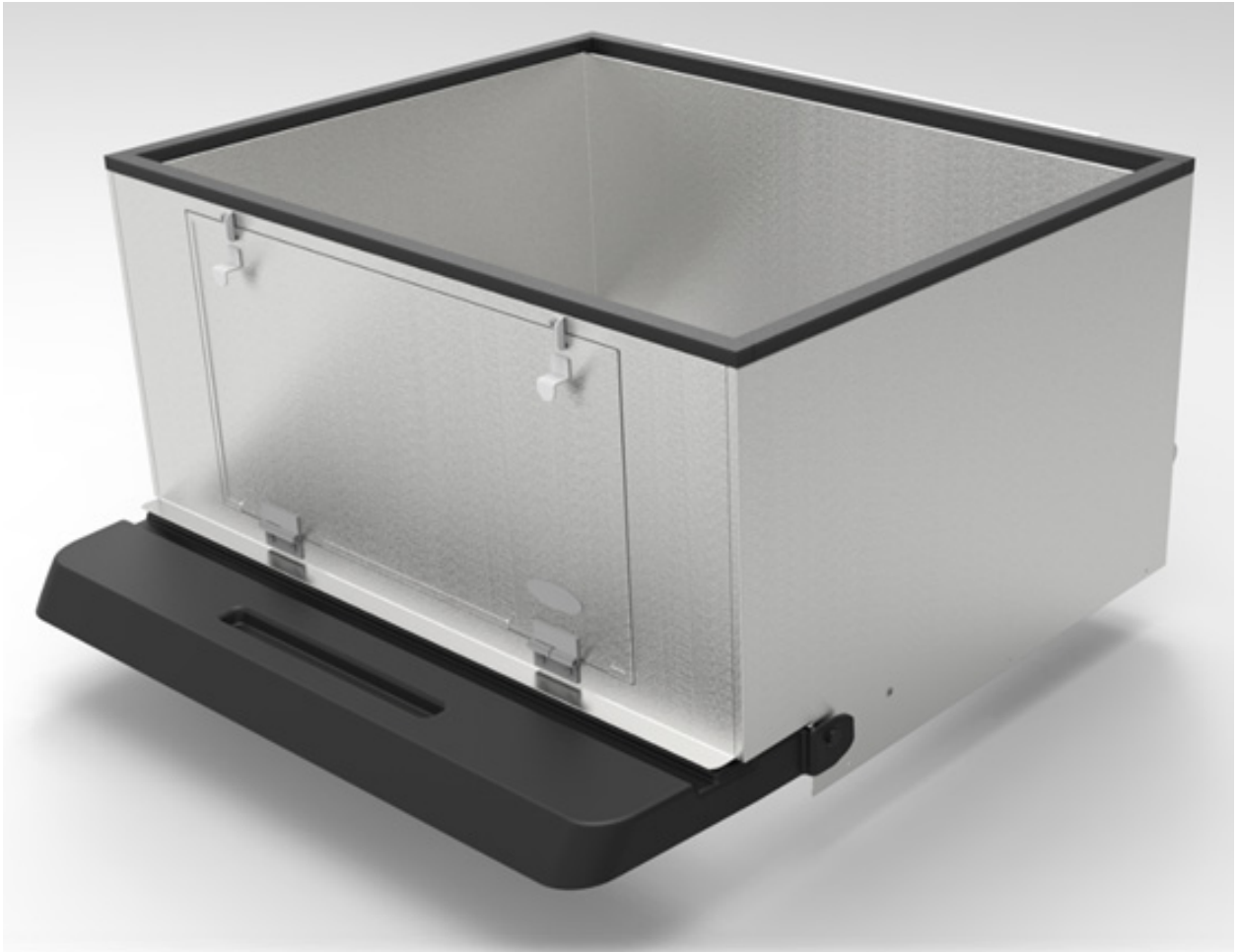


ICM ADAPTER - IDC ELEVATED ADAPTER Installation Manual



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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.

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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.

