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(see page 2)



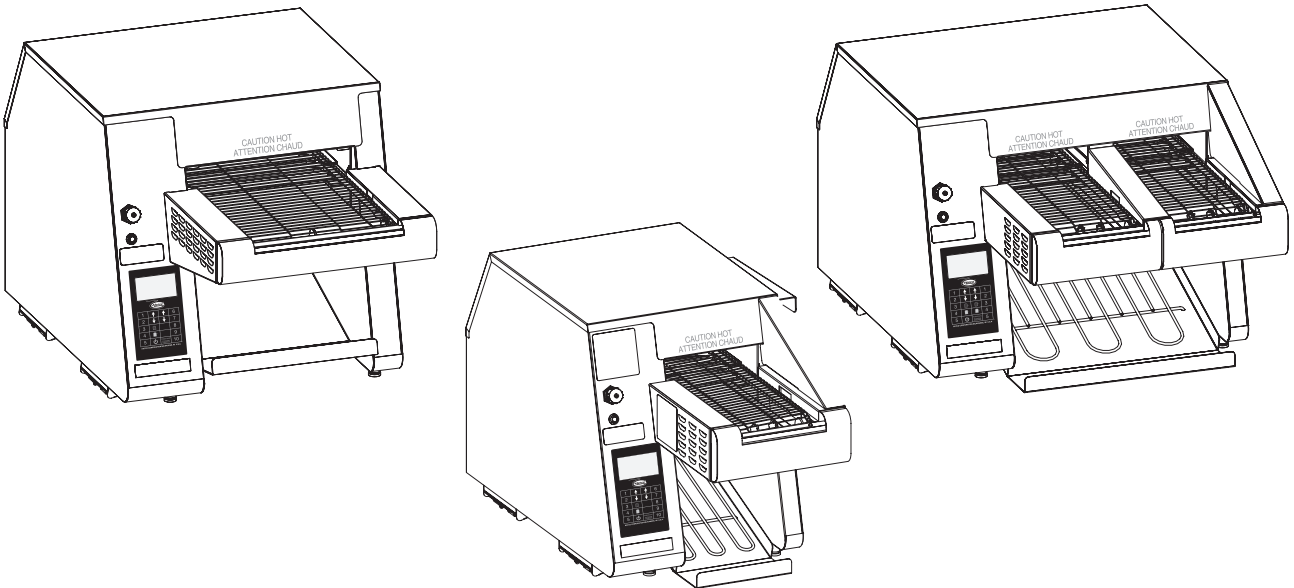
Spot•ON[®]
Technology

Intelligent Toast-Qwik[®]

Conveyor Toaster

ITQ Series

Installation and Operating Manual



⚠ WARNING

Do not operate this equipment unless you have read and understood the contents of this manual! Failure to follow the instructions contained in this manual may result in serious injury or death. This manual contains important safety information concerning the maintenance, use, and operation of this product. If you're unable to understand the contents of this manual, please bring it to the attention of your supervisor. Keep this manual in a safe location for future reference.

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IMPORTANT OWNER INFORMATION

Record the model number, serial number, voltage, and purchase date of the unit in the spaces below (specification label located on the back of the unit). Please have this information available when calling Hatco® for service assistance.

Model No. _____

Serial No. _____

Voltage _____

Date of Purchase _____

Register your unit!

• Completing online warranty registration will prevent delay
• in obtaining warranty coverage. Access the Hatco website
• at www.hatcocorp.com, select the Support pull-down menu,
• and click on "Warranty".

Business

Hours: 7:00 AM to 5:00 PM Monday–Friday,
Central Time (CT)
(Summer Hours — June to September:
7:00 AM to 5:00 PM Monday–Thursday
7:00 AM to 4:00 PM Friday)

Telephone: 414-671-6350

E-mail: support@hatcocorp.com



24 Hour 7 Day Parts and Service
Assistance available in the United States
and Canada by calling 414-671-6350.

Additional information can be found by visiting our web site at
www.hatcocorp.com

INTRODUCTION

Hatco Intelligent Toast-Qwik® Conveyor Toasters with Spot-On® technology are specially-designed to automate, accelerate, and enhance the toasting operation. Spot-On technology senses when product is placed on the conveyor and activates the unit. Product then passes through a heating chamber for rapid and thorough toasting. Pre-programmed conveyor speed and chamber temperature produce the desired toasting color for the product being toasted.

Hatco toasters are built with quality to meet the demands of foodservice operations and provide years of trouble-free performance. The metal-sheathed, tubular heating elements are guaranteed against breakage and burnout for two years.

Hatco Intelligent Toast-Qwik Conveyor Toasters are products of extensive research and field testing. The materials used were selected for maximum durability, attractive appearance, and optimum performance. Every unit is inspected and tested thoroughly prior to shipment.

This manual provides installation, safety, and operating instructions for Intelligent Toast-Qwik Conveyor Toasters. Hatco recommends all installation, operating, and safety instructions appearing in this manual be read prior to installation or operation of a unit.

Safety information that appears in this manual is identified by the following signal word panels:



WARNING indicates a hazardous situation which, if not avoided, could result in death or serious injury.



CAUTION indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.



NOTICE is used to address practices not related to personal injury.



Read the following important safety information before using this equipment to avoid serious injury or death and to avoid damage to equipment or property.

WARNING

ELECTRIC SHOCK HAZARD:

- Plug unit into a properly grounded electrical receptacle of the correct voltage, size, and plug configuration. If plug and receptacle do not match, contact a qualified electrician to determine and install proper voltage and size electrical receptacle.
- Put unit in standby, allow to cool, turn OFF power switch, and unplug power cord before performing cleaning, adjustments, maintenance, or attempting to clear a jam.
- Unit is not weatherproof. Locate unit indoors where ambient air temperature is a minimum of 70°F (21°C) and a maximum of 100°F (38°C).
- DO NOT submerge or saturate with water. Unit is not waterproof. Do not operate if unit has been submerged or saturated with water.
- Do not steam clean or use excessive water on unit.
- This unit is not “jet-proof” construction. Do not use jet-clean spray to clean this unit.
- Do not clean unit when it is energized or hot.
- Do not allow liquids to spill into unit.
- Do not pull unit by power cord.
- Discontinue use if power cord is frayed or worn.
- Do not attempt to repair or replace a damaged power cord. Cord must be replaced by Hatco, an Authorized Hatco Service Agent, or a person with similar qualifications.
- Never insert a knife, fork, or similar object into toasting chamber.
- This unit must be serviced by qualified personnel only. Service by unqualified personnel may lead to electric shock or burn.
- Use only Genuine Hatco Replacement Parts when service is required. Failure to use Genuine Hatco Replacement Parts will void all warranties and may subject operators of the equipment to hazardous electrical voltage, resulting in electrical shock or burn. Genuine Hatco Replacement Parts are specified to operate safely in the environments in which they are used. Some aftermarket or generic replacement parts do not have the characteristics that will allow them to operate safely in Hatco equipment.

EXPLOSION HAZARD: Do not store or use gasoline or other flammable vapors or liquids in the vicinity of this or any other appliance.

Make sure all operators have been instructed on the safe and proper use of the unit.

This unit is not intended for use by children or persons with reduced physical, sensory, or mental capabilities. Ensure proper supervision of children and keep them away from the unit.

If toaster overheats or cooling fans inside unit stop working, the safety high-limit switch will shut off toaster. Contact Authorized Service Agent or Hatco for assistance.

WARNING

FIRE HAZARD:

- Allow a minimum clearance of 1” (25 mm) along the sides and rear of unit. Allow a minimum clearance of 12” (305 mm) in the front, measured from chamber opening on toaster body. If safe distances are not maintained, discoloration or combustion could occur.
- Do not locate toaster under shelving or closer than 12” (305 mm) from the ceiling.
- Do not place anything on top of toaster. Do not place toaster near or underneath curtains or other combustible materials. Items near or on top of toaster could catch fire causing injury and/or damage to the toaster.
- In case of fire, disconnect toaster from power source immediately. This allows unit to cool, making it easier and safer to put out fire.

