limit. When the door is closed, the guide wheel helps block the door in place, preventing it from being easily released or opened unintentionally. This feature enhances the door's stability and ensures a secure closure.



NORMAL SOUNDS

Your new refrigerator may produce sounds that are unfamiliar to you. Hard surfaces, like the floor and walls, can amplify these sounds. Here are common sounds you may hear and their possible causes:

- Rattling Noises -These noises may originate from the flow of refrigerant or the water line. Items stored on top of the refrigerator can also contribute to rattling sounds.
- Compressor Sounds The high-efficiency compressor may emit pulsating or high-pitched sounds during operation.
- Water Flow Water running from the evaporator to the water reservoir may result in a splashing sound.
- **Refrigerant Circulation** At the end of each cycle, you may hear a gurgling sound caused by refrigerant flowing in the refrigerator.
- Condenser Fan You may notice the sound of air being forced over the condenser by the condenser fan.

OPERATION / LOADING PLAN

Please note that an individual's perception of noise is directly influenced by the environment in which the refrigerator is situated. Our refrigerators adhere to international standards for such equipment and incorporate the latest technical advancements. It's important to understand that some level of noise from the compressor and coolant circulating in the system is inevitable.

CONDENSATION/WATER DRIP

As your refrigerator operates, it produces condensation. The refrigerator drip tray collects water as it comes out of the defrost drain. Usually, this water evaporates into the air through a drip tray installed on top of the compressor, which aids in the evaporation process. Accessing the drip tray may be necessary if you need to empty or clean it.

POWER INTERRUPTION

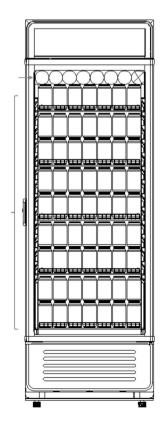
If the refrigerator is unplugged, encounter power interruption, or turned off, you must wait 3 -5 minutes before restarting the refrigerator. If attempted to restart before this time delay, the refrigerator may not start.

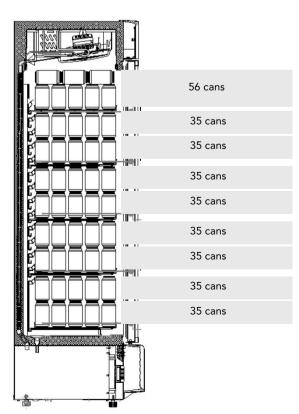
STORAGE

Beverage cans may vary in size and dimensions, affecting the actual number that can be stored. The 336 beverage can capacity is an approximate maximum when storing traditional 12 oz. cans. Other items may have different storage requirements.

When loading the cabinet, you can arrange the items in a single row or stack them. However, it's advisable to distribute the load throughout the refrigerator if you don't have enough items to fill it completely, to avoid imbalanced loads.

- Remove or relocate the adjustable shelves to accommodate larger cans, bottles, or other products.
- Maintain small gaps between the walls and the items stored and avoid overloading the cabinet to facilitate air circulation.
- Ensure the internal cabinet fan (located on the back wall panel inside the cabinet) is not obstructed by items stored inside.
- Do not attempt to slide the shelves outwards beyond their fixed positions to prevent items from falling.
- Do not pull out more than one loaded shelf at a time, as this may cause the refrigerator to tilt forward if not properly installed.





CARE AND MAINTENANCE

PREPARING FOR STORAGE

If the refrigerator will not be used for an extended period or is to be moved to another location, it's necessary to defrost the unit and dry the interior.

- 1. Disconnect the refrigerator from the power supply by unplugging the power plug from the wall socket. **WARNING**: Do not touch the power plug with wet hands. Never unplug the unit by pulling the cord.
- 2. Leave the door open to facilitate air circulation and prevent mold, mildew, and unpleasant odors.

CAUTION: Store the unit out of reach of children.

DEFROSTING

- Under typical ambient conditions, the refrigerator usually doesn't require defrosting. However, in colder ambient
 temperatures and/or high humidity, some frost may accumulate. To defrost the refrigerator, simply set the
 thermostat dial to "OFF", and defrosting should occur within a few hours. Once defrosting is complete, return
 the thermostat control knob to the desired setting. For faster defrosting, you can remove all items from inside
 the cabinet, unplug the refrigerator, and leave the door open. It's important to never use a knife or any other
 metal instrument to scrape ice or frost.
- To reduce frost, minimize the opening and closing of the refrigerator door. Ensure the door gasket seals and there are no gaps that may allow air inside.

CLEANING YOUR REFRIGERATOR

- Turn off the power, unplug the refrigerator, and remove all items including shelves.
- Wipe the interior with a warm water and baking soda solution. The solution should consist of about 2 tablespoons of baking soda to one quart of water.
- · Clean the shelves with a mild detergent solution.
- Wipe the exterior cabinet with warm water and mild liquid detergent.
- Avoid using steel wool or steel brushes on the stainless steel surface, as these may cause erosion and rusting.

VACATION TIME

- For short vacations lasting less than two days, leave the refrigerator operating.
- For longer vacations, if the refrigerator will not be used for an extended period, remove all items, turn off the refrigerator, and thoroughly clean and dry the interior.

MOVING YOUR REFRIGERATOR

- Remove all items from inside the refrigerator.
- Securely tape down (we recommend using painter's tape) all loose items (such as shelves) inside your refrigerator.
- Turn the adjustable legs up to the base to avoid damage.
- Tape (we recommend using painter's tape) the door shut.
- Ensure the refrigerator remains secure in the upright position during transportation and protect the exterior with a blanket or similar item.