Trademarks and Copyrights

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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.
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SAFETY PRECAUTIONS


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

 WARNING	<p>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.</p>
 CAUTION	<p>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.</p> <p>Whenever the unit is removed from service and/or transported, the unit must be completely drained of product and rinsed out to remove residual product.</p> <p>When transporting the unit, make sure that the unit is carefully tied down or stored in such a manner that the unit will not move during shipment.</p>


Shipping And Storage

 CAUTION	<p>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.</p>
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CO₂ (Carbon Dioxide) Warning

 DANGER	<p>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.</p>
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Mounting in or on a Counter

 WARNING	<p>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 (454 kg). to insure adequate support for the unit.</p> <p>Failure to comply could result in serious injury, death or equipment damage.</p>
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Unit Location

 CAUTION	<ul style="list-style-type: none"> • 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.
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Machine Usage

 CAUTION	<ul style="list-style-type: none"> • 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.
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INSTALLATION

This elevated ice maker adapter kit is exclusively designed for Cornelius IDC 215/255 dispensers and for ice makers with an overall footprint of 30" x 24.5". Contact your Cornelius Sales Representative for additional information and questions.

Review all content in this manual first, before performing installation activities.

The following items are supplied with the kit

Table 1: Supplied with Kit

PART NUMBER	DESCRIPTION
560002751	Retainer Bin Stat BRKT
620063300	Frame Assembly Adapter
620063389	BRKT Bin Stat
620520652	LID Manual Fill
629097449INS	Installers/Cleaning Manual
620702201	Cleaning Brush
620064153	Chain Grade 30 Steel Zinc PI 1300# Load
70217	Screw Sm 08 Tb Hx 16
620064131	Screw Sm #14 Hxsl 64 Stzi
70171	Screw Ma 08-32 Trph 12 SS
620064159	Conn Oval Thrd Zinc PI 770# Load
620064132	Anchor Wall Znc PI 1000# Load Limit
620064129	Brkt lcmkr Mtg Costco