This unit has no “user-serviceable” parts. If service is required on this unit, contact an Authorized Hatco Service Agent or contact the Hatco Service Department at 414-671-6350.

CAUTION

BURN HAZARD:

- Some exterior surfaces on unit will get hot. Use caution when touching these areas.
- Do not remove crumb trays, toast chute, or toast chute slide for cleaning until toaster is cool.

Locate unit at proper counter height in an area that is convenient for use. Location should be level and strong enough to support weight of unit and contents.

Always operate toaster with crumb tray(s) and toast chute installed.

If Warning light comes on, unit is malfunctioning due to fan failure. Turn off unit, disconnect from power supply, and have unit serviced by a qualified technician.

NOTICE

Do not locate unit in an area subject to temperatures above 100°F (38°C) or grease from grills, fryers, etc. Excessive temperatures and grease could cause damage to unit.

Do not locate unit in area with excessive air movement around unit. Avoid areas that may be subject to active air movements or currents (i.e., near exhaust fans/hoods, air conditioning ducts, and exterior doors).

Do not locate toaster in an area that restricts air flow around front or rear of unit.

Do not block air flow to cooling fans. Operating issues and/or damage to unit may occur.

Do not turn off unit while cooling fans are running. Damage to unit may occur. Put unit in standby and allow to cool for 20 minutes before turning off.

Use non-abrasive cleaners and cloths only. Abrasive cleaners and cloths could scratch finish of unit, marring its appearance and making it susceptible to soil accumulation.

NOTICE

This unit is intended for commercial use only—NOT for household use.

NOTICE

Clean unit daily to avoid malfunctions and maintain sanitary operation.

MODEL DESCRIPTION

All Models

Intelligent Toast-Qwik® Conveyor Toasters are fast, reliable, and extremely versatile. Individually-controlled top and bottom heating elements, multi-speed two-directional conveyor belts, and optical product sensors provide the ability to produce a wide variety of menu items. Intelligent Toast-Qwik Conveyor Toasters include a programmable touchpad control with display, a USB port, a removable toast chute, a removable crumb tray(s), removable fan filters, 1" (25 mm) adjustable legs, and a factory attached 6' (1829 mm) power cord and plug.

Power Save Mode

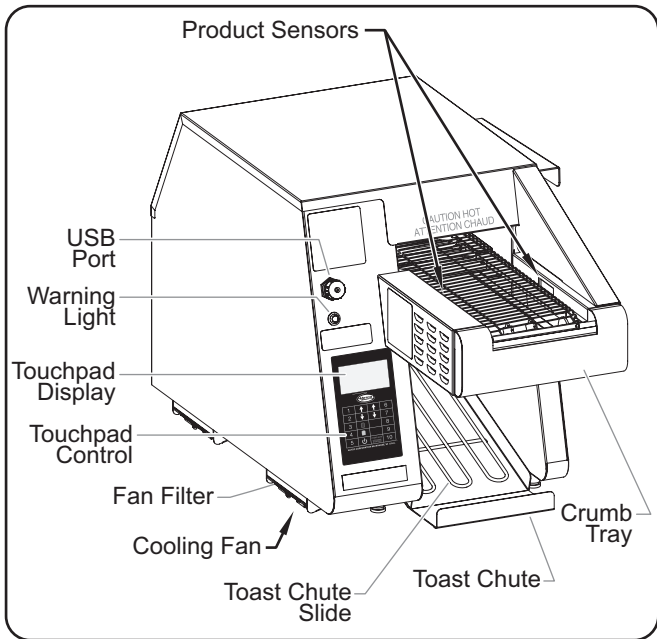
Intelligent Toast-Qwik Conveyor Toasters feature an energy-saving Power Save mode that reduces heat levels to a specified percentage of full power. The toaster enters Power Save mode automatically after a specified period of inactivity or when the POWER SAVE key on the touchpad control is touched. Full power can be restored within 1–2 minutes by placing food product between the product sensors on the conveyor belt or by touching any of the program keys (keys 1–5).

ColorGuard System

Intelligent Toast-Qwik Conveyor Toasters use a patented ColorGuard Sensing System. This system monitors and automatically adjusts conveyor speed and chamber temperature during high usage periods to ensure toast color uniformity.

Model ITQ-875-1C

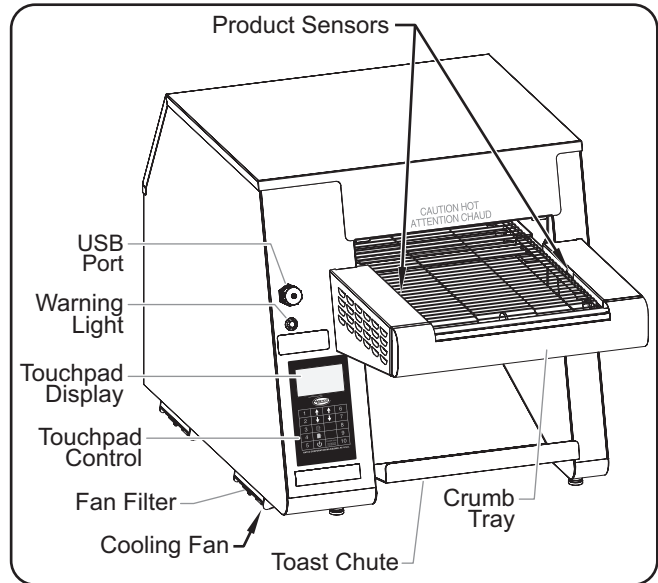
Model ITQ-8750-1C is a narrow, single conveyor toaster capable of toasting bread products up to 2-1/8" (54 mm) thick. The conveyor width is 5-5/8" (143 mm).



Model ITQ-875-1C

Model ITQ-1000-1C

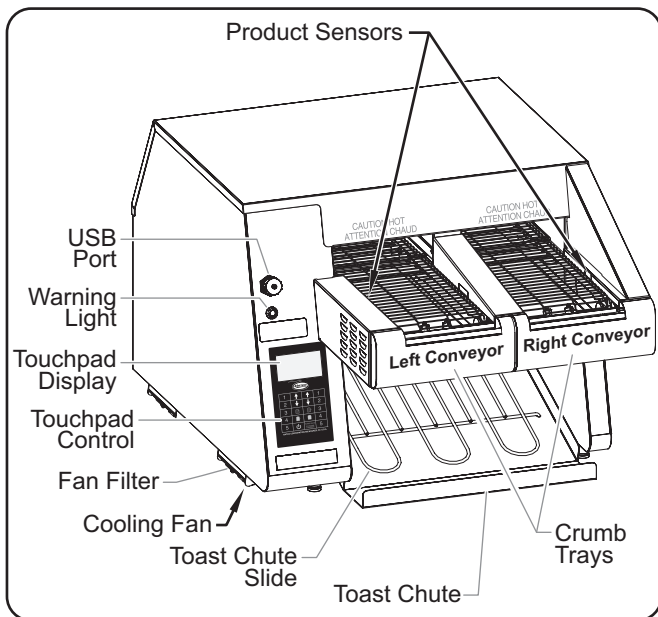
Model ITQ-1000-1C is a single conveyor toaster capable of toasting bread products up to 1-3/4" (44 mm) thick. The conveyor width is 9-7/16" (240 mm).



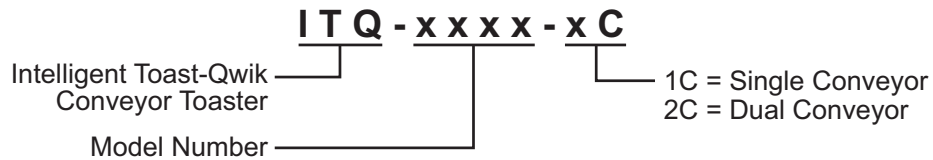
Model ITQ-1000-1C

Model ITQ-1750-2C

Model ITQ-1750-2C is a dual conveyor toaster capable of toasting bread products up to 2-1/8" (54 mm) thick. Each conveyor on this model has a width of 5-5/8" (143 mm) and can be operated independently.



