



# **INSTALLATION & OPERATION MANUAL ELECTRIC CONVEYOR TOASTER**

**Entrée LLC  
4673 Osborne Drive, Suite D  
El Paso TX 79922**

## **ECT300**



**FOR WARRANTY SERVICE CALL:  
704-900-2068**

# Congratulations!

You have purchased one of the finest pieces of commercial cooking equipment on the market. You will find that your new equipment, like all ENTREE equipment, has been designed and manufactured to meet the toughest standards in the industry. Each piece of ENTREE equipment is carefully engineered, and designs are verified through laboratory tests and field installations. With proper care and maintenance, you will experience years of reliable, trouble-free operation. For the best results, read this manual carefully. All the information and guidelines of this user's manual comply with certain applicable regulations, which come from our long-term accumulated knowledge and experience, as well as current project development situations. Should you have any questions, please don't hesitate to contact ENTRÉE by calling the number below or going to our website: [www.entree.biz](http://www.entree.biz).

Please post or retain this document in a known location close to the device for reference for any user. Have each operator read this manual before carrying out and action on this device, especially when starting. Entrée declines any responsibility in the event users do not follow the instructions or guidelines stated here.

## SAFETY PRECAUTIONS

Before installing and operating this equipment, be sure everyone involved in its operation is fully trained and aware of precautions. Accidents and problems can be caused by failure to follow fundamental rules and precautions. The following symbols, found throughout this manual, alert you to potentially dangerous conditions to the operator, service personnel, or to the equipment.

	This symbol, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of fire or electric shock to persons.
	This symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.
	This symbol is intended to alert the user to the high heat potential.



### FOR YOUR SAFETY TO AVOID SERIOUS PERSONAL INJURY AND PROPERTY DAMAGE:

- **ALWAYS** install equipment in a work area with adequate light and space.
- **ONLY** operate on a solid, level, nonskid surface that is nonflammable and away from sinks and water hazards.
- For your safety, please keep the machine away from any liquid, gas or other object, which is flammable or explosive.
- **Any self-modification, wrong installation, adjustment, or maintenance** can lead to property loss or casualty. Doing so may create hazards and will void the product's warranty. Please contact the manufacturer for any adjustment or maintenance, and have the work done by a trained & qualified person.
- **This appliance should not be operated** by those who have physiological, perceptual, or mental disabilities or those who have insufficient experience or knowledge (including children). Only in conditions of being given sufficient supervision & guarantee of personal safety, as well as proper instructions & guidance, those who were mentioned above can make some particular operation of this device.
- **Keep** children away from the device.
- **Do not store or use gasoline or any other liquid** that is flammable or explosive in vicinity of this device.

***Keep appliance area free and clear of combustibles.***

***Retain this manual for future reference.***

**THIS PRODUCT IS DESIGNED, BUILT, AND SOLD FOR COMMERCIAL USE ONLY.  
THIS PRODUCT IS NOT APPROVED FOR RESIDENTIAL OR NON-COMMERCIAL USE  
WARRANTY AND LIABILITIES ARE VOID IF USED IN RESIDENTIAL OR NON-COMMERCIAL INSTALLATION.**

# Table of Contents

Specifications-----Page 3  
 Installation-----Page 3  
 Electrical Connections-----Page 4  
 Accessory Installation -----Page 4  
 Operating Instructions-----Page 6  
 Cleaning & Maintenance-----Page 7  
 Trouble Shooting -----Page 7  
 Wire Schematic -----Page 8

Read these instructions carefully before attempting installation. Unless the installation instructions for this product are followed by a qualified service technician (a person experienced in and knowledgeable of the installation of commercial gas and/or electric cooking equipment) then the terms and conditions on the Manufacturer's Limited Warranty will be rendered void and no warranty of any kind shall apply.

## SPECIFICATIONS

**Conveyor Toaster Voltage - This unit is factory supplied 120 VAC, 60Hz.**

In the United States, install the oven in accordance with: 1) State and local codes; 2) National Electrical Code, NFPA-70 (latest edition) and 3) NFPA Standard #96, Vapor Removal from Cooking Equipment (latest edition), available from National Fire Protection Association, Batterymarch Park, Quincy, MA 02269.