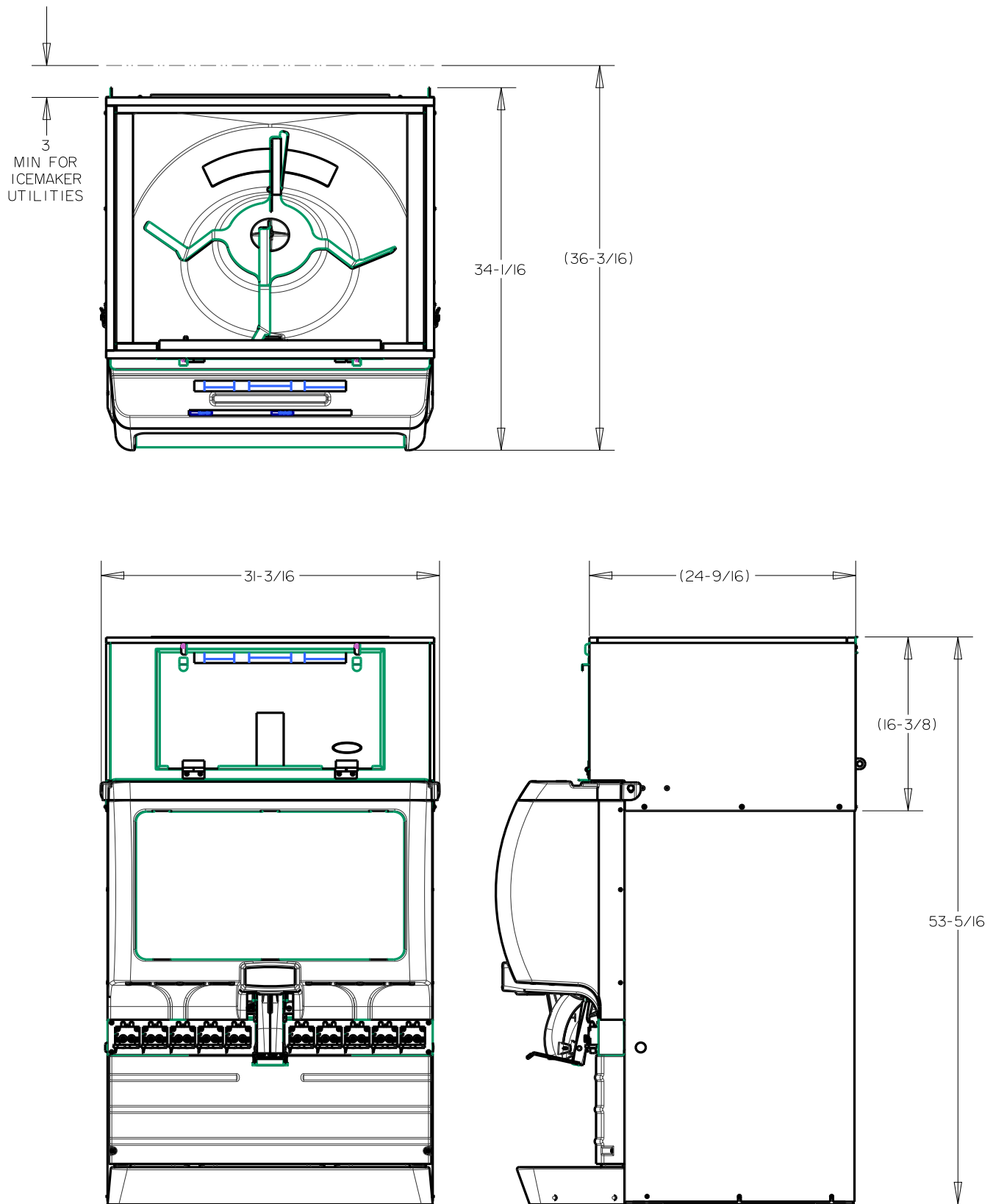


Figure 1. IDC 255 SHOWN

LOCATING AND SECURING THE UNIT

Installation requires the frame assembly of the unit be properly fastened and attached to a structural member of the facility using seismic chains (see Table 1: 620064153 - Chain Grade 30 Steel Zinc PI 1300# Load) and wall cleats supplied with the kit.



WARNING:

Proper location and installation of the unit with wall cleat and seismic chain components is critical. Failure to comply could result in serious injury, death or damage to the equipment.

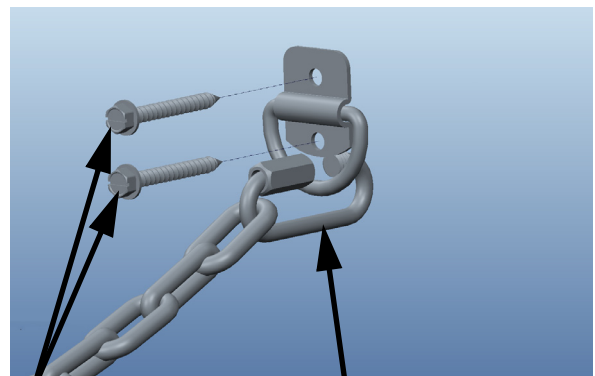
Before placing the Adapter Frame assembly on top of IDC unit, identify the proper location for the wall cleats that will be used to secure the unit with seismic chain to a structural member of the facility.

Once the proper wall cleat location has been identified, install the wall cleats. Wall cleats must be securely and properly fastened to a structural member of the facility for optimal strength. See Figure 2. and Figure 3. below.

NOTE: Attaching the chain to secure the unit to the wall cleat will be done **last**, to complete installation.



Figure 2.



Use #14 Screws to
Secure cleats to wall.

Use oval connectors
to tie seismic chains
to wall.

Figure 3.

INSTALLING THE UNIT

Perform the following activities to install the unit.

1. Remove IDC lid and discard.
2. Clean the top of hopper top flange with a soft cloth and warm soap solution. See Cleaning and Maintenance Instructions - Soap Solution on page 12.
3. Carefully place the Adapter Frame assembly on top of IDC unit making sure frame is pushing fully against rear wall of dispenser, as shown in Figure 4.

