



INSTALLATION INSTRUCTIONS

ED300 Lid Kits for Ice Makers

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Revision: A

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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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Contact Information:

To inquire about current revisions of this and other documentation or for assistance with any Cornelius product contact:

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This document contains the original instructions for the unit described.

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SAFETY INSTRUCTIONS

SAFETY

WARNING:

Before starting installation, read and understand all safety label and warnings on the machine. Also review and understand all safety instructions in the owners, installation and service manuals.

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

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.

QUALIFIED SERVICE PERSONNEL

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.

SAFETY PRECAUTIONS

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

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.

INSTALLATION INSTRUCTIONS

Table 1. Loose Shipped Parts

Item No.	Name	Part No.	Qty.
1.	Lid Assembly	620046124	1
2.	Cover and lanyard assembly - Black	620064177	1
	Cover and lanyard assembly - Grey	620065192	
3.	Baffle Ice ED150 Adapter Lid	620042919	1
4.	Bin-Stat Kit	631500108	1
5.	Bracket	22127	2
6.	Screw, Mounting	70217	12
7.	Label	91957	1
8.	Acorn Nut, Nylon	620701902	4
9.	Sealing Washer	620701901	4
10.	Nylon Washer	621701903	4
11.	Gasket	620050102	103"
12.	Screw #08-32	43164	2
13.	Hex Nut #08-32	70100	2

⚠ WARNING:

All ice baffle plates and bin stats, if included or recommended in this kit, must be installed as directed in this manual or the equipment manufacturer's instructions.

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

⚠ WARNING:

All of the attachment screws and plates must be installed as directed in this manual.

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

IMPORTANT: For DF/ED300 models, adjust the automatic agitation timer located in the dispenser's electrical control box to 5 seconds on, 20 minutes off. Access to the timer is provided by removing the merchandiser/upper front panel.

1. Unpack and inspect the kit. Refer to Figure 1. and Figure 2. for component details.
2. Insert the ice baffle (item 3) into the lid assembly (item1, Figure 1.)

IMPORTANT: The baffle prevents ice from overflowing the manual fill area during agitation/ dispensing with a full storage bin and forcing the manual fill cover off.

3. Place the sealing washers (item 9) over the studs and flat washers (item 10) then fasten in place with the nylon acorn nuts (item 8).
4. Set the lid assembly onto the dispenser. Using the slotted holes on the side of the lid as a template, drill four (4) 9/ 64" diameter holes at the bottom of the slots (Figure 2.)

⚠ CAUTION:

Use extreme care not to drill into the hopper. Use a drill stop to ensure that the drill bit does not penetrate deeper than 1/4" past the sheet metal. Failure to do so could result in a hole in the hopper, greatly reducing the efficiency of both the dispenser and ice maker.

5. Fasten the lid to the dispenser with four (4) #8 sheet metal screws (item 6), two on each side.
6. Seal the ice maker to the top of the dispenser as follows:
 - A. Remove the ice maker front panel.

B. Position the ice maker base on the gasket located on the lid assembly.

IMPORTANT: DO NOT slide the ice maker into position on the lid.

C. Lift and set the ice maker base onto the lid to avoid damaging the gasket seal.

7. Install the brackets (item 5) on the rear corners of the ice maker, using the brackets as a template. Use care not to drill into any ice maker components (condenser, tubing, etc.) or into the ice hopper. Be sure to overlap the lid assembly with the brackets, installing screws in both the lid assembly and ice maker.
8. Install the wireform bracket supplied with the bin-stat kit (item 4) through the 5/8" diameter hole in the bottom of the ice maker, wrapping the eye of the wireform over the stud near the hole in the ice maker and secure with the 8-32 nut provided (Figure 3. and Figure 4.) Feed the bin-stat cap tube through the hole to the end of the wireform bracket and wrap the tube around the end of the bracket several times, insuring that the tube is secure.

CAUTION:

The bin-stat must not interfere with the agitator rotation not be in the path of the ice falling from the ice maker. If so, bend the bracket out of the way.

