



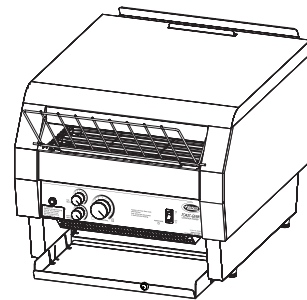
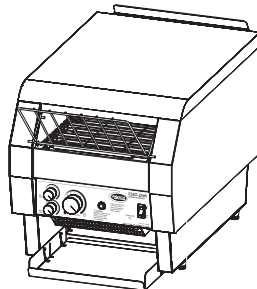
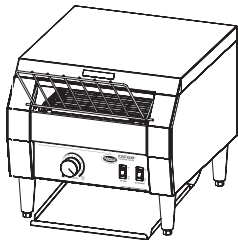
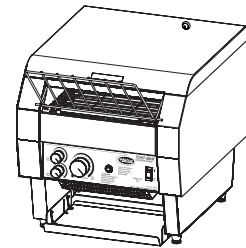
Original
Instructions

Toast Qwik®

TQ-10/TQ-400/TQ-800/TQ-1800 Series

I&W #07.05.144.00
(1 of 2)

Conveyor Toasters
TQ Series
Installation and Operating Manual
For CE and Non-CE Models
P2



⚠ 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 (specification label located on the lower left hand side of the unit), voltage, and purchase date of the unit in the spaces below. 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: +1-414-671-6350

E-mail: support@hatcocorp.com

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



Correct Disposal of this Product

This marking indicates that this product and its electronic components should not be disposed of with other commercial waste. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle responsibly to promote the sustainable reuse of material resources. To dispose of product and its electronic components, contact supplier where product was purchased for environmentally safe recycling.

INTRODUCTION

The Hatco Toast-Qwik® Conveyor Toaster is specially designed to accelerate the toasting operation. Products for toasting pass through a heating chamber for rapid and thorough toasting. Moisture and sugar content, and thickness of bread product effect the ability to achieve the perfect toasted product. Conveyor speed and temperature determines the toasting color.

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 Toast-Qwik Conveyor Toaster is a product 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 the installation, safety and operating instructions for the Toast-Qwik Conveyor Toasters. Hatco recommends all installation, operating, and safety instructions appearing in this manual be read prior to installation or operation of the 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.

NOTE: Refer to the Symbol Identification tables on the back cover of this manual for definitions of symbols that may appear in this manual.



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.
- Turn OFF power switch, unplug power cord/turn off power at circuit breaker, and allow unit to cool before performing any cleaning, adjustments, or maintenance.
- DO NOT submerge or saturate with water. Unit is not waterproof. Do not operate if unit has been submerged or saturated with water.
- Unit is not weatherproof. Locate unit indoors where ambient air temperature is a minimum of 21°C (70°F) and maximum of 29°C (85°F).
- 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.
- 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.
- Never insert a knife, fork, or similar object into toasting chamber.
- Do not pick up the toaster by inserting fingers into the toaster feed opening.
- 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.

WARNING

ELECTRIC SHOCK HAZARD: 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.

FIRE HAZARD:

- Allow a minimum clearance of 25 mm (1”) along the sides and rear of unit. Allow a minimum clearance of 305 mm (12”) in the front. If safe distances are not maintained, discoloration or combustion could occur.
- Do not locate toaster under shelving or closer than 305 mm (12”) 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 the unit to cool, making it easier and safer to put out the fire.

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

If toaster overheats or cooling fan inside unit stops working, the safety high-limit switch shuts off the toaster. Contact Authorized Service Agent or Hatco for assistance.

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 +1-414-671-6350.

WARNING

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.

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

CAUTION

BURN HAZARD:

- Some exterior surfaces on unit will get hot. Use caution when touching these areas.
- Do not remove crumb tray for cleaning until toaster is cool.

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.

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

Always operate toaster with crumb tray installed.

The toasting of coated or buttered products such as garlic bread, cheese sandwiches, and sweet rolls is NOT recommended. Residue will reduce toaster performance and could ignite inside the toaster. Using the toaster with the food products listed above will void the unit warranty.

NOTICE

Do not locate unit in an area subject to excessive temperatures or grease from grills, fryers, etc. Excessive temperatures could cause damage to the unit.

Do not locate toaster in an area that restricts air flow around front or rear of unit. Do not locate toaster in direct discharge path of air conditioning vent or makeup air vent.

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.

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

Clean unit daily to avoid malfunctions and maintain sanitary operation.

All Models

All Toast-Qwik® Conveyor Toasters are fast, reliable and versatile, toasting 300 to 1800 slices of bread product per hour depending on the specific model. The front or rear discharge lets the operator place Toast-Qwik toaster where it is most convenient. Every Toast-Qwik toaster includes a toast collector pan, toast feed ramp, removable crumb tray, and factory attached 1829 mm (6') cord and plug.