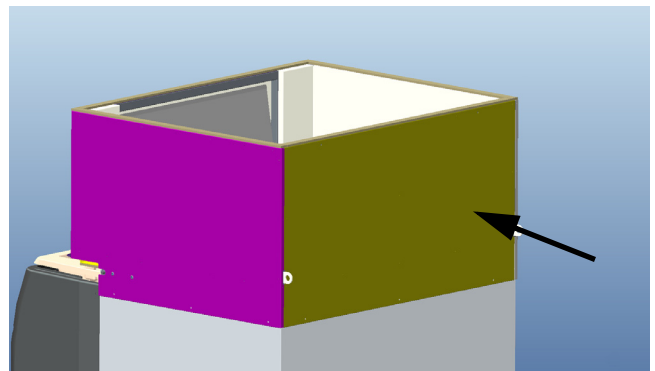


Figure 4.

4. On each side and rear of the Frame assembly, there are 3 holes for a total of 9. Use these holes to drill 0.147" (#26 drill) diameter holes thru the dispenser wrapper only, as shown in Figure 5.


CAUTION:

Drill only through sheet metal wrapper only.



Figure 5.

5. Use supplied #8 self tapping screws, secure Frame assembly to dispenser into the drilled holes, as shown in Figure 6. & Figure 7.


CAUTION:

Do not over torque screws, this will damage hole(s) and will compromise frame to dispenser mounting and could pose a personal safety risk.



Figure 6.



Figure 7.

6. Check function of panel and manual fill lid. Front panel swings downward by rotating the clips and using the door pulls, as shown in Figure 8. and Figure 9. Manual lid in front pulls forward then swings upward, as shown in Figure 10.

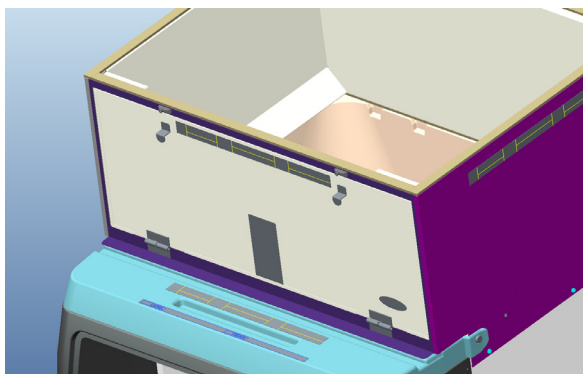


Figure 8.

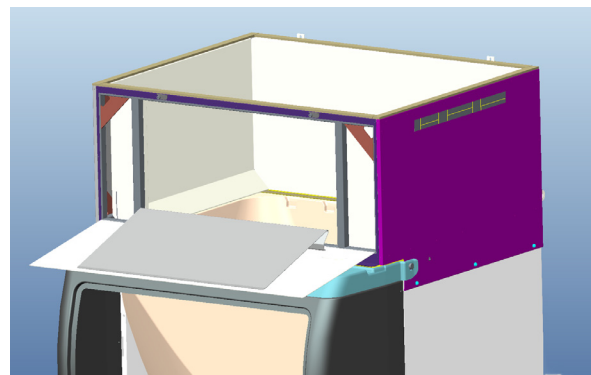


Figure 9.



Figure 10.

7. Place Ice maker on top of Frame assembly.

! CAUTION:

Do not slide the ice maker in place as gasket seal damage may occur.

Install Ice maker as per Manufacturer's Installation Instructions.

8. Install Ice maker Bin Stat (ice level sensor).

The ice level in dispenser hopper should always be a minimum 2" below hopper top for cubed ice and 4"-6" below for soft ice (chunklet, chewbelt).

For ice makers that use 'cap tube' technology for ice level sensing, Cornelius supplies a bracket and retainers to mount cap tube, install and route as shown in Figure 11. and Figure 12.

For Manitowoc Ice makers that use Manitowoc Ice K00477 Dispenser Thermostat Kit (Sold Separately), See Figure 13a. and See Figure 13b. for Installation.

! CAUTION:

Failure to install could result in equipment damage.