 In Canada, install the oven in accordance with: 1) Local codes; 2) Canadian Electrical Code, CSA Standard C22.2 No. 1 (latest edition) and 3) Canadian Standard for Commercial Cooking Equipment CSA Standard C22.2 No.109 (latest edition).

## SPECIFICATIONS

Model	Height Inches (mm)	Width Inches (mm)	Depth Inches (mm)	Belt Width	Slices Per Hour	VAC	kW	Amp (1ø)	Plug Type	Appx Ship Weight	Appx Net Weight
ECT300	16(406)	14.5(368)	16.5(419)	10.5	300-350	120	1.75	14.6	NEMA 5-20P 5-15P(US only)	40 Lbs.	35.25 Lbs.

## UNPACKING

Unpack the conveyor toaster immediately after receipt. Remove the conveyor toaster from all packaging on and surrounding the unit and be certain to remove all protective plastics and residues from all surfaces. Make sure that all parts provided are located. Equipment must have its legs properly installed before use. Before using this equipment, it must be cleaned and dried thoroughly.

## INSTALLATION

1. Read this manual thoroughly before installation and operation. DO NOT proceed with installation and operation if you have any questions or do not understand anything in this manual. Contact your local representative or ENTREE first.
2. Select a location for the electric conveyor toaster that has a level, solid, non-skid surface that is nonflammable and away from water hazards or sinks and is in a well-lighted work area away from children and visitors.

 **Local codes regarding installation and ventilation vary greatly by area. The National Fire Protection Association states in its NFPA 96 latest edition (see NFPA page at the beginning of this manual) that local codes are “authority having jurisdiction” when it comes to requirements for installation of equipment. Therefore, the installation should comply with all local codes.**

## ELECTRICAL CONNECTIONS



Before making any electrical connections, check the follow:

- Voltage supply matches the voltage input on the data tag. Attached the incorrect supply voltage can damage your product and void the product warranty.
- Be sure to use a dedicated circuit breaker for each toaster. And that the circuit breaker is sized according to the amperage used by the toaster.
- This product is supplied with a 120V/20 Amp Plug, see diagram at right. Do not alter or change plug, it will cause electrical issues and will void the warranty.
- Ground. Be sure there is a good ground connection.



**NOTE:** Smoke appearing on initial use of the appliance is normal. This is a result of the oil in the manufacturing process that is burning off. This will occur for several minutes during the first use or seasoning process.

### Accessory Installation:

- Have the appliance unpacked and take out the following accessories: food tray (bottom) (1), food tray (back) (1), lead-in rack (1), adjustable leg (4).
- First, screw the four adjustable legs into the screw holes at bottom in right rotation. Then, put them onto the operating platform at the proper height. For safe operation's, please level the machine by adjusting the adjustable legs.
- Insert the hooks on both ends of the lead-in rack into the mounting holes, as indicated in Fig. 1.
- Installation of food tray (bottom): hang the food tray on nail ① according to the arrow direction indicated in Fig. 2.
- Installation of food tray (back): hang the food tray on nail ② according to the arrow direction indicated in Fig. 3.

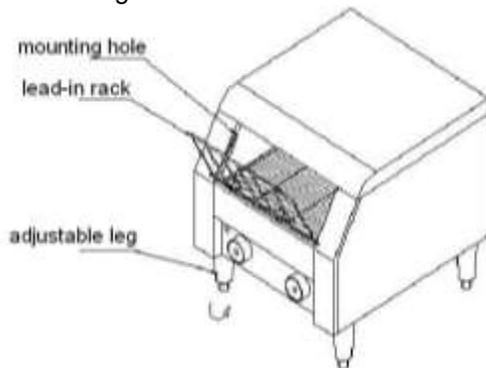
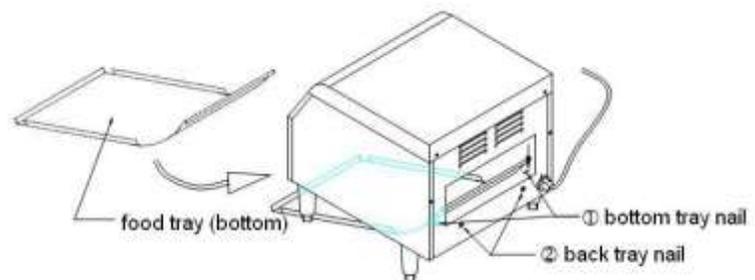
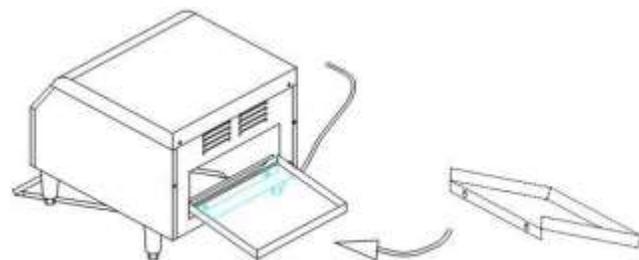