Model ITQ-1750-2C



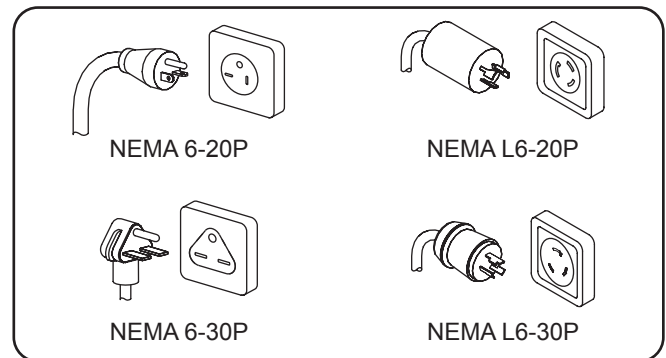
SPECIFICATIONS

Plug Configurations

Units are supplied from the factory with an electrical cord and plug installed. Plugs are supplied according to the application.



ELECTRIC SHOCK HAZARD: Plug unit into a properly grounded electrical receptacle of the correct voltage, size, and plug configuration. If plug and receptacle do not match, contact a qualified electrician to determine and install the proper voltage and size electrical receptacle.



Plug Configurations

NOTE: Receptacle not supplied by Hatco®.

Electrical Rating Chart

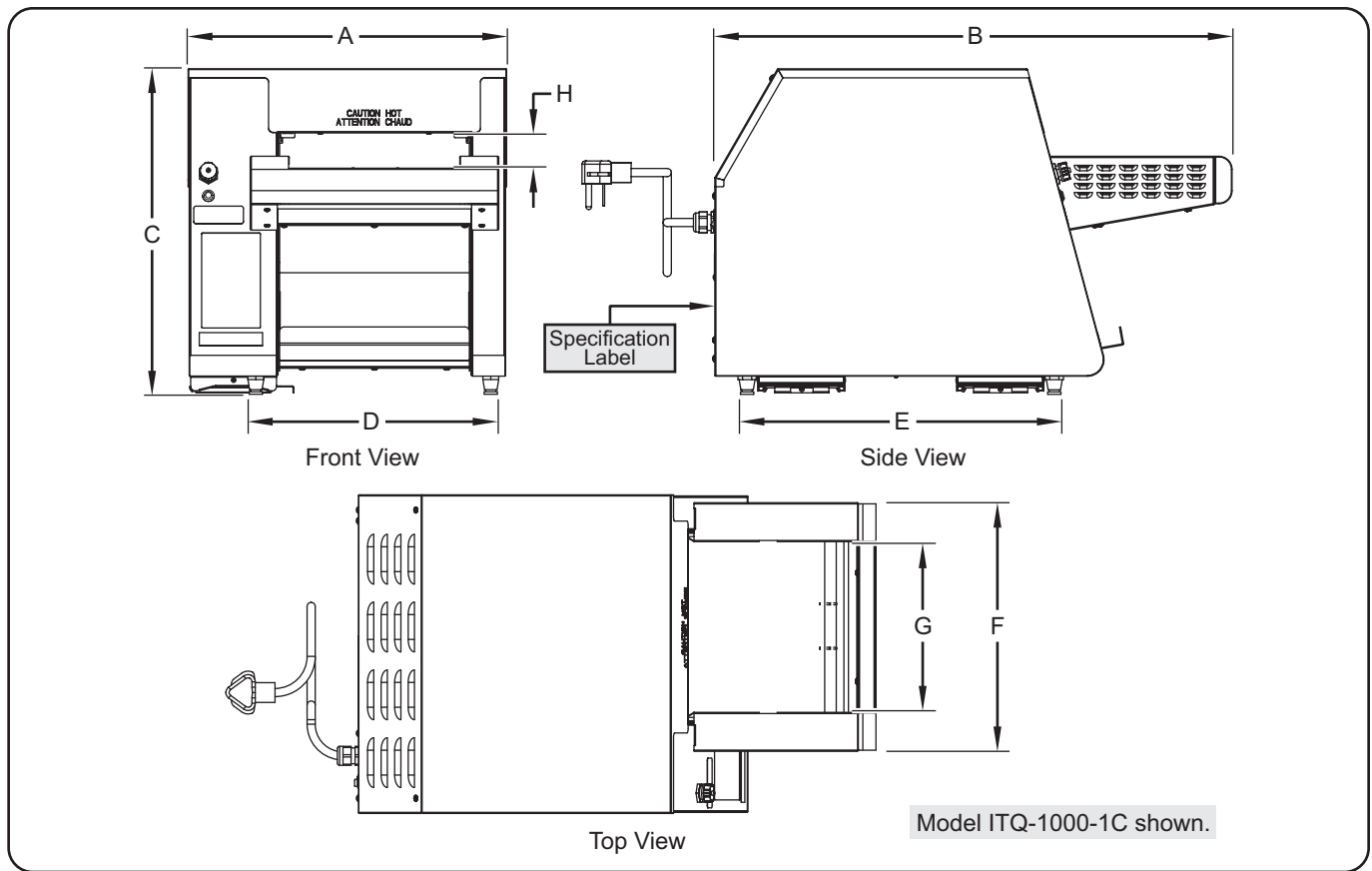
Model	Voltage	Hertz	Watts	Amps	Plug Configuration	Shipping Weight*
ITQ-875-1C	208 V	60 Hz	2700 W	13.0 A	NEMA 6-20P, NEMA L6-20P	59 lbs. (27 kg)
	240 V			11.3 A		
ITQ-1000-1C	208–240 V †	60 Hz	3230–4300 W	15.5–17.9 A	NEMA 6-30P, NEMA L6-30P	89 lbs. (40 kg)
ITQ-1750-2C	208 V	60 Hz	4960 W	23.8 A	NEMA 6-30P, NEMA L6-30P	106 lbs. (48 kg)
	240 V			20.7 A		

* Shipping weight includes packaging.

† Unit is designed to operate on supply voltages between 208 V and 240 V.

Dimensions

Model	Width (A)	Depth (B)	Height (C)	Footprint Width (D)	Footprint Depth (E)	Platform Width (F)	Conveyor Width (G)	Opening Height (H)
ITQ-875-1C	14-5/8" (370 mm)	28-11/16" (728 mm)	16-9/16" (420 mm)	9-1/4" (235 mm)	17-3/4" (450 mm)	9-1/4" (235 mm)	5-5/8" (143 mm)	2-3/16" (56 mm)
ITQ-1000-1C	17-5/8" (448 mm)	28-5/8" (727 mm)	18" (457 mm)	13-3/4" (349 mm)	17-3/4" (450 mm)	13-3/4" (349 mm)	9-7/16" (240 mm)	2" (51 mm)
ITQ-1750-2C	20" (508 mm)	28-11/16" (728 mm)	16-9/16" (420 mm)	16-1/4" (412 mm)	17-3/4" (450 mm)	16-1/8" (410 mm)	5-5/8" (143 mm)	2-3/16" (56 mm)



General

The Hatco® Intelligent Toast-Qwik® Conveyor Toaster is shipped with all components pre-assembled. Care should be taken when unpacking the shipping carton to avoid damage to the unit and the components enclosed.

⚠ WARNING

ELECTRIC SHOCK HAZARD: Unit is not weatherproof. Locate unit indoors where ambient air temperature is a minimum of 70°F (21°C) and a maximum of 100°F (38°C).

EXPLOSION HAZARD: Do not store or use gasoline or other flammable vapors or liquids in the vicinity of this or any other appliance.

FIRE HAZARD:

- Allow a minimum clearance of 1" (25 mm) along the sides and rear of unit. Allow a minimum clearance of 12" (305 mm) in the front, measured from chamber opening on toaster body. If safe distances are not maintained, discoloration or combustion could occur.
- Do not locate toaster under shelving or closer than 12" (305 mm) from the ceiling.
- Do not place anything on top of toaster. Do not place toaster near or underneath curtains or other combustible materials. Items near or on top of toaster could catch fire causing injury and/or damage to the toaster.