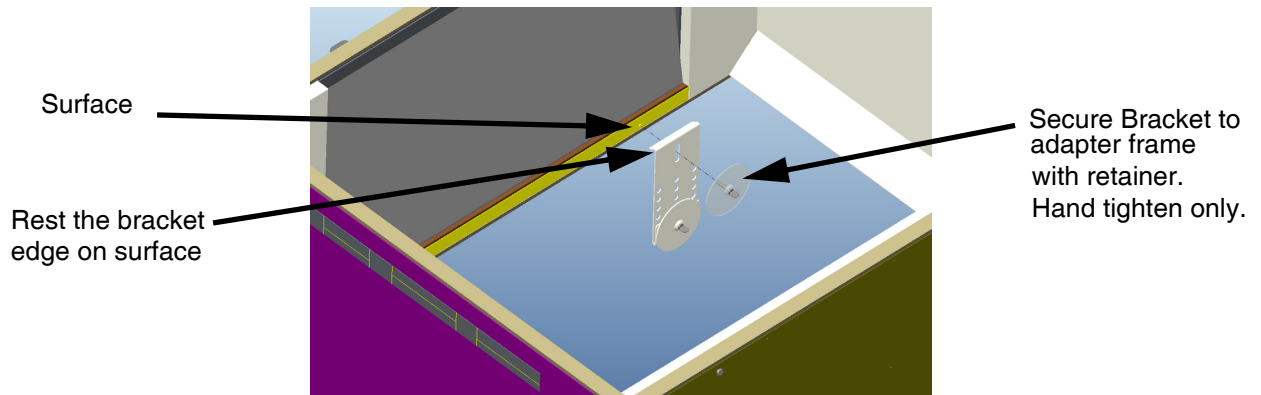


Figure 11. (Cap Tube Technology)

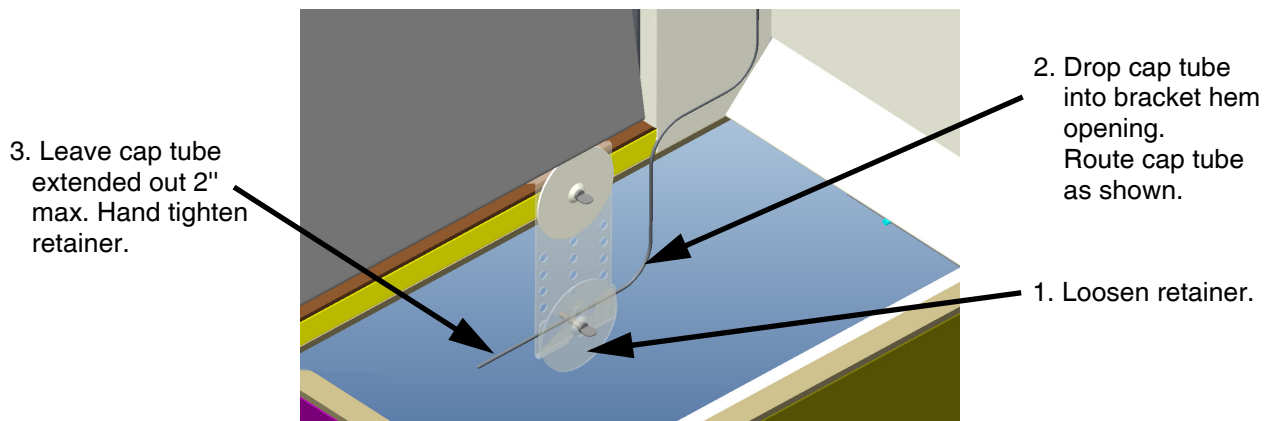


Figure 12. (Cap Tube Technology)

