



CB1522DD INTELICARB™ ICE COOLED DISPENSER

Operators Manual



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Notice

The products, technical information, and instructions contained in this manual are subject to change without notice. These instructions are not intended to cover all details or variations of the equipment, nor to provide for every possible contingency in the installation, operation or maintenance of this equipment. This manual assumes that the person(s) working on the equipment have been trained and are skilled in working with electrical, plumbing, pneumatic, and mechanical equipment. It is assumed that appropriate safety precautions are taken and that all local safety and construction requirements are being met, in addition to the information contained in this manual.

This Product is warranted only as provided in Cornelius' Commercial Warranty applicable to this Product and is subject to all of the restrictions and limitations contained in the Commercial Warranty.

Cornelius will not be responsible for any repair, replacement or other service required by or loss or damage resulting from any of the following occurrences, including but not limited to, (1) other than normal and proper use and normal service conditions with respect to the Product, (2) improper voltage, (3) inadequate wiring, (4) abuse, (5) accident, (6) alteration, (7) misuse, (8) neglect, (9) unauthorized repair or the failure to utilize suitably qualified and trained persons to perform service and/or repair of the Product, (10) improper cleaning, (11) failure to follow installation, operating, cleaning or maintenance instructions, (12) use of "non-authorized" parts (i.e., parts that are not 100% compatible with the Product) which use voids the entire warranty, (13) Product parts in contact with water or the product dispensed which are adversely impacted by changes in liquid scale or chemical composition.

Correct Disposal of this Product



RECYCLE

This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.

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SAFETY INSTRUCTIONS

SAFETY OVERVIEW

- Read and follow **ALL SAFETY INSTRUCTIONS** in this manual and any warning/caution labels on the unit (decals, labels or laminated cards).
- Read and understand ALL applicable OSHA (Occupational Safety and Health Administration) safety regulations before operating this unit.

SAFETY ALERT SYMBOL



This is the safety alert symbol. When you see this in the manual or on the unit, be alert to the potential of personal injury or damage to the unit.

Types of Alerts



DANGER:

Indicates an immediate hazardous situation which if not avoided **WILL** result in serious injury, death or equipment damage.



WARNING:

Indicates a potentially hazardous situation which, if not avoided, **COULD** result in serious injury, death, or equipment damage.



CAUTION:

Indicates a potentially hazardous situation which, if not avoided, **MAY** result in minor or moderate injury or equipment damage.

SAFETY TIPS

- Keep safety signs in good condition and replace missing or damaged items.
- Learn how to operate the unit and how to use the controls.
- **Do not** let anyone operate the unit without proper training. This appliance is **not** intended for use by very young children or infirm persons without supervision. Young children should be supervised to ensure that they do not play with the appliance.
- Keep your unit in proper working condition and do not allow unauthorized modifications to the unit.

QUALIFIED SERVICE PERSONNEL



WARNING

Only trained and certified electrical, plumbing and refrigeration technicians should service this unit.

All wiring and plumbing must conform to National and Local Codes. Failure to comply could result in serious injury, death or equipment damage.

SAFETY PRECAUTIONS

This unit has been specifically designed to provide protection against personal injury. To ensure continued protection observe the following:

 **WARNING:** Disconnect power to the unit before servicing following all lock out/tag out procedures established by the user. Verify all the power is off to the unit before any work is performed. Failure to disconnect the power could result in serious injury, death or equipment damage.

 **CAUTION:** Always be sure to keep area around the unit clean and free of clutter. Failure to keep this area clean may result in injury or equipment damage.

Shipping And Storage

 **CAUTION:** Before shipping, storing, or relocating the unit, the unit must be sanitized and all sanitizing solution must be drained from the system. A freezing ambient environment will cause residual sanitizing solution or water remaining inside the unit to freeze resulting in damage to internal components.

CO₂ (Carbon Dioxide) Warning

 **DANGER:** CO₂ displaces oxygen. Strict attention **MUST** be observed in the prevention of CO₂ gas leaks in the entire CO₂ and soft drink system. If a CO₂ gas leak is suspected, particularly in a small area, **IMMEDIATELY** ventilate the contaminated area before attempting to repair the leak. Personnel exposed to high concentrations of CO₂ gas experience tremors which are followed rapidly by loss of consciousness and **DEATH**.

Mounting in or on a Counter

 **WARNING** While installing the unit in or on a counter top, the counter must be able to support a weight in excess of 1,000 lbs. to insure adequate support for the unit.
Failure to comply could result in serious injury, death or equipment damage.

Unit Location

 **CAUTION:**

- This unit is not designed for use in outdoor locations.
- The appliance must be placed in a horizontal position.
- The appliance is not suitable for installation in an area where a water jet would be used.

Machine Usage

 **CAUTION:**

- 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.

DETAILS OF MAINTENANCE TASKS

Clean All Exterior Surfaces

WARNING:

Do not use Abrasive Cleaners on this equipment.