1. Remove the unit from the carton.

NOTE: To prevent delay in obtaining warranty coverage, complete online warranty registration. See the IMPORTANT OWNER INFORMATION section for details.

2. Remove tape and protective packaging from all surfaces of the unit.

⚠ CAUTION

Locate unit at the proper counter height in an area that is convenient for use. The location should be level to prevent the unit or its contents from falling accidentally and strong enough to support the weight of the unit and contents.

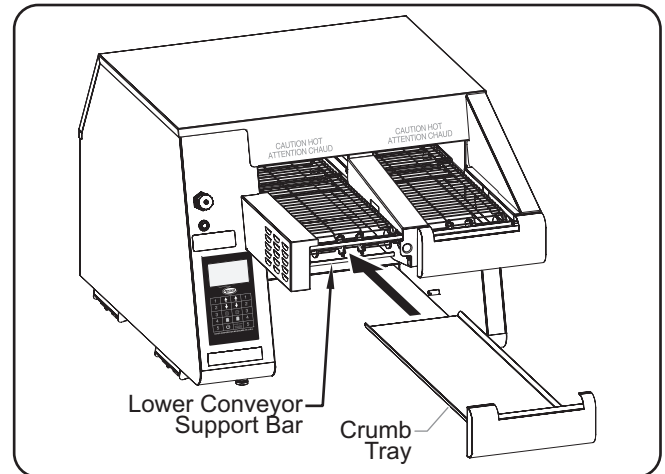
NOTICE

Do not locate unit in an area subject to temperatures above 100°F (38°C) or grease from grills, fryers, etc. Excessive temperatures and grease could cause damage to unit.

Do not block air flow to cooling fans. Operating issues and damage to unit may occur.

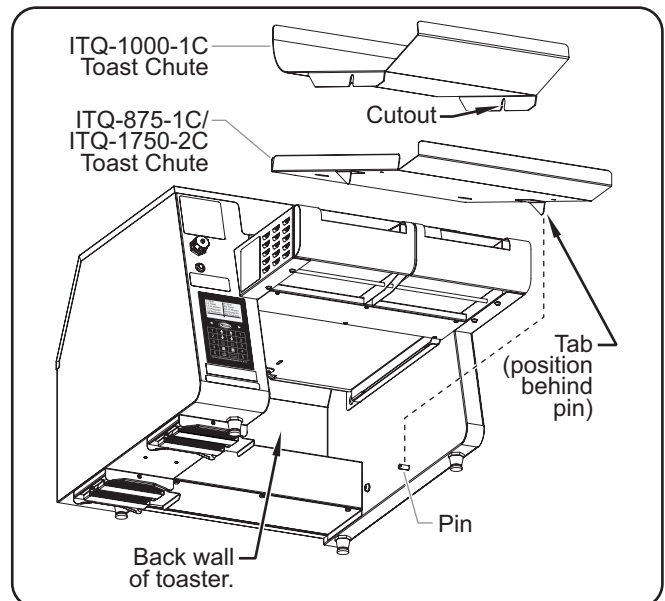
3. Place the unit in the desired location.
 - Make sure the unit is installed where the ambient air temperature will not rise above 100°F (38°C) and where it will not be exposed to excessive moisture or grease-laden air. Avoid areas that may be subject to active air movements or currents (i.e., near exhaust fans/hoods, air conditioning ducts, and exterior doors).
 - Make sure the unit is at the proper counter height in an area convenient for use.
 - Make sure the countertop is level and strong enough to support the weight of the unit and food product.
 - Make sure all the feet on the bottom of the unit are positioned securely on the countertop.

4. Level the unit by turning the leveling feet on each leg, if necessary.
5. Install the crumb tray(s), if necessary.
 - a. Position the crumb tray directly under the conveyor belt and above the lower conveyor support bar at the front of the toaster.
 - b. Slide the crumb tray into the toaster until it stops.



Installing a Crumb Tray (ITQ-1750-2C shown)

6. Install the toast chute, if necessary. There are two styles of toast chutes (see illustration for details).
 - a. Slide the long/angled section of the toast chute into the toaster from the front.
 - b. As the toast chute nears the rear of the toaster, align the cutouts/tabs on each side of the chute with the pins inside the toaster. Make sure the long/angled section of the chute is resting against the back wall of the toaster.



Installing the Toast Chute

7. For ITQ-875-1C and ITQ-1750-2C models, install the toast chute slide onto the toast chute.
8. Plug the unit into a properly grounded electrical receptacle of the correct voltage, size, and plug configuration. See the SPECIFICATIONS section for details.

General

The Intelligent Toast-Qwik® Conveyor Toaster is designed for ease of operation and versatility. Use the following information and procedures to operate the toaster.



Read all safety messages in the IMPORTANT SAFETY INFORMATION section before operating this equipment.



BURN HAZARD:

- Some exterior surfaces on unit will get hot. Use caution when touching these areas.
- Do not remove crumb trays, toast chute, or toast chute slide for cleaning until toaster is cool.

Always operate toaster with crumb tray(s) and toast chute installed.

Touchpad Control

The following are descriptions of the controls used to operate the Intelligent Toast-Qwik Conveyor Toaster. All controls are located on the touchpad control at the front of the unit.

Program Keys (Keys 1–5)

Each program key stores the toast settings for a custom menu item. Touching one of the program keys starts the corresponding menu item toast sequence. On dual conveyor toasters, the program keys on the left side of the touchpad are for the left conveyor, and the program keys on the right side of the touchpad are for the right conveyor.

NOTE: On single conveyor toasters, only keys 1–5 are used for custom menu items. Keys 6–10 are used for programming functions.



Standby Key

The Standby (power button) key toggles the toaster between operation and standby. In standby, the conveyor and elements are off and the touchpad display is dark, but the toaster remains energized.

- From standby, touch and hold the power button key for three seconds to activate the toaster. The toaster will be ready for operation in approximately five minutes.
- From operation, touch and hold the power button key for three seconds to shut down operation and put the toaster into standby.



POWER SAVE Key

The POWER SAVE key puts the toaster into Power Save mode. In Power Save mode, the toaster remains activated but the heat level drops to a reduced percentage of the current heat settings. When restarting from Power Save mode, the unit will be ready to toast in approximately two minutes or less.



Darker Key

The Darker (hatched square) key allows a single item to be toasted to a darker shade than the current menu item setting.

To use the Darker key:

- Place the item on the conveyor, and touch the desired program key.
- Touch the Darker key. This key may be touched up to five times to produce a shade five times darker than the current menu setting.



Lighter Key

The Lighter (hatched square) key allows a single item to be toasted to a lighter shade than the current menu item setting.

To use the Lighter key:

- Place the item on the conveyor, and touch the desired program key.
- Touch the Lighter key. This key may be touched up to five times to produce a shade five times lighter than the current menu setting.

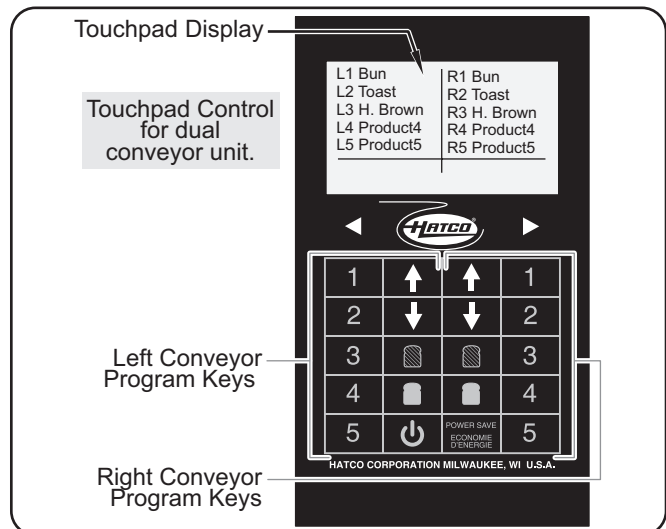


Up/Down Arrow Keys

The Up/Down Arrow (up/down arrows) keys scroll through additional menu items, if available. The display will show each menu item next to its corresponding program key (1–5).