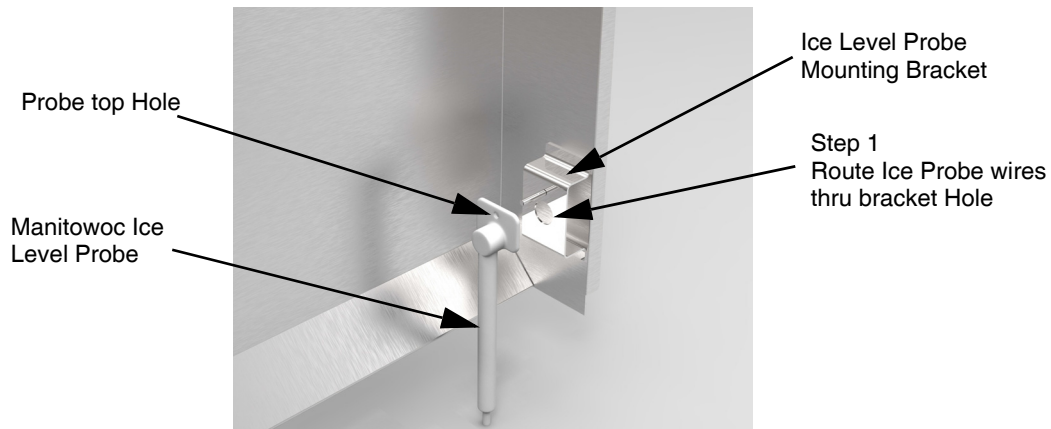


Figure 13a. (Manitowoc Ice Level Probe)

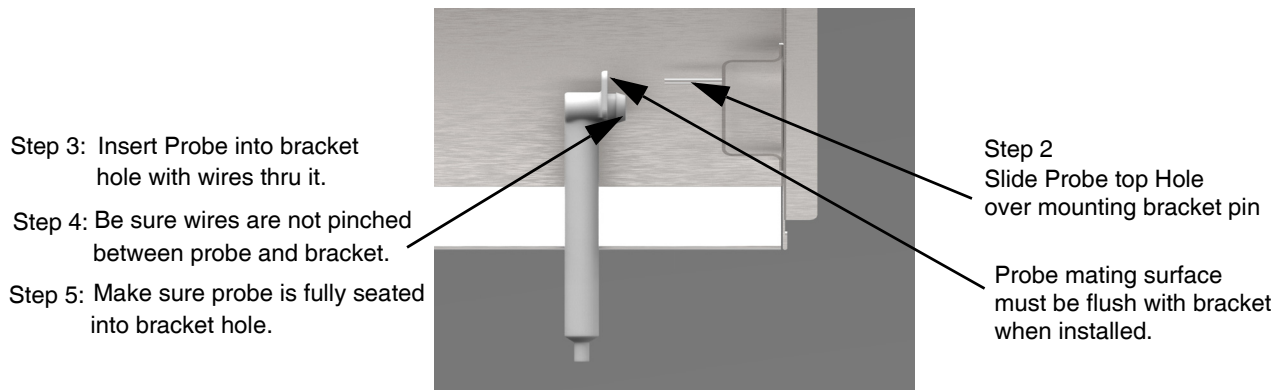


Figure 13b. (Manitowoc Ice Level Probe)

9. Secure ice maker to frame assembly at the rear with supplied bracket, as shown in Figure 14.



WARNING:

Be sure not to drill into any ice maker critical components. Check with the ice maker manufacturer if necessary. Failure to comply could result in serious injury, death or damage to the equipment.