Power Save Mode

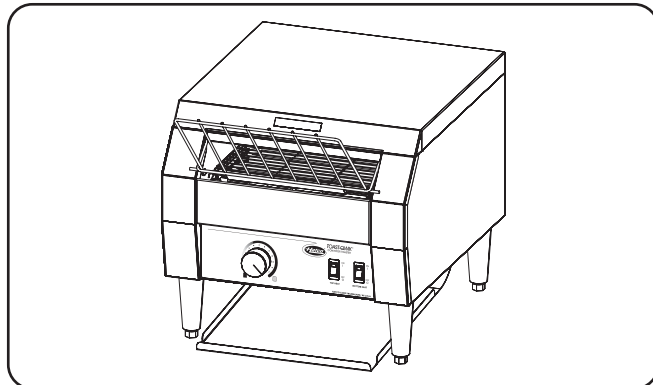
All TQ-400, TQ-800, and TQ-1800 series toasters have a Power Save mode. During Power Save mode, the indicator light on the Power Save button (⊖) will flash. While the light is flashing, the toaster is operating at 50% power. Full power can be restored within 10 minutes by pushing any button or adjusting any control knob.

ColorGuard System

All TQ-400, TQ-800, and TQ-1800 series toasters use a patented ColorGuard sensing system that monitors and automatically adjusts conveyor speed during high usage periods to assure toast color uniformity.

TQ-10 Model

The TQ-10 model allows for toasting of bread products up to 38 mm (1-1/2") thick and 244 mm (9-5/8") wide. The TQ-10 comes equipped with 102 mm (4") adjustable legs.



TQ-10 Model

TQ-400 Model

The TQ-400 model allows for toasting of bread products up to 44 mm (1-3/4") thick and 244 mm (9-5/8") wide.

TQ-405 model

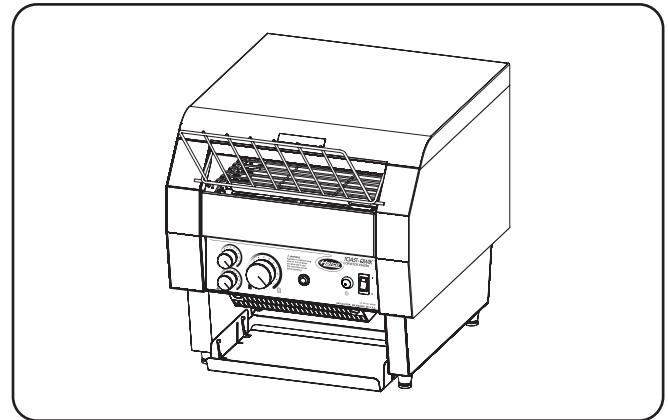
The TQ-405 model allows for toasting of moist or dense bread products up to 44 mm (1-3/4") thick and 244 mm (9-5/8") wide.

TQ-400H Model

The TQ-400H model has a 76 mm (3") wide opening allowing for toasting of bread products up to 70 mm (2-3/4") thick and 244 mm (9-5/8") wide.

TQ-400BA Model

The TQ-400BA model allows for quick single-sided toasting of sliced bagels or bun products up to 44 mm (1-3/4") thick and 244 mm (9-5/8") wide. Most products can be toasted in as little as 45 seconds. Toasts cut side facing up.



TQ-400 Series (TQ-400 shown)

TQ-800 Model

The TQ-800 model allows for toasting of bread products up to 44 mm (1-3/4") thick and 244 mm (9-5/8") wide.

TQ-805 Model

The TQ-805 model allows for toasting of moist or dense bread products up to 44 mm (1-3/4") thick and 244 mm (9-5/8") wide.

TQ-800H Model

The TQ-800H model has a 76 mm (3") wide opening allowing for toasting of bread products up to 70 mm (2-3/4") thick and 244 mm (9-5/8") wide.

TQ-800BA Model

The TQ-800BA model allows for quick single-sided toasting of sliced bagels or bun products up to 44 mm (1-3/4") thick and 244 mm (9-5/8") wide. Most products can be toasted in as little as 30 seconds. Toasts cut side facing up.

TQ-800HBA Model

The TQ-800HBA model is designed to provide the flexibility and performance to toast one side of sliced bagels or bun products in as little as 30 seconds. Toasts cut side facing up. Maximum product size allowed is 70 mm (2-3/4") thick and 244 mm (9-5/8") wide.

TQ-1800 Model

The TQ-1800 model allows for toasting of bread products up to 44 mm (1-3/4") thick and 346 mm (13-5/8") wide.

TQ-1800H Model

The TQ-1800H model has a 76 mm (3") wide opening allowing for toasting of bread products up to 70 mm (2-3/4") thick and 346 mm (13-5/8") wide.

MODEL DESCRIPTION



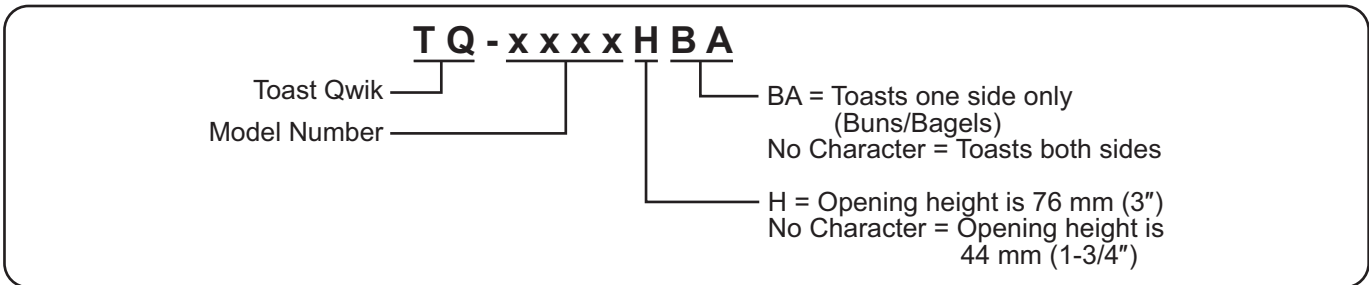
TQ-1800BA Model

The TQ-1800BA model allows for quick single-sided toasting of sliced bagels or bun products up to 44 mm (1-3/4") thick and 346 mm (13-5/8") wide. Most products can be toasted in as little as 15 seconds. Toasts cut side facing up.