Touchpad Display

The touchpad display shows the current status of the toaster as well as operational information related to the program keys, chamber temperature, error messages, etc...

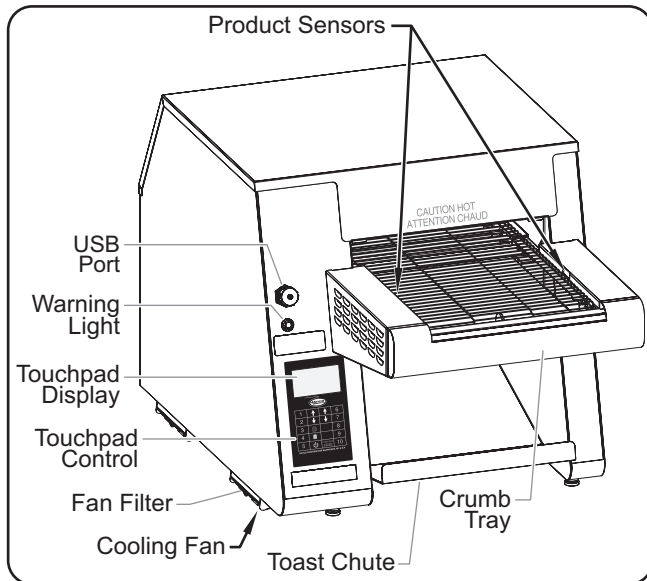
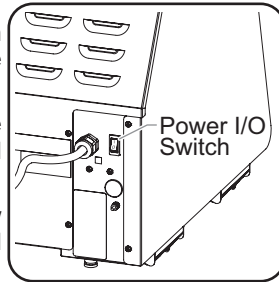


Touchpad Control and Display (ITQ-1750-2C)


Operating the Toaster

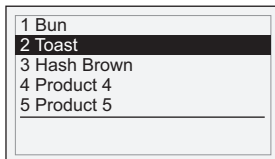
Startup

1. Make sure the toaster is plugged into a properly grounded electrical outlet of the correct voltage, size and plug configuration. See the SPECIFICATIONS section for details.
2. Move the power I/O switch located on the back of the toaster to the "I" (on) position.
 - Graphics and software version information will appear on the display.
3. Wait 10 seconds to allow the toaster to run internal diagnostics.





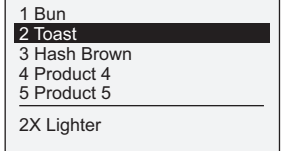
Model ITQ-1000-1C

4. Touch and hold the  key on the touchpad control for three seconds to activate the toaster.
 - "Preheating" will show on the touchpad display, and the heating elements inside the toaster will energize.
 - The preheating cycle lasts approximately 10 minutes. When the preheating cycle is complete, the available menu items will appear on the touchpad display.
5. Touch the appropriate program key (keys 1–5) on the touchpad control for the desired conveyor and menu item.
 - The elements and conveyor belt will adjust settings to the selected menu item.



6. Place food product between the product sensors on the conveyor belt.
 - The product sensors detect the presence of the food product.
 - For menu items that include two-directional or custom conveyor belt movement, the sensors signal the toaster to begin the toasting sequence.

- Change the toasting shade of the food product any time by touching either the  or  keys up to five times.




7. Change the selected menu item at any time by touching the desired program key on the touchpad control.

NOTE: If the Warning light comes on, the unit may be overheating due to fan failure/blockage. Turn off and unplug the unit. Refer to the "Cleaning the Fan Filters" procedure in the MAINTENANCE section of this manual. If the unit does not function properly after cleaning the fan filters, contact an Authorized Service Agent or Hatco® for assistance.


Standby Shutdown

Use standby shutdown to put the toaster in standby during extended periods of non-use.

1. Touch and hold the  key on the touchpad control for three seconds to shut down operation and put the toaster into standby.
 - The heating elements and conveyor(s) will shut down.
 - The cooling fans will run for 20 minutes to cool the unit.

Cooling fans on.
Leave plugged in.

Shutdown

1. Touch and hold the  key on the touchpad control for three seconds to shut down operation and put the toaster into standby.
2. After the cooling fans stop, move the power I/O switch located on the back of the unit to the "O" (off) position to turn off the toaster. **NOTICE: Do not turn off unit while cooling fans are running. Damage to unit may occur.**

Power Save Mode

All ITQ series toasters have a built-in Power Save mode. This feature significantly reduces heat levels and energy consumption when the toaster has not been used for a specified period of time or when activated by the operator.

To start Power Save mode manually during operation:

1. Touch the  key.
 - The conveyor belt will speed up temporarily to clear product from toaster.
 - "Power Save" will show on the touchpad display.

Power Save
Caution Hot

To exit Power Save mode:

1. Touch any of the program keys (keys 1–5) or place food product between the product sensors on the conveyor belt. The unit will be ready to toast in approximately two minutes or less (a countdown will appear on the touchpad display).

Programming Menu Items

Intelligent Toast-Qwik® Conveyor Toasters offer several programmable parameters to create toasting sequences for custom menu items. Use the following information and procedure to program menu items.

Programmable Parameters

Top Heat Heat output level from top elements. Setting range is 1–100. 1 = lowest heat/lightest toast. 100 = highest heat/darkest toast.

Bot Heat Heat output level from bottom elements. Setting range is 1–100. 1 = lowest heat/lightest toast. 100 = highest heat/darkest toast.

Belt Time ... Total time product is in toasting chamber. Increasing belt time will slow down conveyor and create darker toast. Decreasing belt time will speed up conveyor and create lighter toast.

Belt Dir. *Forward*—Conveyor belt moves forward continuously (standard toaster operation).

In and Out—Conveyor belt moves product into toasting chamber, pauses for programmed Belt Time, then reverses and moves product out of the toasting chamber back onto the feed platform.

In and In—Conveyor belt moves product into toasting chamber, pauses for programmed Belt Time, then continues forward and moves product out of the toasting chamber to the discharge toast chute.

Length Length of the product to be toasted (measured parallel to the conveyor).

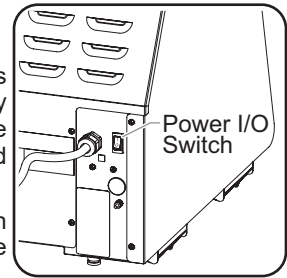
Name Edit product names.

For single conveyor units: While editing product name, use the “1” program key to move cursor left and the “6” program key to move cursor right. Touch the “8” program key to return name to factory default name.


For dual conveyor units: While editing product name, use the left-side “1” program key to move cursor left and the right side “1” program key to move cursor right. Touch the right-side “3” program key to return name to factory default name.

Programming a Parameter

1. Make sure the toaster is plugged into a properly grounded electrical receptacle of the correct voltage, size, and plug configuration.
2. Move the power I/O switch located on the back of the toaster to the “1” (on) position.



- Graphics and software version information will appear on the display.

3. Touch and hold the  key on the touchpad control for three seconds to activate the toaster.



- The preheating cycle lasts approximately 10 minutes. When the preheating cycle is complete, the available menu items will appear on the touchpad display.


4. Touch and hold the desired program key for three seconds.

- A password prompt will appear:



For single conveyor units, touch the “6” program key for the password, and touch the “5” program key to accept.

For dual conveyor units, touch the right-side “1” program key for the password, and touch the left-side “5” program key to accept.

- The Programming menu will appear on the display showing a list of programmable parameters.

5. Use the left-side  keys to scroll through and highlight/select the desired parameter. Refer to “Programmable Parameters” in this section for a description of each available parameter.

6. With the parameter highlighted, use the right-side  keys to change the parameter.

7. Continue to use the left side  keys to scroll through and highlight/select other desired parameters, followed by the right-side  keys to change the setting of the selected parameter.

8. When all desired parameters have been programmed:

- For single conveyor units: Touch the “5” program key to save the changes; Touch the “10” program key to cancel all changes.