Fig. 1



Installation Drawing: Food Tray (bottom)

Fig. 2



Installation Drawing: Food Tray (back)

Fig. 3

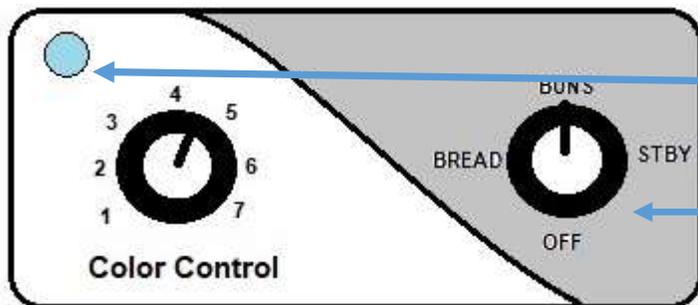
## IMPORTANT SAFEGUARDS AND SAFETY INSTRUCTIONS

 When using commercial cooking equipment, basic safety precautions should always be followed, including the following:

- The Conveyor Toaster outside surfaces will become HOT after use.  Use caution when touching the unit.
- Never directly touch the cooking surface while the Conveyor Toaster is on.
- Always turn off and unplug the unit when not in use, servicing or adjusting any parts or attachments, and before cleaning. 
- Never leave the conveyor toaster to operate overnight unattended.
- Do not operate any equipment with damaged, kinked, or nicked power cord insulation exposing bare wires. Turn off the power supply immediately and call your electrician. The external wiring is not part of the oven. If the oven has been dropped or damaged in any manner call for service. 
- The use of attachments not recommended or sold by the manufacture may cause fire, injury or even death.
- DO NOT USE OUTDOORS.
- Do not use this equipment for any use other than the use intended by the manufacturer.
- Never use the conveyor toaster as a heating source.
- The conveyor toaster does not contain **any** user-serviceable parts. A dealer or recommended qualified service technicians should carry out repairs. Do not remove any components or service panels on this product.
- Never bypass, alter, modify, or attach any unauthorized parts to this equipment. Doing so may create a hazard and will void the warranty.
- We take every consideration in the manufacturing process to ensure that all products are safe. Steel cutting procedures used to manufacture these items result in sharp edges. These sharp edges are removed to the best of our ability; however, we insist the operator take care when in contact with this piece of equipment.
- Always keep hands, hair, and clothing away from heating source.

## OPERATING INSTRUCTIONS

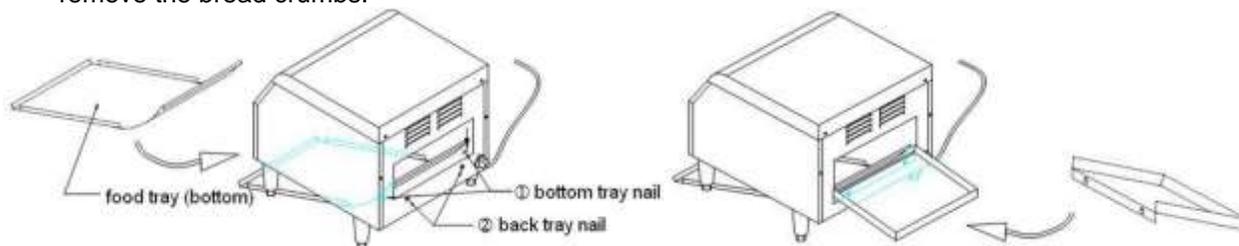
A conveyor toaster is a different type of toast that offers a quick production of toast.