9. Apply the label (item 7) on the front of the cover.

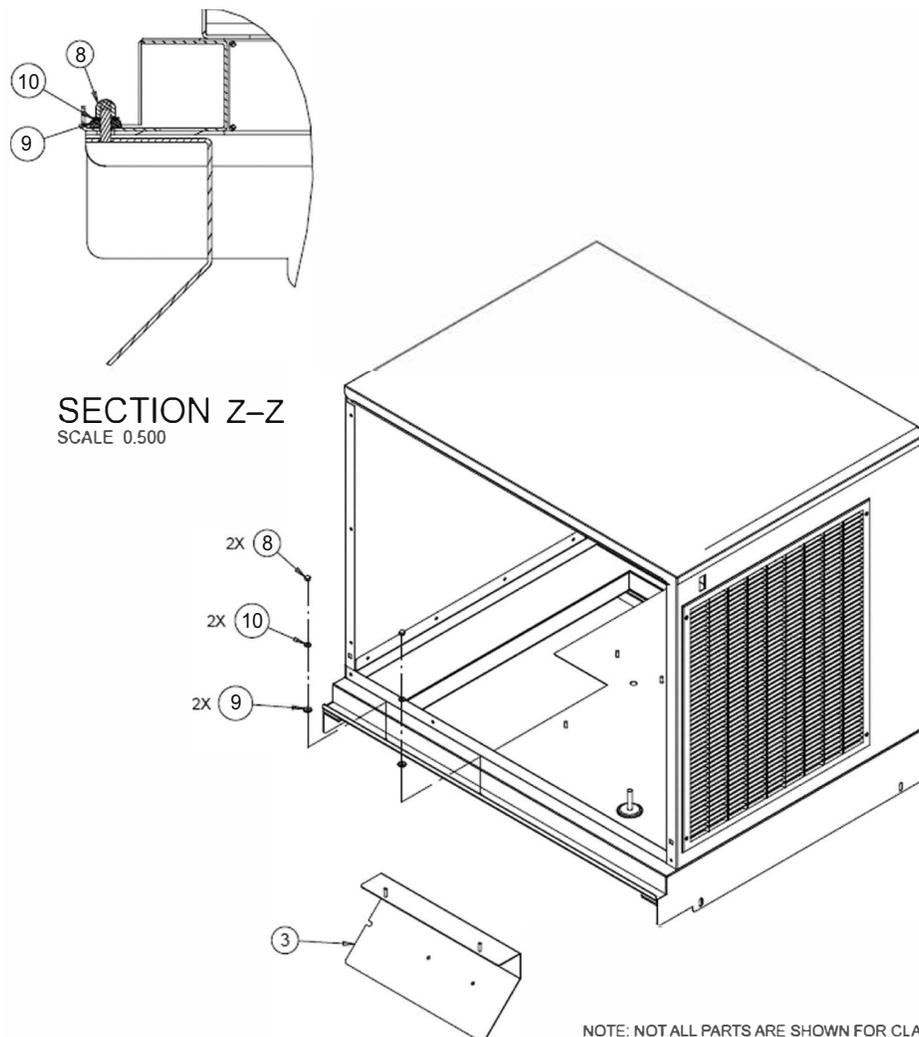


Figure 1. Parts

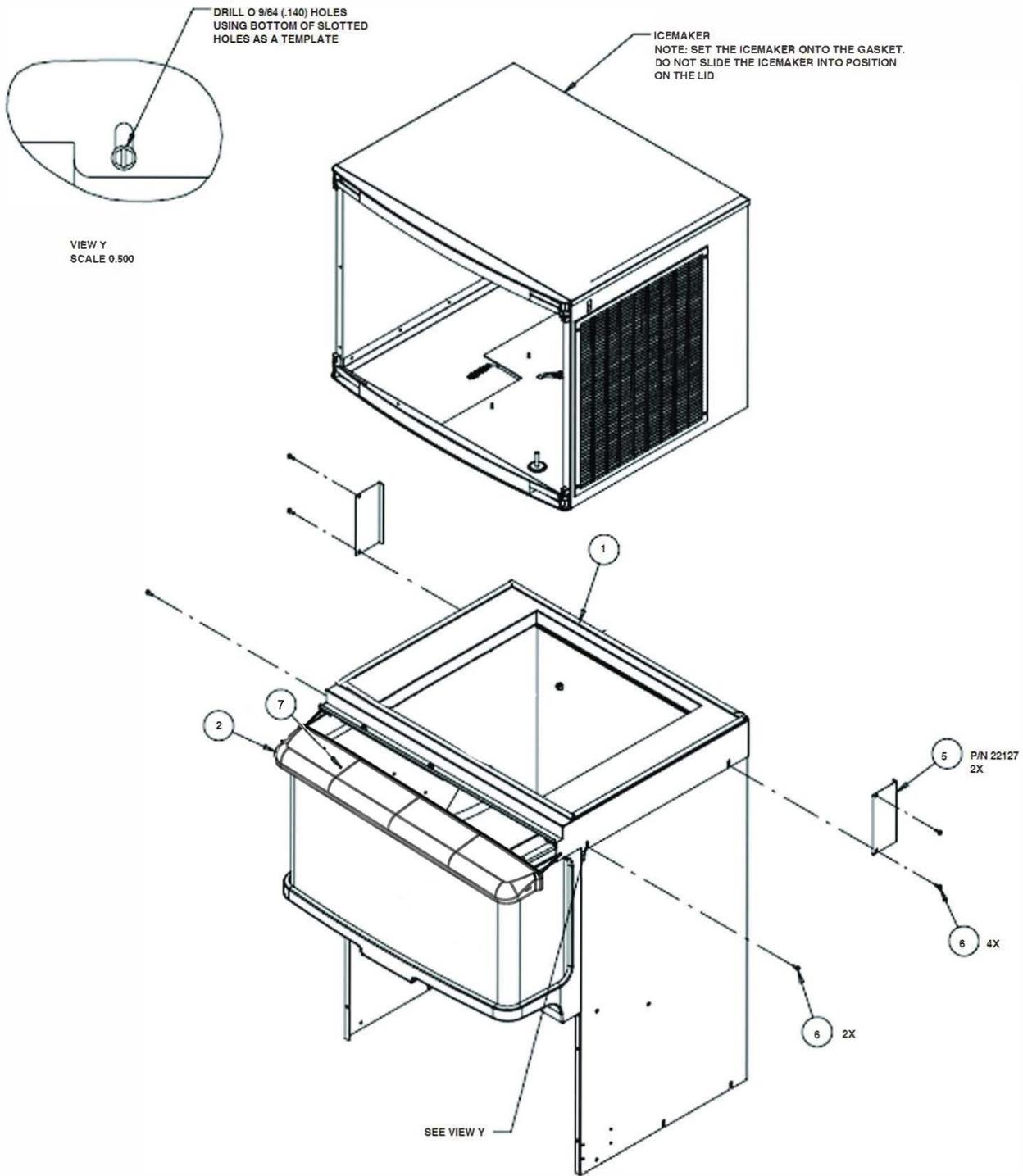