TQ-1800HBA Model

The TQ-1800HBA model is designed to provide the flexibility and performance to toast one side of sliced bagels or bun products in as little as 15 seconds. Toasts cut side facing up. Maximum product size allowed is 70 mm (2-3/4") thick and 346 mm (13-5/8") wide when 3 products are placed side by side.

MODEL DESIGNATION



SPECIFICATIONS

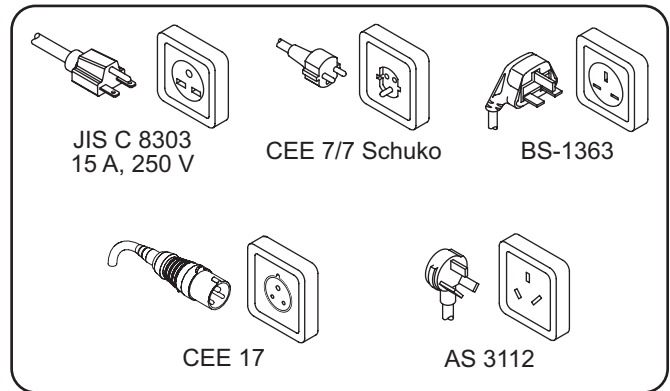
Plug Configurations

Units are supplied from the factory with an electrical cord and plug installed (plugs are supplied according to the applications). Some international units may require field installation of the proper plug.



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.

NOTE: Receptacle not supplied by Hatco.



Plug Configurations

Electrical Rating Chart — TQ-10 Series

Model	Voltage	Hertz	Watts	Amps	Plug Configuration	Shipping Weight
TQ-10	200	50/60	2070	10.4	AS 3112	19 kg (42 lbs.)
	220–230		1866–2048	8.5–8.9	CEE 7/7 Schuko, BS-1363	
	230–240		2048–2221	8.9–9.3	BS-1363, CEE 7/7 Schuko, AS 3112	

Electrical Rating Chart — TQ-400 Series

Model	Voltage	Hertz	Watts	Amps	Plug Configuration	Shipping Weight
TQ-400	200	50/60	2064	10.3	JIS C 8303—15 A, 250 V	21 kg (46 lbs.)
	220–230		1860–2030	8.5–8.8	CEE 7/7 Schuko, BS-1363	
	230–240		2030–2210	8.8–9.2	BS-1363, CEE 7/7 Schuko, AS 3112	
TQ-405	220–230	50/60	2131–2330	9.7–10.1	CEE 7/7 Schuko, BS-1363	21 kg (46 lbs.)
	230–240		2030–2210	8.8–9.2	BS-1363, CEE 7/7 Schuko, AS 3112	
TQ-400H	200	50/60	2064	10.3	JIS C 8303—15 A, 250 V	21 kg (46 lbs.)
	220–230		2131–2330	9.7–10.1	CEE 7/7 Schuko, BS-1363	
	230–240		2030–2210	8.8–9.2	BS-1363, CEE 7/7 Schuko, AS 3112	
TQ-400BA	200	50/60	1878	9.4	JIS C 8303—15 A, 250 V	21 kg (46 lbs.)
	220–230		1765–1930	8.0–8.4	CEE 7/7 Schuko, BS-1363	
	230–240		1930–2100	8.4–8.8	BS-1363, CEE 7/7 Schuko, AS 3112	

Electrical Rating Chart — TQ-800 Series

Model	Voltage	Hertz	Watts	Amps	Plug Configuration	Shipping Weight
TQ-800	200	50/60	3050	15.3	No Plug	28 kg (62 lbs.)
	220–230		3019–3300	13.7–14.4	No Plug, CEE 17	
	230–240		3300–3593	14.4–15.0	No Plug, CEE 17	
TQ-805	230–240	50/60	3300–3593	14.4–15.0	No Plug, CEE 17	28 kg (62 lbs.)
TQ-800H	200	50/60	3050	15.3	No Plug	28 kg (62 lbs.)
	220–230		3019–3300	13.7–14.4	No Plug, CEE 17	
	230–240		3300–3593	14.4–15.0	No Plug, CEE 17	
TQ-800BA	200	50/60	3003	15.0	No Plug	28 kg (62 lbs.)
	220–230		2791–3050	12.7–13.3	No Plug, CEE 17	
	230–240		3050–3321	13.3–13.9	No Plug, CEE 17	
TQ-800HBA	200	50/60	3003	15.0	No Plug	28 kg (62 lbs.)
	220–230		2791–3050	12.7–13.3	No Plug, CEE 17	
	230–240		3050–3321	13.3–13.9	No Plug, CEE 17	

NOTE: Standard TQ-800 Series 220–230 V and 230–240 V units are equipped with a 6' (1829 mm) cord attached, no plug. A CEE-17 plug is available as a factory installed option.