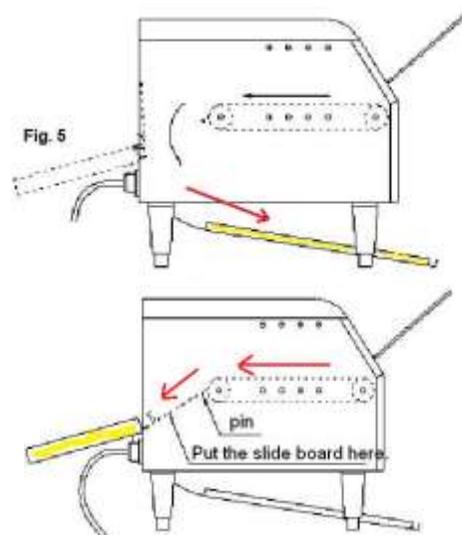
See the controls in the following set of explanations:

- Power On, the green indicator illuminates.
- Rotate the Color Control for the desired darkness of toasting.
- Rotate the Selection Selector to select the product type, BREAD, BUNS, Standby (STBY) or OFF.
- Load the product onto the conveyor along with the lead-in rack.

The cooked product will be collected by the food tray at the bottom or at the back, then slide out (as shown in drawing below). When the work is done, unplug and cool the appliance down. Then pull out the crumb tray to remove the bread crumbs.



1. Before using the toaster, check that the power installation is correct. Making sure that the supply voltage complies with the working voltage of the appliance and the proper 20 Amp outlet shown to the right.  
**DO NOT CHANGE THE PLUG TYPE, THIS WILL VOID WARRANTY**
2. Power on, the indicator illuminates. Rotate the speed regulator (COLOR CONTROL) to "3" position. (Note: The lighter the color is, the faster the conveyor speed is.) Rotate the level governor to "BREAD" position, at this time, top and bottom heating elements start working simultaneously, the chamber temperature rises gradually. If the chamber is unloaded with bread, it can be up to 534°F (284°C), at midpoint in 12min. Then, it will keep constant at 534°F (284°C).
3. Before toasting, please energize the appliance and preheat for about 10-12min. Then, try toasting with two slices of bread to see the color degree so as to adjust the conveyor speed. To toast bread with darker color, turn the knob clockwise from the color circle with darker color to position whose scale is larger than "3". (Note: The darker the color of color circle and the larger the scale value is, the slower the conveyor moving speed and the deeper the bread color is, and vice versa.) After the conveyor speed is adjusted, put the bread onto the conveyor via lead-in rack, the bread will be passed into the toaster to toast with the movement of conveyor.
4. The toasted bread will be delivered to the food tray at bottom and slide out to the front from the chamber bottom, as shown in Fig. 5.
5. To collect the bread at back, the appliance is equipped with a food tray at back. Press down the back slide board with lugs at rear of the toaster body to make the front end of the slide board have contact with the pin near the chain wheel. The toasted bread will slide to the back food tray along with the slide board, as shown in Fig. 6. When the work is done, hold the lugs to pull up the slide board to reset.
6. To bake buns, rotate the level governor to "BUNS" position, at this time, only top heating element works. If warming is needed, rotate the knob to "STBY" position.
7. When the work is done, turn the level governor to "OFF" position and unplug.
8. To avoid appliance contamination and performance damage, do not use this appliance to toast food whose surface has too much sugar or sticky food that will flow out after heating.



9. If the power cord is damaged, substitute with dedicated or specialized component bought from the manufacturer or its maintenance department. Substitution should be done by professional personnel.

### Working Instructions & Operational Flow

- When the work is done, turn the level governor to “OFF” position and unplug.
- To avoid appliance contamination and performance damage, do not use this appliance to bake food whose surface has too much sugar or sticky food that will flow out after heating.
- If the power cord is damaged, substitute with dedicated or specialized component bought from the manufacturer or its maintenance department. Substitution should be done by professional personnel.

### Routine Inspection

- Stop using if the user feels that there are some problems in the conveyor line or in the toaster.
- Check the toaster before using it every day.
- Check whether the machine is tilted or not level before using.
- Check to see if the control panel is damaged.
- Check to see if there is a strange odor or smell during use.
- Check to see if there is a vibration or vibration noise.