- For dual conveyor units: Touch the left-side “5” program key to save the changes; Touch the right-side “5” program key to cancel all changes.

NOTE: After programming a menu item on a dual conveyor toaster, the menu item will be the same program key number with the same parameters for both conveyors.

Using the Systems Menu

The Systems menu consists of a list of toaster configuration and service functions. Most of these functions are for service technician or factory use only.

Systems Menu Functions

Toaster options..... *Standby heat*—Heat output level (percentage) of the elements during Power Save mode.

Standby time—Length of time (minutes) the toaster can be idle before Power Save mode starts automatically.

Staging mode—YES = Toaster performs a single toasting sequence, then stops until a new toasting sequence is started manually. NO = Conveyor moves forward continuously. **Operator use, see procedure.**

Service info Displays all errors codes that have occurred. *Service technician use only.*

Operation statistics..... Displays operational information about toaster such as “on” time, element use, motor use, etc. *Service technician use only.*


LCD options Adjusts screen resolution. *Service technician use only.*

Software Update Updates toaster software/custom menu items in conjunction with a USB flash drive. **Operator use, see procedure.**





Factory calibration ..Used for factory adjustments. *Factory/Service technician use only.*

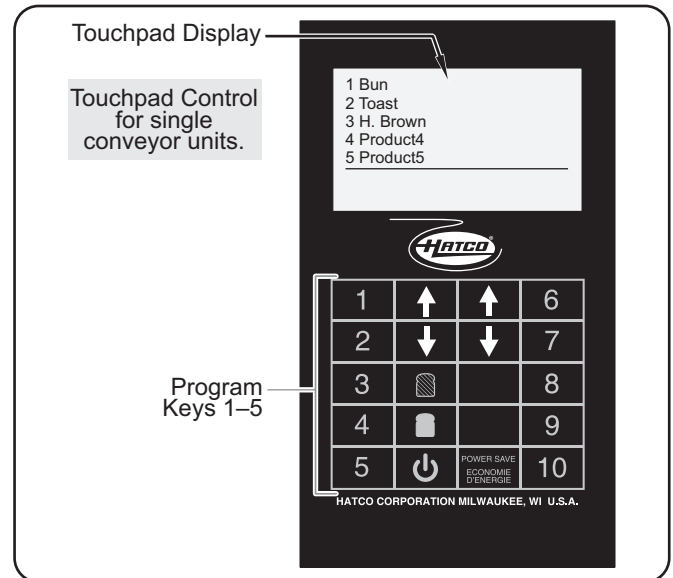
Test mode.....Used for troubleshooting. *Service technician use only.*

Changing Toaster Options

- Perform steps 1–4 of the “Startup” procedure listed previously in this section.
- Touch and hold the POWER SAVE key for three seconds (this can be done during the preheating cycle).
 - The Systems menu will appear on the display.
- Use the left-side  keys to scroll to *Toaster options*, and touch the left-side “5” program key to select.
 - A password prompt will appear:
 - For single conveyor units, touch the “6” program key for the password, and touch the “5” program key to accept.
 - For dual conveyor units, touch the right-side “1” program key for the password, and touch the left-side “5” program key to accept.
 - The toaster options “Standby heat”, “Standby time”, and “Staging mode” will appear on the display.

NOTE: *Dual conveyor units will show toaster options for each conveyor designated by “L” (left) and “R” (right).*

- Use the left-side  keys to scroll through and highlight/select the desired toaster option.
- With the option highlighted, use the right-side  keys to change the parameter.
- Continue to use the left side  keys to scroll through and highlight/select other desired options, followed by the right-side  keys to change the parameter.




Touchpad Control and Display (ITQ-875-1C and ITQ-1000-1C)

7. When all desired options have been updated:

- For single conveyor units: Touch the “5” program key to save the changes; Touch the “10” program key to cancel all changes.
- For dual conveyor units: Touch the left-side “5” program key to save the changes; Touch the right-side “5” program key to cancel all changes.

Updating Software

- Perform steps 1–4 of the “Startup” procedure listed previously in this section.
- Touch and hold the POWER SAVE key for three seconds (this can be done during the preheating cycle).
 - The Systems menu will appear on the display.
- Use the left-side  keys to scroll to *Software Update*, and touch the left-side “5” program key to select.
 - A password prompt will appear:
 - For single conveyor units, touch the “6” program key for the password, and touch the “5” program key to accept.
 - For dual conveyor units, touch the right-side “1” program key for the password, and touch the left-side “5” program key to accept.
- Remove the cover from the USB port located near the touchpad control.
- Insert the designated USB flash drive into the USB port.
- Touch the left-side “5” program key to start the software update.
 - The software update will begin and last approximately 20 seconds. **NOTICE: Do not remove the flash drive or turn off the toaster during a software update.**
 - When the display returns to the main startup screen showing the company logo and software version information, the update is complete. It is now safe to remove the flash drive.
- Replace the cover on the USB port.

General

Hatco® Intelligent Toast-Qwik® Conveyor Toasters are designed for maximum durability and performance with minimum maintenance.

⚠ WARNING

ELECTRIC SHOCK HAZARD:

- Put unit in standby, allow to cool, turn OFF power switch, and unplug power cord before performing cleaning, adjustments, maintenance, or attempting to clear a jam.
- **DO NOT** submerge or saturate with water. Unit is not waterproof. Do not operate if unit has been submerged or saturated with water.
- Do not steam clean or use excessive water on unit.
- This unit is not “jet-proof” construction. Do not use jet-clean spray to clean this unit.
- Do not clean unit when it is energized or hot.
- Do not allow liquids to spill into unit.
- This unit must be serviced by qualified personnel only. Service by unqualified personnel may lead to electric shock or burn.
- Use only Genuine Hatco Replacement Parts when service is required. Failure to use Genuine Hatco Replacement Parts will void all warranties and may subject operators of the equipment to hazardous electrical voltage, resulting in electrical shock or burn. Genuine Hatco Replacement Parts are specified to operate safely in the environments in which they are used. Some aftermarket or generic replacement parts do not have the characteristics that will allow them to operate safely in Hatco equipment.

This unit has no “user-serviceable” parts. If service is required on this unit, contact an Authorized Hatco Service Agent or contact the Hatco Service Department at 414-671-6350.

Daily Cleaning

To preserve the finish of the toaster, it is recommended that the metal surfaces be cleaned daily.

⚠ WARNING

Submerging or saturating unit with water will damage the unit and void unit warranty.

NOTICE

Use non-abrasive cleaners and cloths only. Abrasive cleaners and cloths could scratch finish of unit, marring its appearance and making it susceptible to soil accumulation.

Clean unit daily to avoid malfunctions and maintain sanitary operation.

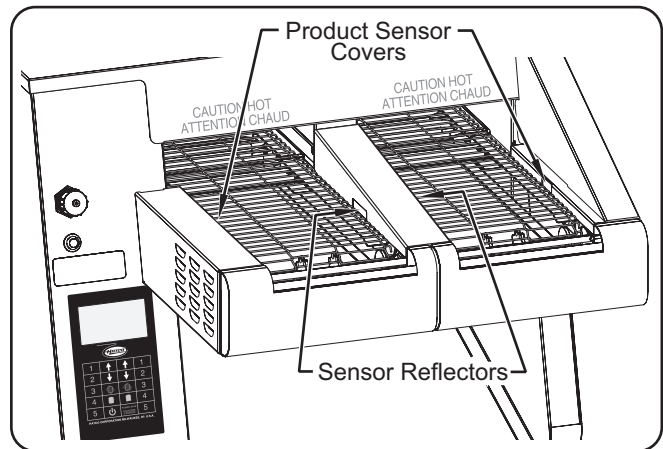
1. Perform the “Daily Shutdown” procedure in the OPERATION section, and unplug the power cord.

⚠ CAUTION

BURN HAZARD: Do not remove crumb trays, toast chute, or toast chute slide for cleaning until toaster is cool.