SPECIFICATIONS



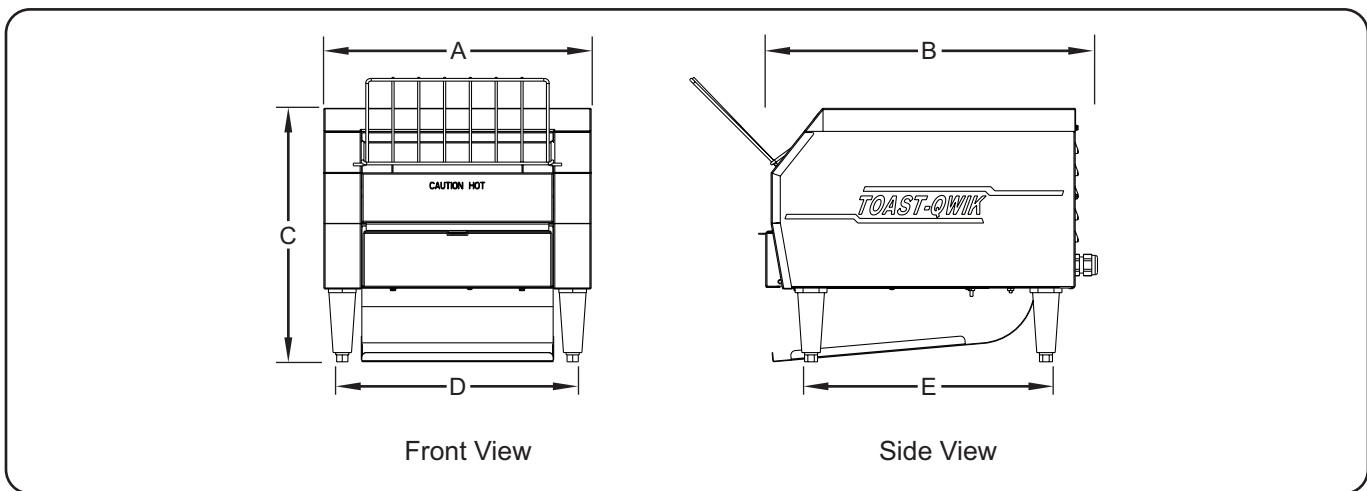
Electrical Rating Chart — TQ-1800 Series

Model	Voltage	Hertz	Watts	Amps	Plug Configuration	Shipping Weight
TQ-1800	220–230	50/60	3731–4078	17.0–17.7	No Plug, CEE 17	33 kg (73 lbs.)
	230–240		4078–4440	17.7–18.5		
TQ-1800H	200	50/60	4271	21.4	No Plug	33 kg (73 lbs.)
	220–230		3907–4271	17.8–18.6	No Plug, CEE 17	
	230–240		4271–4650	18.6–19.4		
TQ-1800BA	220–230	50/60	3849–4206	17.5–18.3	No Plug, CEE 17	33 kg (73 lbs.)
	230–240		4206–4580	18.3–19.1		
TQ-1800HBA	220–230	50/60	3849–4206	17.5–18.3	No Plug, CEE 17	33 kg (73 lbs.)
	230–240		4206–4580	18.3–19.1		

NOTE: Standard TQ-1800 Series 220–230 V and 230–240 V units are equipped with a 6' (1829 mm) cord attached, no plug. A CEE-17 plug is available as a factory installed option.

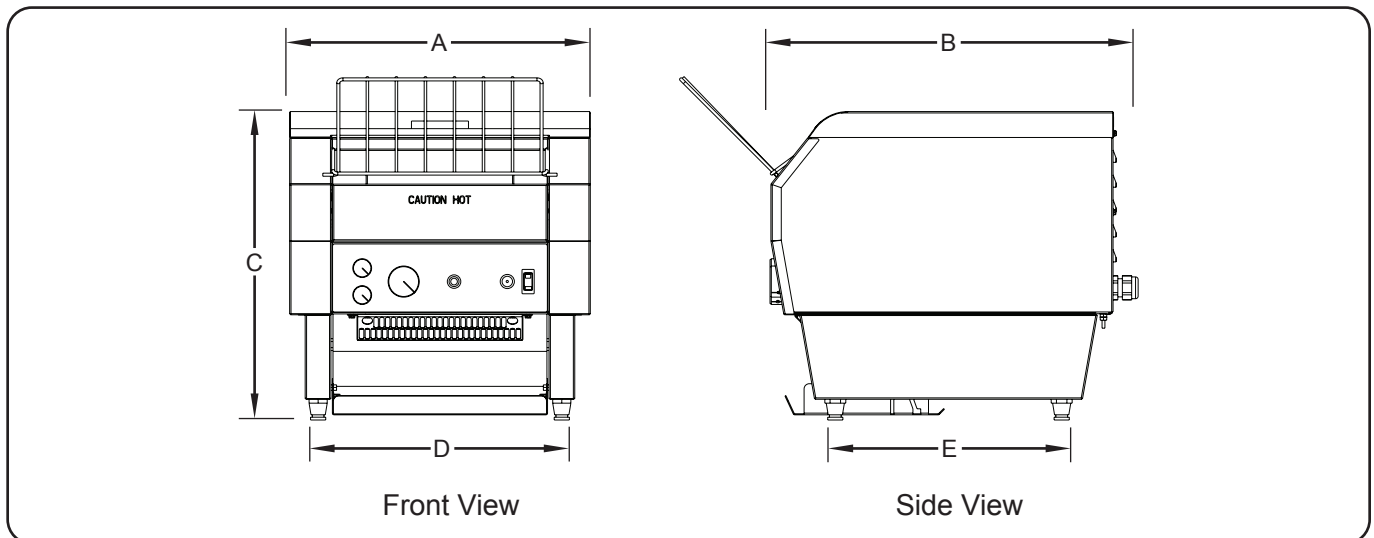
Dimensions — TQ-10

Model	Width (A)	Depth (B)	Height (C)	Footprint Width (D)	Footprint Depth (E)
TQ-10	368 mm (14-1/2")	451 mm (17-3/4")	378 mm (13-3/4")	333 mm (13-1/8")	340 mm (13-3/8")