Figure 2. Dispenser Assembly

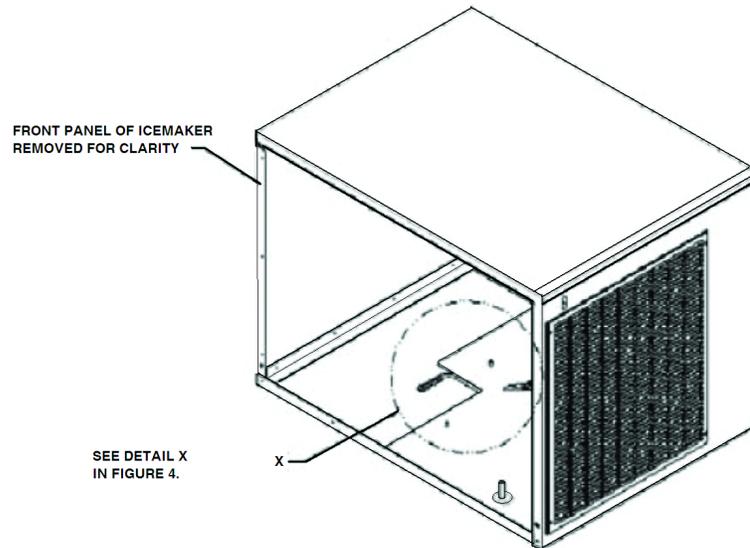


Figure 3. Bin Stat

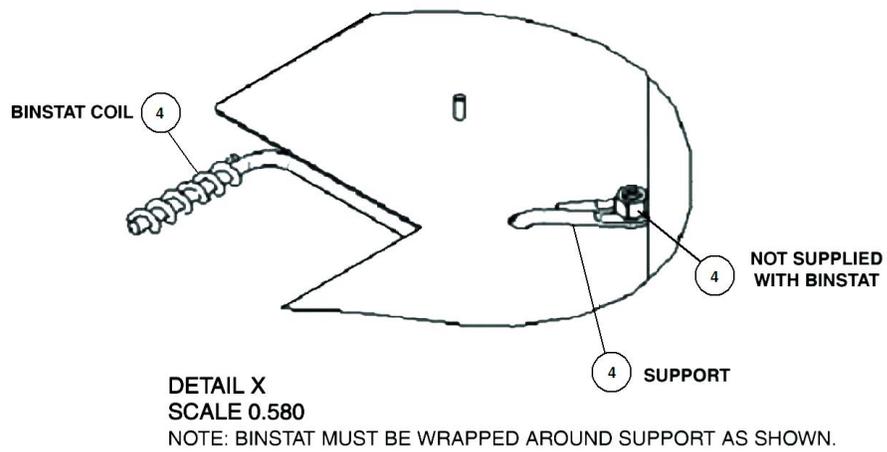


Figure 4. Detail X