2. Remove and empty the crumb tray(s), toast chute slide (ITQ-875-1C and ITQ-1750-2C), and the toast chute.
 - a. Wash the crumb tray(s), toast chute slide, and toast chute with warm water and a mild detergent. Rinse with water.
 - b. Allow the crumb tray(s), toast chute slide, and toast chute to air dry.
3. Wipe the exterior surfaces of the toaster with a non-abrasive, damp cloth.
 - Stubborn stains may be removed with a good stainless steel cleaner or a non-abrasive cleaner. Hard to reach areas should be cleaned with a small brush and mild soap.
4. Clean/polish the product sensor covers and sensor reflectors using a mild degreaser and a soft, non-abrasive cloth. **NOTICE: Do not clean sensor covers or reflectors with abrasive pads or cleaners.**

NOTE: Sensor reflectors are present on dual conveyor units only.



Product Sensors and Sensor Reflectors (ITQ-1750-2C shown)

5. Reinstall the crumb tray(s) and toast chute. Refer to the INSTALLATION section for details.
6. For ITQ-875-1C and ITQ-1750-2C models, install the toast chute slide onto the toast chute.

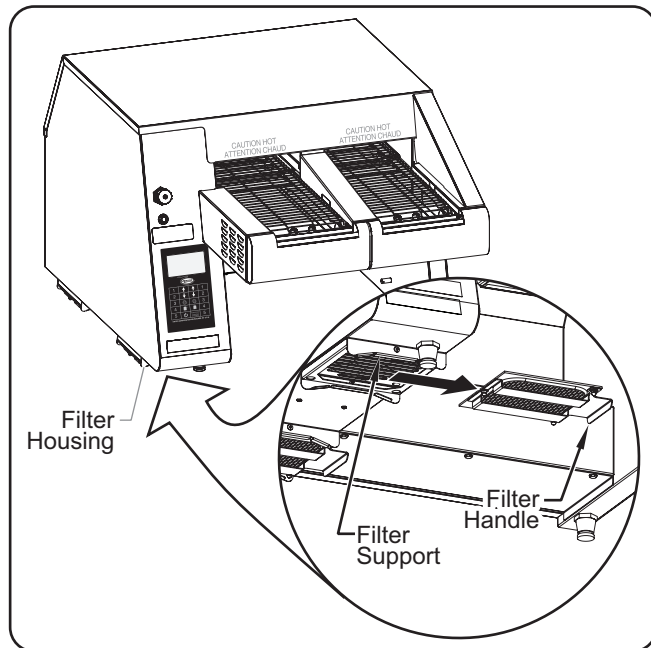
Cleaning the Fan Filters

Two cooling fan filters are located on the bottom of the unit. These filters should be checked/cleaned monthly and anytime "Clean Fan Filters" appears on the touchpad control display. Use the following procedure to clean the filters.

1. Perform the "Shutdown" procedure in the OPERATION section, and unplug the power cord.
2. Remove the toast chute and toast chute slide (ITQ-875-1C and ITQ-1750-2C models).
3. Using the filter handle, slide the filter out of each filter housing toward the inside of the unit.

NOTE: The filter can be slid out of the filter housing toward the inside of the toaster only.

4. Rinse the filters using hot water. Allow the filters to dry completely.
5. Slide the filters back into the filter housings. Make sure each filter slides above the filter supports on each side of the housings.
6. Reinstall the toast chute and toast chute slide (ITQ-875-1C and ITQ-1750-2C models).

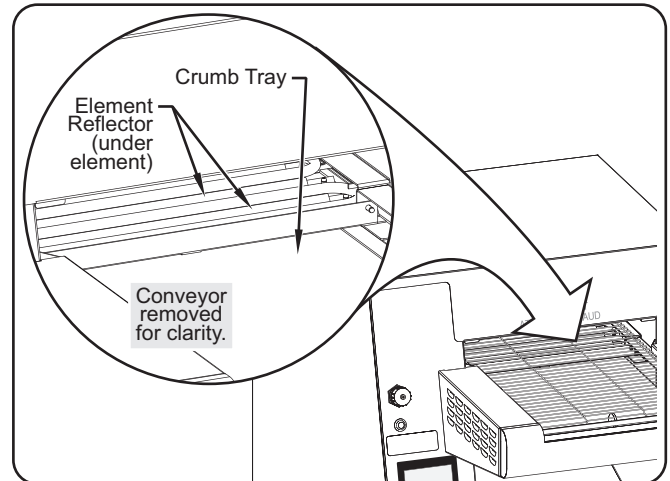


Removing/Installing the Filters

Cleaning the Bottom Element Reflector

The bottom element reflector inside the toasting chamber has slots that allow bread crumbs to drop through to the crumb tray. Over an extended period of use, bread crumbs may build up on the reflector and not drop through onto the tray.

1. Perform the "Shutdown" procedure in the OPERATION section, and unplug the power cord.
2. Wipe the crumbs onto the crumb tray using a bristle brush.
 - To wipe the reflector, place the bristle brush through the conveyor belt and wipe to each side.
3. Perform the "Daily Cleaning" procedure in this section.



Cleaning the Bottom Element Reflector

Cleaning the Touchpad Control

Dirt and grease will build up on the touchpad control over an extended period of use. Use the following procedure to clean the touchpad and maintain performance.

1. Perform the "Shutdown" procedure in the OPERATION section, and unplug the power cord.
2. Spray a mild degreaser onto a soft, damp non-abrasive cloth, and wipe the entire touchpad until clean. Repeat, if necessary.
3. Allow the touchpad to dry completely.
4. Wipe away any hazy residue that remains on the touchpad using a clean, dry non-abrasive cloth.



WARNING

This unit must be serviced by qualified personnel only. Service by unqualified personnel may lead to electric shock or burn.



WARNING

ELECTRIC SHOCK HAZARD: Put unit in standby, allow to cool, turn OFF power switch, and unplug power cord before performing cleaning, adjustments, maintenance, or attempting to clear a jam.

Symptom	Probable Cause	Corrective Action
Toast too light.	Wrong program key/menu item selected on touchpad control.	Select the correct program key/menu item for desired toasting results.
Toast too dark.	Wrong program key/menu item selected on touchpad control.	Select the correct program key/menu item for desired toasting results.
Unit toasts on one side only.	Wrong program key/menu item selected on touchpad control.	Select the correct program key/menu item for desired toasting results.
	Heating element defective.	Visually check the heating element inside the toaster during operation. The heating element should glow red. If the element does not glow, Contact Authorized Service Agent or Hatco for assistance.
Toaster trips the circuit breaker or GFCI.	Circuit breaker is not sized properly for the toaster.	Check circuit breaker for proper sizing.
	Wiring fault inside toaster.	Contact Authorized Service Agent or Hatco® for assistance.
Conveyor doesn't move.	Bread slices or buns jammed in conveyor track.	Shut down unit, wait for unit to cool, unplug power cord, and remove bread product that is jamming the conveyor.

ITQ Error Message Guide

Error Message	Troubleshooting	Corrective Action (if Troubleshooting fails to fix)
Single Conveyor Units: Top Element Is Out * Bottom Element Is Out * Dual Conveyor Units: Top Right Element Is Out * Bottom Right Element Is Out * Top Left Element Is Out * Bottom Left Element Is Out *	Verify all wire connections on relay and element. Check resistance across failing heating element.	Replace heating element.
Fan Is Stopped	Check fan for physical blockage that would prevent fan from turning. Verify voltage to fan and proper wiring to control board.	Replace cooling fan.
Clean Fan Filters	Check for fan filter blockage—make sure unit is on legs and filter area is clear. Perform "Cleaning the Fan Filters" procedure.	Replace fan filters.
Low AC *	Check incoming voltage (should be 208 or 240 VAC). Check transformer connection to board. Verify element wiring.	Replace electronic touchpad control, current sensor, and transformer (Electronic Touchpad Control Kit).
Current Sensor Stuck *	Verify elements are not energized and heating when unit is off. If elements are energized, verify the operation and wiring of the solid state relay.	Replace electronic touchpad control, current sensor, and transformer (Electronic Touchpad Control Kit).
No Current Sensor *	Verify proper wiring. Check current sensor connection to board.	Replace electronic touchpad control, current sensor, and transformer (Electronic Touchpad Control Kit).
Touch Panel Error	Update software—download from Hatco website to USB drive. Follow procedure in OPERATION section of manual.	Replace electronic touchpad control, current sensor, and transformer (Electronic Touchpad Control Kit).
Stuck Key	Check touchpad for grease and dirt buildup. Perform "Cleaning the Touchpad Control" procedure.	Replace electronic touchpad control, current sensor, and transformer (Electronic Touchpad Control Kit).
Clean Right Product Sensor Clean Left Product Sensor Clean Both Product Sensors	Verify sensors and reflectors are clean. Verify proper wiring to control board.	Replace product sensors, sensor covers, and sensor blocks (Product Sensor Kit).