Dimensions — TQ-400, -405, -800, -805, and -1800 Series

Model	Width (A)	Depth (B)	Height (C)	Footprint Width (D)	Footprint Depth (E)
TQ-400	368 mm (14-1/2")	451 mm (17-3/4")	378 mm (14-7/8")	314 mm (12-3/8")	295 mm (11-5/8")
TQ-405	368 mm (14-1/2")	451 mm (17-3/4")	378 mm (14-7/8")	314 mm (12-3/8")	295 mm (11-5/8")
TQ-400H	368 mm (14-1/2")	451 mm (17-3/4")	403 mm (15-7/8")	314 mm (12-3/8")	295 mm (11-5/8")
TQ-400BA	368 mm (14-1/2")	451 mm (17-3/4")	378 mm (14-7/8")	314 mm (12-3/8")	295 mm (11-5/8")
TQ-800	368 mm (14-1/2")	578 mm (22-3/4")	422 mm (16-5/8")	314 mm (12-3/8")	344 mm (13-1/2")
TQ-805	368 mm (14-1/2")	578 mm (22-3/4")	422 mm (16-5/8")	314 mm (12-3/8")	344 mm (13-1/2")
TQ-800H	368 mm (14-1/2")	578 mm (22-3/4")	422 mm (16-5/8")	314 mm (12-3/8")	344 mm (13-1/2")
TQ-800BA	368 mm (14-1/2")	578 mm (22-3/4")	422 mm (16-5/8")	314 mm (12-3/8")	344 mm (13-1/2")
TQ-800HBA	368 mm (14-1/2")	578 mm (22-3/4")	422 mm (16-5/8")	314 mm (12-3/8")	344 mm (13-1/2")
TQ-1800	470 mm (18-1/2")	578 mm (22-3/4")	422 mm (16-5/8")	416 mm (16-3/8")	344 mm (13-1/2")
TQ-1800H	470 mm (18-1/2")	578 mm (22-3/4")	422 mm (16-5/8")	416 mm (16-3/8")	344 mm (13-1/2")
TQ-1800BA	470 mm (18-1/2")	578 mm (22-3/4")	422 mm (16-5/8")	416 mm (16-3/8")	344 mm (13-1/2")
TQ-1800HBA	470 mm (18-1/2")	578 mm (22-3/4")	422 mm (16-5/8")	416 mm (16-3/8")	344 mm (13-1/2")



General

The Hatco 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 21°C (70°F).

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

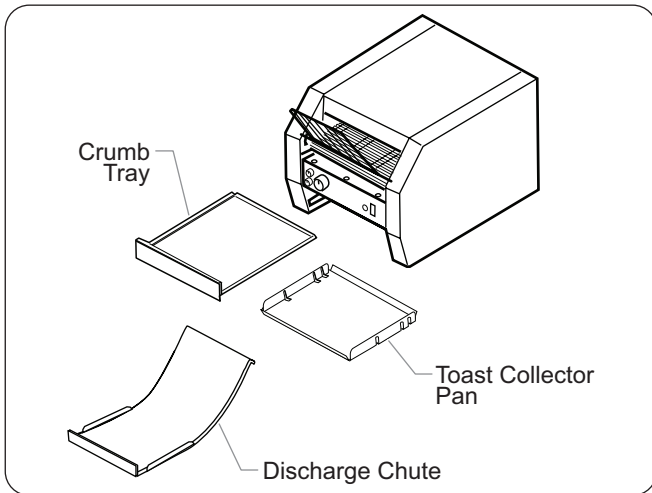
FIRE HAZARD:

- Allow a minimum clearance of 25 mm (1") along the sides and rear of unit. Allow a minimum clearance of 305 mm (12") in the front. If safe distances are not maintained, discoloration or combustion could occur.
- Do not locate toaster under shelving or closer than 305 mm (12") 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 the 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.



Front View (TQ-400 Model shown)

3. Place the unit in the desired location.

- Locate the unit in an area where the ambient air temperature is constant and a minimum of 21°C (70°F) and maximum of 29°C (85°F). 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. If toaster is not level adjust the foot of each leg until level. (TQ-10 models use 14 mm (9/16") open-end wrench to adjust leg height.)
 5. Install the front or rear discharge chutes. Refer to the "Front or Rear Discharge Installation" procedure in this section.