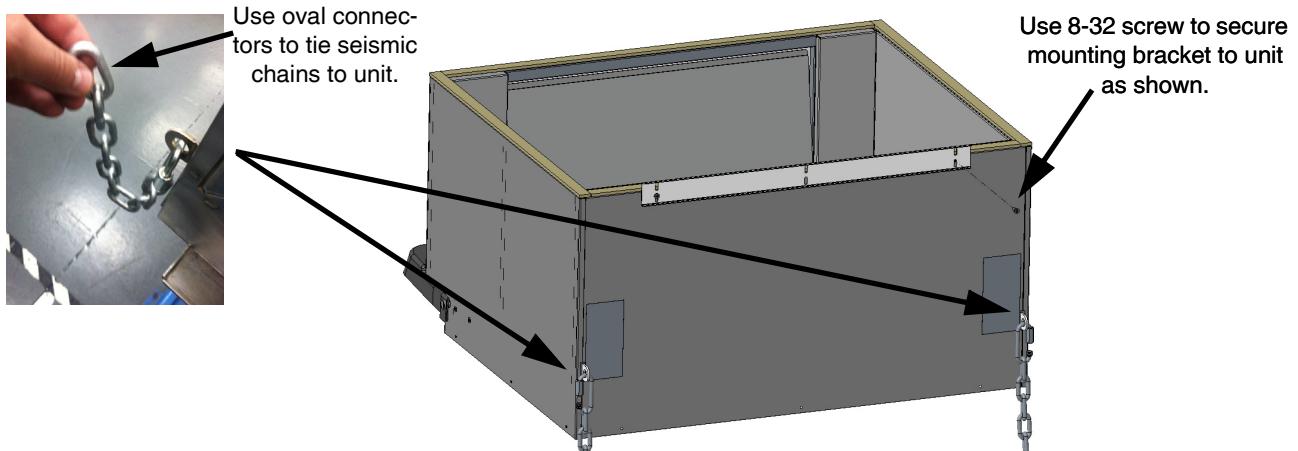


Figure 14.



WARNING:

Proper location and installation of the unit with wall cleat and seismic chain components is critical. Failure to comply could result in serious injury, death or damage to the equipment.

CLEANING AND MAINTENANCE INSTRUCTIONS

**WARNING:**

Disconnect power to the unit before servicing. Follow all lock out/tag out procedures established by the user. Verify all power is off to the unit before performing any work.

Failure to comply could result in serious injury, death or damage to the equipment.

**WARNING:**

Do not use metal scrapers, sharp objects or abrasive on ice storage hopper, top cover, agitator disc or exterior surfaces as damage to the unit may result. Do not use solvents or other cleaning agents as they may attack the material, resulting in damage to the unit.

- **Soap Solution** - Use a mixture of mild detergent and warm (100° F) portable water.
- **Sanitizing Solution** - Dissolve 1 packet [1 oz.(29.6 ml)] of Stera Sheen Green Label (or KAY-5 Sanitizer/cleaner) into 2-1/2 gallons of warm[80-100° F (26.7- 37.8°C)] portable water to ensure 100 ppm of chlorine.

DAILY MAINTENANCE

1. Wipe down the exterior of the unit using a soft cloth and the soap solution. Rinse them with clean water and wipe them dry with a clean soft cloth, as shown in Figure 15.



Figure 15.

WEEKLY MAINTENANCE

1. Remove all ice from the hopper.
2. Open all access panels and remove agitator retainer, disk and agitator. Remove access panels by sliding off of hinge pins, as shown in Figure 16. & Figure 17.



Figure 16.



Figure 17.

3. Use soap solution and a nylon brush to clean the interior of the hopper, agitator disk, agitator retainer and agitator assembly. Thoroughly rinse all cleaned parts with clean water, as shown in Figure 18.

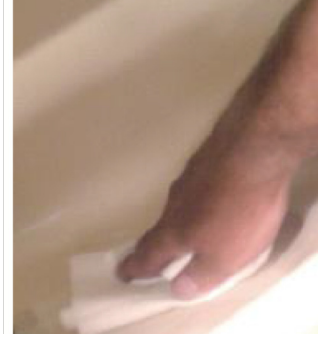


Figure 18.

4. Reinstall the agitator assembly. Make sure the retainer is tight, as shown in Figure 19.

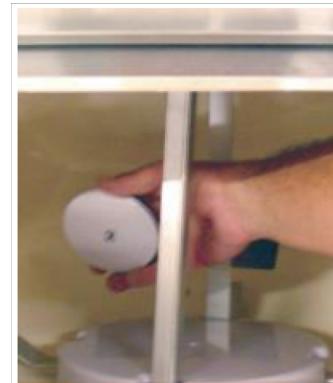


Figure 19.

5. Use a spray bottle filled with sanitizing solution to spray the entire interior of the hopper and agitator assembly, then allow to air dry, as shown in Figure 20.



Figure 20.

6. Use soap solution and a nylon brush to clean all the access panels. Thoroughly rinse all cleaned panels with clean water, as shown in Figure 21. & Figure 22.



Figure 21.



Figure 22.

7. Use a spray bottle filled with sanitizing solution to spray the entire surfaces of access panels and then allow to air dry.
8. Re-install access panel into frame assembly.

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