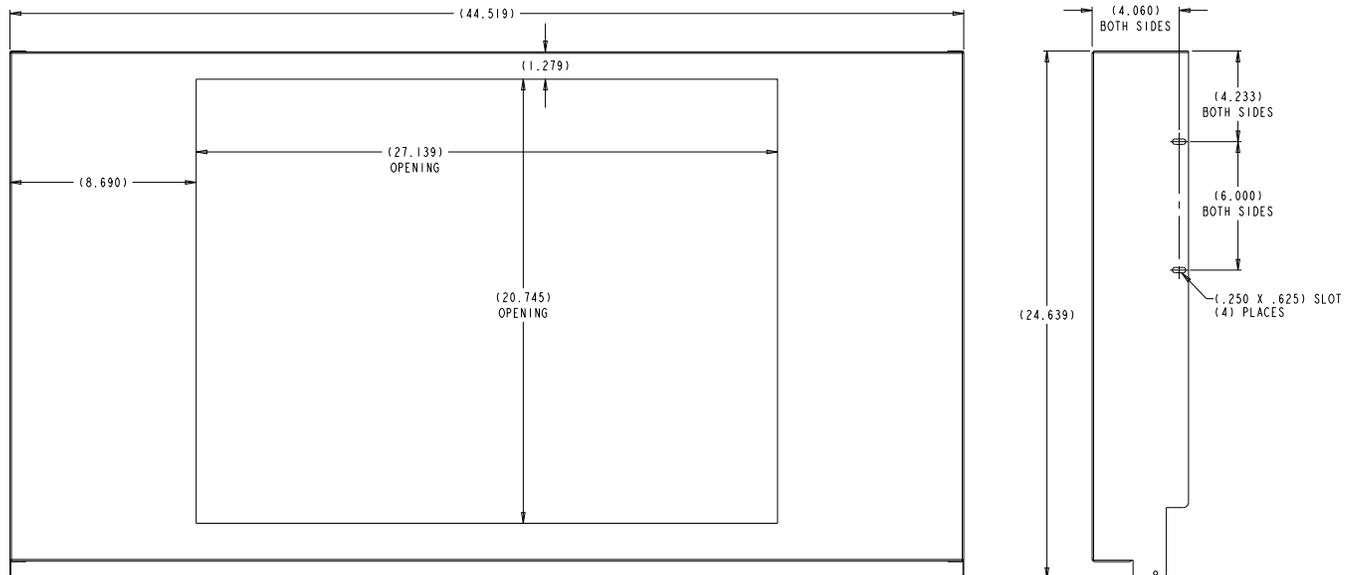


Figure 5. Reference Sheetmetal Cover Opening Dimensions for Mounting Icemaker.

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