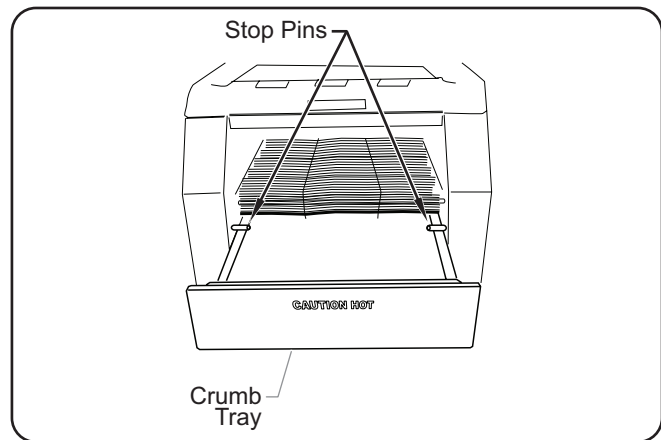
CAUTION

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 excessive temperatures or grease from grills, fryers, etc. Excessive temperatures could cause damage to the unit.

6. Install the crumb tray.
 - a. Position the crumb tray directly below the stop pins under the conveyor belt at the front of the toaster.
 - b. Slide the crumb tray into the toaster until the front of the crumb tray meets the stop pins.



Installing the Crumb Tray

CAUTION

BURN HAZARD: Do not remove crumb tray for cleaning until toaster is cool.

Always operate toaster with crumb tray installed.

Front or Rear Discharge

Toast-Qwik units can be set up so toasted product discharges at either the front or the rear of the unit.



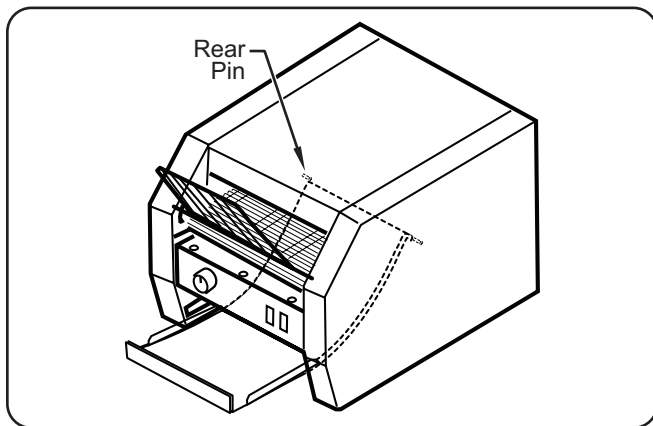
FIRE HAZARD: Allow a minimum clearance of 25 mm (1") along the sides and rear of unit. Allow a minimum clearance of 305 mm (12") in the front. If safe distances are not maintained, discoloration or combustion could occur.

TQ-10 Models

The TQ-10 models use a one piece discharge chute/collector pan. The installation location determines the discharge area.

For front discharge:

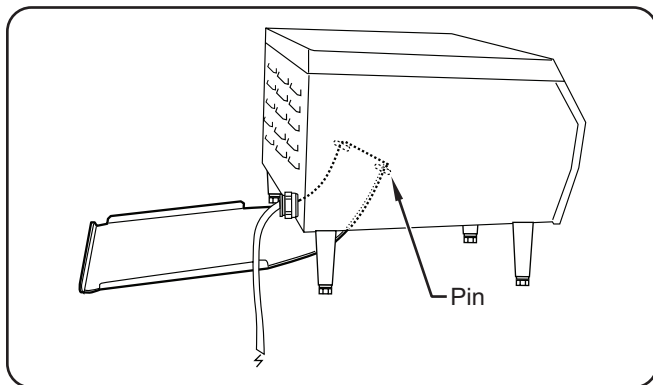
- Slide the toaster chute into the toaster from the front of the toaster with the curved end in and the rear lip of the chute on the rear most pins.



TQ-10 Front Discharge

For rear discharge:

- Slide the toaster chute into the toaster from the rear of the toaster with the curved end in and the lip of the chute over the inside set of pins.



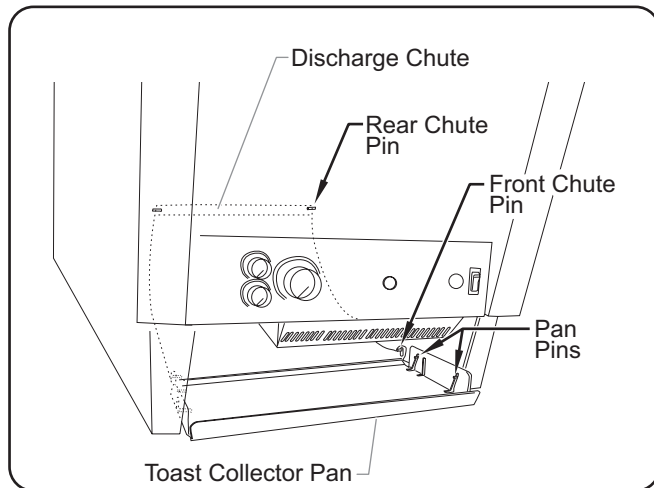
TQ-10 Rear Discharge

TQ-400, -800, and -1800 Series

TQ-400, -800, and -1800 series toasters use a separate discharge chute and collector pan. The installation location determines the discharge area.