1. Remove the cup rest and strainer from the drip tray.
2. Wash the drip tray, cup rest and strainer with warm soapy water. Rinse the drip tray, allowing the rinse water to run down the drain hose.
3. Wipe entire exterior of the tower with a damp cloth. Dry the tower with a clean, soft cloth.

CAUTION:

To minimize the possibility of damaging the surface of the tower, care must be taken when choosing a cloth to clean and dry the unit. The cloth must be of a clean cotton with a deep nap, or equivalent. If a damp cloth is required by the instructions, it must be rinsed out in clean water. The damp or the dry cloth must be manually fluffed to a softened consistency before using it to wipe or polish the painted tower.

Weekly - Clean And Sanitize The Valve Nozzle

1. Prepare a bucket of sanitizer solution, using 0.5 Oz. of household bleach (5.25% sodium Hypochlorite concentration) to one (1) gallon of potable water. Mixture must not exceed 200 PPM of chlorine. NOTE: This mixture may be used for all sanitizing procedures.
2. Dip the small round brush into the sanitizing solution and scrub the inside of the nozzle until it is clean.
3. Open the valve and allow water to run through the nozzle for two (2) minutes. This insures that the sanitizing solution is rinsed away.
4. Wipe the nozzle dry.
5. Repeat this procedure for the other valve.

Monthly - Clean And Sanitize Ice Bin, Drains And Drip Tray

CAUTION:

Only trained and qualified persons should perform these cleaning and sanitizing procedures.

1. Refer to the Weekly cleaning procedure to prepare the proper sanitizing solution for the unit.
2. Remove all the ice from the ice bin and melt any remaining ice with hot water.
3. Remove the ice bin drain strainer by lifting it straight up.
4. Prepare a mild detergent solution using 120°F (48.9°C) potable water. **NEVER** use water hotter than 120°F (48.9°C).
5. Using a nylon bristle brush (**Do Not use a wire brush**), clean the cold plate and the interior of the ice bin with the detergent solution.
6. Pour the remainder of the detergent solution down the drip tray and bin drains. Observe that the solution flows freely. If not, determine the cause. It may be necessary to replace the drain tubing.
7. Prepare two or more gallons of sanitizing solution. Pour half of the solution down the bin and drip tray drains. After the has completely drained, pour the remaining solution down the drains.
8. Replace the drain strainer.
9. Fill a mechanical spray bottle with sanitizing solution and spray the entire interior bin surfaces. Allow the sanitizer to air dry.



TROUBLESHOOTING

Trouble	Probable Cause	Remedy
Dispensed Product Carbonation Too Low	<ul style="list-style-type: none"> A. Carbonator primary CO₂ regulator out of adjustment for existing water conditions or temperature. B. Air in carbonator tank. C. Water, oil, or dirt, in CO₂ supply. D. Unit out of CO₂. 	<ul style="list-style-type: none"> A. Adjust carbonator primary CO₂ regulator (Reference manual provided with carbonator). B. Vent air out of carbonator tank through relief valve. Actuate dispensing valve carbonated water lever to make carbonator pump cycle on. C. Remove contaminated CO₂. Clean CO₂ system (lines, regulators, etc.) using a mild detergent. Install a clean CO₂ supply. D. Replace CO₂ tank.
Dispensed product comes Out of dispensing valve clear but foams in cup or Glass.	<ul style="list-style-type: none"> A. Oil film or soap scum in cup or glass. B. Ice Used for finished drink is sub-cooled. 	<ul style="list-style-type: none"> A. Use clean cup or glass. B. Do not use ice directly from freezer. Allow ice to become “wet” before using. (Refer to following NOTE). NOTE: Crushed ice in the glass also causes dispensing problems. When finished drink hits sharp edges of ice, carbonation is released from dispensed drink.
Dispensed product produces foam as it leaves dispensing valve	<ul style="list-style-type: none"> A. Dispensing valve restricted or dirty. B. Dirty water supply. C. Warm Product - No ice in bin, bridged ice on cold plate or plugged drain. 	<ul style="list-style-type: none"> A. Sanitize syrup system as instructed. B. Check water filter. Replace cartridge. (see NOTE) C. Replenish ice, break ice up to eliminate bridging, unplug the drain. NOTE: If water supply is dirty, be sure to flush lines and carbonator completely. It may be necessary to remove lines to carbonator tank, invert tank, and flush tank and all inlet lines to remove any foreign particles or dirt.
No product dispensed from either dispensing Valve	<ul style="list-style-type: none"> A. Water inlet supply line shutoff valve closed. B. Filter plugged. 	<ul style="list-style-type: none"> A. Open water inlet supply line shutoff. B. Check water filter. Replace cartridge
No water dispensed from Carbonated water faucet	<ul style="list-style-type: none"> A. Carbonator power cord unplugged from electrical outlet. 	<ul style="list-style-type: none"> A. Plug carbonator power cord into electrical outlet.
Water flow too fast/ too slow from dispensing Valves	<ul style="list-style-type: none"> A. Flow control out of adjustment. 	<ul style="list-style-type: none"> A. Adjust flow control on the side of the faucet. (Center of flow control travel is the highest flow. Ends of flow control travel are the lowest flow).

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