ENERGY SAVING TIPS

- Position the refrigerator in the coolest area of the room above 60°F (16°C) and below 90°F (32°C), away from heat-producing refrigerators and direct sunlight.
- Ensure adequate ventilation around the refrigerator. Never block the air vents.
- Keep the door tightly closed and avoid frequent or prolonged opening.
- Organize the contents inside the refrigerator.
- Avoid overfilling the refrigerator to allow for proper air circulation.

TROUBLESHOOTING

Many common refrigerator 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 CAUSES	SOLUTIONS
The refrigerator does not operate	 There is a power failure The refrigerator is not plugged in A house fuse has blown or the circuit breaker is tripped 	 Ensure the refrigerator is plugged in and the power outlet has power Replace the broken fuse or reset the breaker
The refrigerator is not cold enough	 The refrigerator is placed too close to a heat source The door is opened too often The door is not closed completely The door gasket does not seal properly The room temperature is outside of the normal operating range Items are blocking the internal fan(s) 	 Adjust the temperature Keep the refrigerator away from sunshine or other heat sources Close the door tightly and do not open the door too frequently or for a long period of time Ensure the door gasket is not loose. Ensure the item is in an area with temperatures above 60°F (16°C) and below 90°F (32°C) Ensure no items are placed against the back internal cabinet wall
The refrigerator turns itself on and off frequently	 The ambient (room) temperature is too low or high A large amount of contents has been added to the refrigerator The door is opened too often The door is not closed completely The fan is circulating the air in the cabinet The door gasket does not seal properly 	 Decrease or increase the ambient (room) temperature To minimize internal temperature fluctuation, do not add large amount of contents at once Close the door tightly and do not open the door too frequently or for a long period of time Ensure the door gasket is not loose It is normal for the fan come on and off to circulate the air inside of the unit for even temperature distribution and to save energy

TROUBLESHOOTING

Many common refrigerator 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 CAUSES	SOLUTIONS
The refrigerator makes too much noise	 The noise may come from the flow of the refrigerant and expansion of the inside walls may cause popping and crackling noises Contraction and expansion of the inside walls may cause popping and crackling noises The refrigerator is not level 	 It is normal that as each cooling cycle ends, you may hear rattling or gurgling sounds caused by the flow of refrigerant in the refrigerator The high efficiency compressor may make a pulsating or high pitched sound Some popping or cracking noises are normal as are caused by expansion and contraction of the inside walls due to temperature changes Make sure the unit is on a hard and level surface Do not place the refrigerator on carpet See Normal Sounds
The door does not close properly	The refrigerator is not levelThe shelves are out of position	 Make sure the refrigerator is on a hard and level surface Avoid placing the refrigerator on a carpeted or soft surface Correctly install the shelves
Condensation builds up on the glass door	Ambient temperature or humidity is high.The door gasket is not sealing.	 Lower the room humidity by a dehumidifier or air conditioner. Ensure the door gasket is not loose or damaged.
The unit is frosting often	 The door was not closed completely The door gasket is not sealing Use a screw driver to loosen the screws to re-position the door/hinge and tighten the screws Ambient temperature or humidity is high. 	 Close the door tightly and do not open the door too frequently or for a long period of time The door may need to be repositioned Ensure the door gasket is not loose Lower the room humidity with a dehumidifier or air conditioner

ONE YEAR LIMITED WARRANTY

This PROTECH product is warranted to the original owner, purchased from an authorized PROTECH dealer within the 48 U.S. continental states, for one year from the original purchase date against defects in material and workmanship under normal commercial usage. Should your PROTECH product prove defective within one year from the date of purchase, contact PROTECH's Customer Support Team with the serial number and proof of purchase to make a warranty claim. A Return Authorization Number must be issued before returning any parts or products. Parts or products received without a PROTECH issued Return Authorization Number will be refused. Under this warranty, PROTECH will repair or replace any parts found defective with new or remanufactured parts or exchange the defective product with a new, refurbished, or remanufactured product at our discretion. All defective products and parts covered by this warranty will be repaired or replaced on a mail-in basis to PROTECH's Service Center. This warranty is not transferable. After the expiration of the warranty, the cost of labor and parts will be the responsibility of the original owner. Return freight is prepaid by PROTECH within two months of purchase. After two months to one year, the customer will be responsible for the return freight cost to PROTECH's Service Center. Please package the product carefully in its original packaging to avoid damage in transit. PROTECH is not responsible for damage resulting from shipper mishandling or improper packaging. Please retain the original box and packaging materials.

THIS WARRANTY DOES NOT COVER:

- Acts of God, such as fire, flood, hurricanes, earthquakes and tornadoes.
- Improper power supply such as power surge, low voltage, defective household wiring or inadequate fuses.
- Damage, accidental or otherwise, to the product while in the possession of a consumer not caused by a defect in material or workmanship.
- Damage caused by consumer misuse, tampering, lack of maintenance or failure to follow the care and special handling provisions in the instructions.
- Damage to the finish of the case, or other appearance parts caused by wear.
- Damage caused by repairs or alterations to the product by anyone other than authorized by the manufacturer.
- Removal, Replacement Packaging, Freight and Insurance cost for the warranty service.
- Products sold AS IS or from an unauthorized reseller.
- Products that have had their serial numbers removed or defaced.

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To obtain service or information, contact PROTECH via email at support@whynter.com or call 866-WHYNTER.

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