For front discharge:

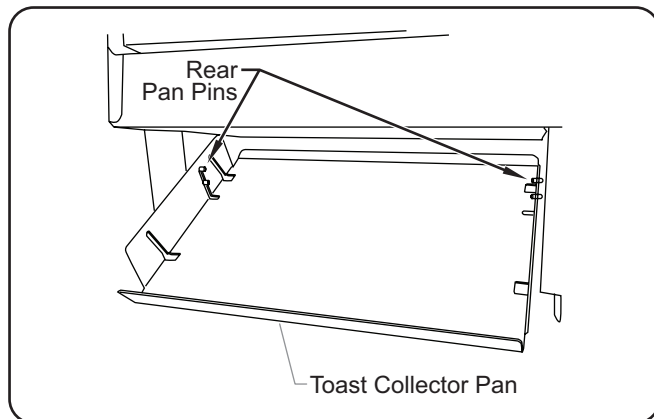
1. Install the chute first by placing the curved end inward until the rear lip of the chute is on the upper most set of pins. The front slots on the chute are on the inside set of pins.
2. Position the collector pan, with the open end in first, over the remaining sets of pins.
3. Align the slanted notches over the pins and lower into place.



TQ-400, -800, and -1800 Series Front Discharge

For rear discharge:

1. Remove the discharge chute if it is installed. The chute is not used for rear discharge.
2. Slide the collector pan, with the open end first, over the set of pins at the rear of the unit.
3. Align the notches over the two sets of pins and lower into place.



TQ-400, -800, and -1800 Series Rear Discharge

General

The Toast-Qwik® Conveyor Toaster is designed for ease of operation. To operate the toaster perform the appropriate procedure in this section.



WARNING

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



CAUTION

BURN HAZARD:

- Some exterior surfaces on unit will get hot. Use caution when touching these areas.
- Do not remove crumb tray for cleaning until toaster is cool.

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.

Always operate toaster with crumb tray installed.

The toasting of coated or buttered products such as garlic bread, cheese sandwiches, and sweet rolls is **NOT** recommended. Residue will reduce toaster performance and could ignite inside the toaster. Using the toaster with the food products listed above will void the unit warranty.

TQ-10 Models

Control Panel

The following are descriptions of the controls used to operate the unit. All controls are located on the control panel on the front of the unit.

Top Heat I/O Switch

The Top Heat (☰) I/O Switch controls power to the top heating element. The icon indicates that the heat will radiate down from above.

Bottom Heat I/O Switch

The Bottom Heat (☷) I/O Switch controls power to the bottom heating element. The icon indicates that the heat will be rise up from below.

Color Control

The Color Control adjusts the toasting color using the speed of the conveyor. Turning the Color Control clockwise will toast products to a darker color (■). Turning the Color Control counterclockwise will toast products to a lighter color (□).

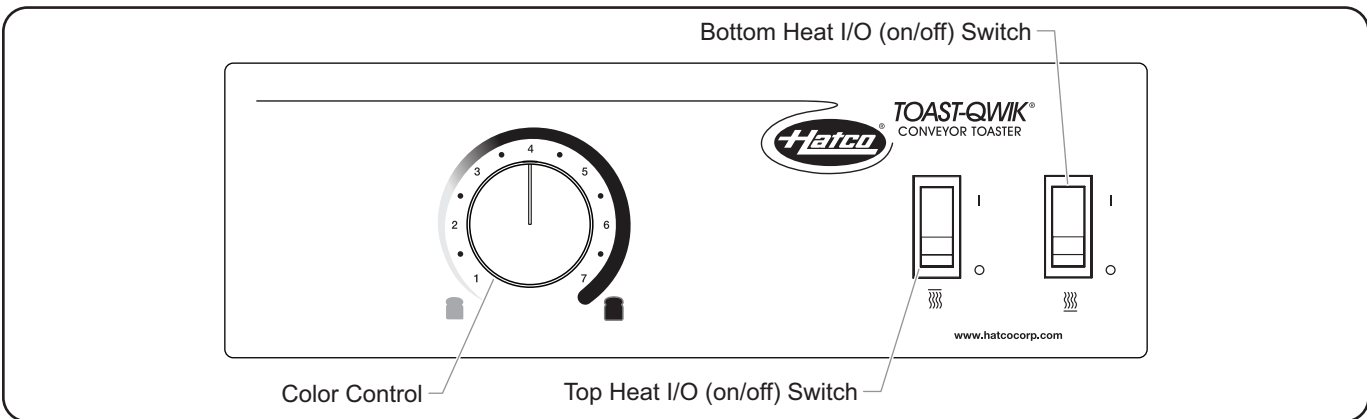
Operating TQ-10 Models

1. Plug toaster into a properly grounded electrical outlet of the correct voltage, size and plug configuration. See the SPECIFICATIONS section for details.
2. Move the ☰ and/or ☷ I/O switches to the I position.
 - To toast the **top and bottom sides of the bread**, move the ☰ and ☷ I/O switches to the I (on) position.
 - To toast on the **top side only**, move the ☰ I/O switch in the I position and the ☷ I/O switch to the O position.
 - To toast on the **bottom side only**, move the ☷ I/O switch in the O position and the ☰ I/O switch to the I position.
3. Turn the Color Control to the lightest position while the unit heats up.

NOTE: Allow approximately 15 to 20 minutes for a warm-up period.

4. After warm-up period, set the Color Control to the medium position and toast two slices of bread product then re-adjust the Color Control to the desired setting.

NOTE: To toast moist products such as English Muffins, rye bread or whole wheat, slow the conveyor by turning the Color Control knob to a darker setting (clockwise).



Control Panel – TQ-10 Series

TQ-400, -800, and -1800 Series

Control Panel

The following are descriptions of the controls used to operate the unit. All controls are located on the control panel on the front of the unit.