### Cleaning & Maintenance

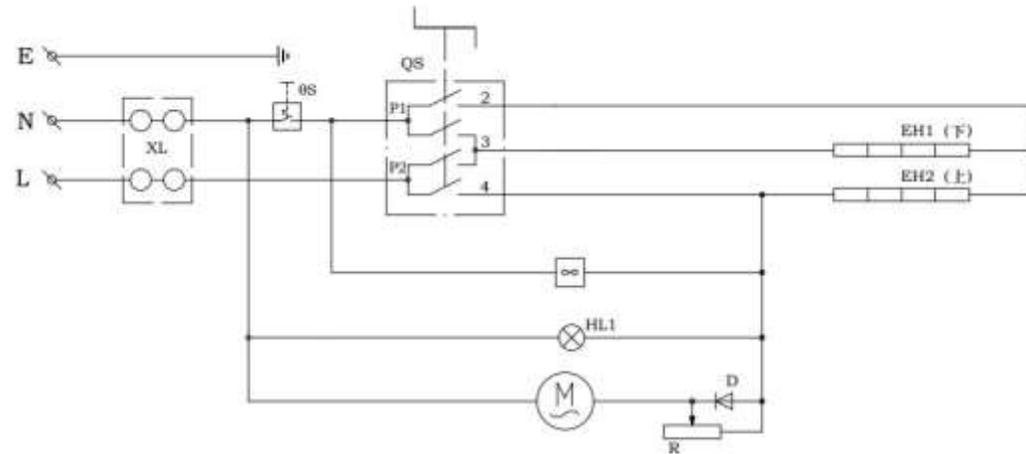
- Before cleaning, cut off the power supply first to prevent unexpected accidents.
- After working every day, pull out the crumb tray to clean. The body surfaces and power cord shall be cleaned with soft towel containing non-corrosive detergent. Do not aim at the appliance with water jet directly. Water infiltration may damage electric performance and cause safety accident.
- If not going to use the appliance at any time, turn off the thermostat and power switch.
- If not going to use the appliance for a long period of time, clean it completely and store it in a well-ventilated warehouse without any corrosive gases.

### Trouble Shooting

Symptoms	Causes	Solutions
Power is connected and the heating indicator is on, but it does not heat.	<ol style="list-style-type: none"> <li>1. The high limit has tripped. Allow it to cool, it will reset automatically.</li> <li>2. One or both elements have burned out.</li> </ol>	<ol style="list-style-type: none"> <li>1. Replace the high limit if it does not reset.</li> <li>2. Replace burned out element(s).</li> </ol>
Connect the power and rotate the Heat Selector, the heating indicator is on, but the temperature keeps rising without control.	<ol style="list-style-type: none"> <li>1. The heat selector is malfunctioning.</li> </ol>	<ol style="list-style-type: none"> <li>1. Replace the heat selector.</li> </ol>
Power is connected and the heating is normal, but the indicator is not on.	<ol style="list-style-type: none"> <li>1. The indicator is faulty</li> </ol>	<ol style="list-style-type: none"> <li>1. Replace the indicator</li> </ol>
The indicator is not on, and the toaster does not heat up.	<ol style="list-style-type: none"> <li>1. The power supply is abnormal or disconnected.</li> <li>2. The fuse or breaker has tripped</li> </ol>	<ol style="list-style-type: none"> <li>1. Check the power supply and its connection to make it supply normally.</li> <li>2. Replace fuse or reset circuit breaker.</li> </ol>

The troubles noted are just for reference only. If any failure occurs, please stop using the toaster and inform professional service to check and repair.

### TOASTER WIRING DIAGRAM



- |                             |              |                               |
|-----------------------------|--------------|-------------------------------|
| HL1----- power indicator    | ∞----- fan   | EH1, EH2----- heating element |
| R----- speed regulator      | M----- motor | QS----- level governor        |
| GS----- temperature limiter |              |                               |

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# **ECT300**



A product with the ENTREE name incorporates the best in durability and low maintenance. We all recognize, however, that replacement parts and occasional professional service may be necessary to extend the useful life of this unit. When service is needed, contact an ENTREE Authorized Service Agency, or your dealer. To avoid confusion, always refer to the Model Number, Serial Number, and the Gas Type of your unit.

Conforms to UL STD.197  
Certified TO CSA STD. C22.2 NO.109  
CONFORMS TO NSF/ANSI STD.4