* Troubleshooting and Corrective Action must be performed by an Authorized Service Agency.

Troubleshooting Questions?

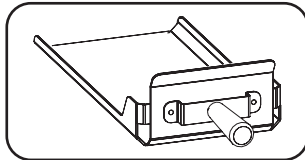
If you continue to have problems resolving an issue, please contact the nearest Authorized Hatco Service Agency or Hatco for assistance. To locate the nearest Service Agency, log onto the Hatco website at www.hatcocorp.com, select the Support pull-down menu, and click on "Find A Service Agent"; or contact the **Hatco Parts and Service Team** at:

Telephone: 414-671-6350

e-mail: support@hatcocorp.com

OPTIONS AND ACCESSORIES**Food Paddle**

A food paddle is available for use when toasting/cooking food product during "In and Out" mode.



ITQ1C-PAD(1) Food Paddle, 9" Wide (229 mm),
ITQ-1000-1C Models

ITQ2C-PAD(1) Food Paddle, 5" Wide (127 mm),
ITQ-875-1C and ITQ-1750-2C Models

WARRANTY, EXCLUSIVE REMEDY:

Hatco® Corporation (Seller) warrants that the products it manufactures (Products) will be free from defects in materials and workmanship under normal use and service and when stored, maintained, and installed in strict accordance with factory recommendations. Seller's sole obligation to the person or entity buying the Products directly from Seller (Customer) under this warranty is the repair or replacement by Seller or a Seller-authorized service agency, at Seller's option, of any Product or any part thereof deemed defective upon Seller's examination, for a period of: (i) the Warranty Duration from the date of shipment by Seller or (ii) the Warranty Duration from the date of Product registration in accordance with Seller's written instructions, whichever is later. The "Warranty Duration" shall mean the specific periods set forth below for specific Product components, or, to the extent not listed below, eighteen (18) months. Credit for Products or parts returned with the prior written permission of Seller will be subject to the terms shown on Seller's material return authorization form. PRODUCTS OR PARTS RETURNED WITHOUT PRIOR WRITTEN PERMISSION OF SELLER WILL NOT BE ACCEPTED FOR CREDIT. Expenses incurred by Customer in returning, replacing, or removing the Products will not be reimbursed by Seller. If the defect comes under the terms of the limited warranty, the Products will be repaired or replaced and returned to the Customer and the cost of return freight will be paid by Seller. The remedy of repair or replacement provided for herein is Customer's exclusive remedy. Any improper use, alteration, repairs, tampering, misapplication, improper installation, application of improper voltage, or any other action or inaction by Customer or others (including the use of any unauthorized service agency) that in Seller's sole judgment adversely affects the Product shall void this warranty. The warranty expressly provided herein may only be asserted by Customer and may not be asserted by Customer's customers or other users of the Products; provided, however, that if Customer is an authorized equipment dealer of Seller, Customer may assign the warranty herein to Customer's customers, subject to all of the limitations of these Terms, and in such case, the warranty shall be exclusively controlled by Seller in accordance with these Terms. THIS LIMITED WARRANTY IS EXCLUSIVE AND IS IN LIEU OF ANY OTHER WARRANTY, EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF NONINFRINGEMENT, MERCHANTABILITY, OR FITNESS FOR A PARTICULAR PURPOSE, WHICH ARE EXPRESSLY DISCLAIMED.

One (1) Year Parts and Labor PLUS One (1) Additional Year Parts-Only Warranty:

- Conveyor Toaster Elements (metal sheathed)
- Drawer Warmer Elements (metal sheathed)
- Drawer Warmer Drawer Rollers and Slides
- Food Warmer Elements (metal sheathed)
- Display Warmer Elements (metal sheathed air heating)
- Holding Cabinet Elements (metal sheathed air heating)
- Heated Well Elements — HW, HWB, and HWBI Series (metal sheathed)

Two (2) Year Parts and Labor Warranty:

- Induction Ranges
- Induction Warmers

One (1) Year Replacement Warranty:

- TPT Pop-Up Toasters

One (1) Year Parts and Labor PLUS Four (4) Years Parts-Only Warranty:

- 3CS and FR Tanks

One (1) Year Parts and Labor PLUS Nine (9) Years Parts-Only Warranty:

- Electric Booster Heater Tanks
- Gas Booster Heater Tanks

Ninety (90) Day Parts-Only Warranty:

- Replacement Parts

Notwithstanding anything herein to the contrary, the limited warranty herein will not cover components in Seller's sole discretion such as, but not limited to, the following: coated incandescent light bulbs, fluorescent lights, heat lamp bulbs, coated halogen light bulbs, halogen heat lamp bulbs, xenon light bulbs, LED light tubes, glass components, and fuses; Product failure in booster tank, fin tube heat exchanger, or other water heating equipment caused by liming, sediment buildup, chemical attack, or freezing.

WARRANTY REGISTRATION INSTRUCTIONS:

Product registration must be submitted within 90 days from the date of shipment from our factory to qualify for additional coverage. Registration may be submitted through the form on Seller's website, through the form accessible through the QR code on the Product (where available), or by calling Customer Service with the required information at: **800-558-0607** or **414-671-6350**.

LIMITATION OF LIABILITY:

SELLER WILL NOT BE LIABLE FOR ANY INDIRECT, INCIDENTAL, CONSEQUENTIAL, PUNITIVE, EXEMPLARY, OR SPECIAL DAMAGES, INCLUDING WITHOUT LIMITATION ANY LOST PROFITS, COSTS OF SUBSTITUTE PRODUCTS, OR LABOR COSTS ARISING FROM THE SALE, USE, OR INSTALLATION OF THE PRODUCTS, FROM THE PRODUCTS BEING INCORPORATED INTO OR BECOMING A COMPONENT OF ANOTHER PRODUCT, OR FROM ANY OTHER CAUSE WHATSOEVER, WHETHER BASED ON WARRANTY (EXPRESSED OR IMPLIED) OR OTHERWISE BASED ON CONTRACT, TORT, OR ANY OTHER THEORY OF LIABILITY, AND REGARDLESS OF ANY ADVICE OR REPRESENTATIONS THAT MAY HAVE BEEN RENDERED BY SELLER CONCERNING THE SALE, USE, OR INSTALLATION OF THE PRODUCTS, EVEN IF SELLER IS AWARE OF THE POSSIBILITY OF SUCH DAMAGES. IN NO EVENT WILL SELLER'S AGGREGATE LIABILITY ARISING OUT OF OR RELATED TO THIS AGREEMENT EXCEED THE TOTAL AMOUNTS PAID TO SELLER BY CUSTOMER FOR THE PRODUCTS WITHIN THE THREE (3) MONTH PERIOD IMMEDIATELY PRECEDING THE EVENT GIVING RISE TO CUSTOMER'S CLAIM. THE LIMITATIONS SET FORTH HEREIN REGARDING SELLER'S LIABILITY SHALL BE VALID AND ENFORCEABLE NOTWITHSTANDING A FAILURE OF ESSENTIAL PURPOSE OF THE LIMITED REMEDY SPECIFIED IN THESE TERMS.

Seller reserves the right to update these Terms at any time, at its sole discretion, which become binding upon the date of publishing. For the most current version of our full Terms of Sale, see our website at: <https://www.hatcocorp.com/terms-of-sale>