☰ Top Heat Control

The Top Heat (☰) Control adjusts the amount of heat to the top heating element. The icon indicates that the heat will radiate down from above.

☷ Bottom Heat Control

The Bottom Heat (☷) Control adjusts the amount of heat to the bottom heating element. The icon indicates that the heat will be rise up from below.

Color Control

The Color Control adjusts the toasting color using the speed of the conveyor. Turning the Color Control clockwise will toast products to a darker color (■). Turning the Color Control counterclockwise will toast products to a lighter color (■).

Power I/O (On/Off) Switch

The Power I/O (on/off) Switch controls power to the entire unit.

Operating TQ-400, -800, and -1800 Series

NOTE: TQ-400BA, -800BA, -800HBA, -1800BA, and -1800HBA toasters are designed specifically for toasting one side of a bread product, such as a bun or bagel. These models toast with the cut side facing up.

1. Plug the unit into a properly grounded electrical receptacle of the correct voltage, size, and plug configuration. See the SPECIFICATIONS section for details.
2. Move the Power I/O (on/off) switch in the I (on) position.
3. Adjust the ☰ and/or ☷ Controls.
 - For two sided toasting, turn the ☰ Control and ☷ Control clockwise to the highest setting.
 - For one sided toasting, turn the ☰ Control clockwise to the highest setting and turn the ☷ Control counterclockwise to the lowest setting.

NOTE: When toasting a single-sided product such as a bun or bagel, place the product with the cut side facing up. Adjust the ☰ Control to a light setting, toast two slices of bread product and adjust the ☰ and/or ☷ Controls as needed.

4. Turn the Color Control fully counterclockwise (■) while the toaster heats up.

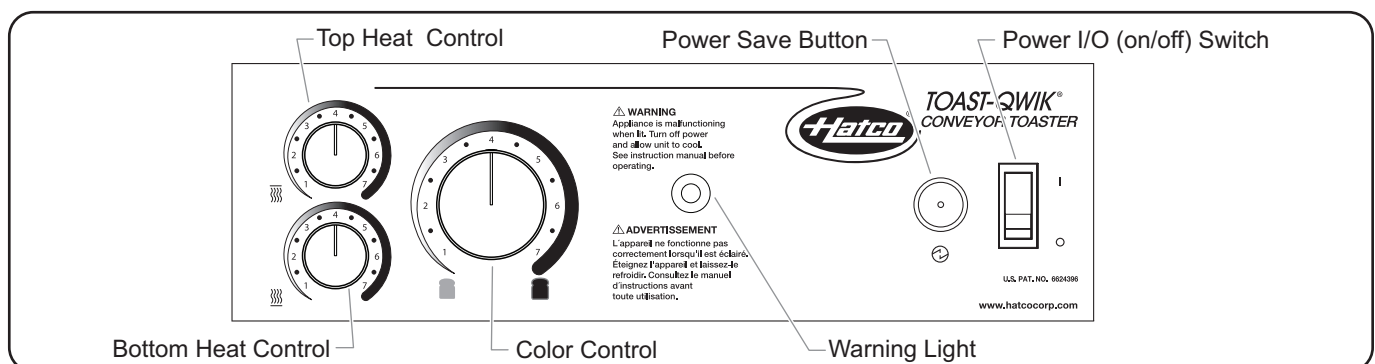
NOTE: Allow approximately 15 to 20 minutes for a warm-up period.

5. After warm-up period, toast two slices of bread product. Adjust the Color Control if needed.
 - If toasted bread product is too dark with the Color Control set on the lightest setting, adjust the ☰ and/or ☷ controls as needed. (Allow 15 to 20 minutes for toaster to re-adjust to new setting before resuming operation.)
 - If toasted bread product is too light with the Color Control set on the lightest setting, adjust the Color Control as needed. (Allow 15 to 20 minutes for toaster to re-adjust to new setting before resuming operation.)

NOTE: To toast moist products such as English Muffins, rye bread or whole wheat, slow the conveyor by turning the Color Control knob to a darker setting (clockwise).

IMPORTANT NOTE

If the warning light comes on, the unit may be overheating. Turn off and unplug the unit. Refer to the “Daily Cleaning” procedure to clean the cooling fan vents. If the unit does not function properly after cleaning the cooling fan vents, contact an Authorized Service Agent or Hatco for assistance.



Control Panel – TQ-400, -800, and -1800 Series

Power Save Mode

All TQ-400, -800, and -1800 series toasters have a built-in Power Save mode with an indicator light feature. This feature allows the toaster to go into stand-by mode and reduces power to the heating elements by 50 percent. During Power Save mode the Power Save button will illuminate.

To activate Power Save mode:

1. Press the Power Save button (☺). The Power Save button will illuminate.

To deactivate Power Save mode:

1. Press the Power Save button (☺) or turn any knob. The Power Save button will no longer illuminate.

NOTE: Allow a minimum of 2–3 minutes before toasting. Unit is back up to full power within 10 minutes.

ColorGuard System

All TQ-400, -800, and -1800 series toasters use a patented ColorGuard sensing system that monitors and automatically adjust conveyor speed during high usage periods to assure toast color uniformity.

NOTE: The ColorGuard sensing system is inoperable for approximately ten minutes after any heat adjustments are made.

Adjusting the Toast Feed Ramp

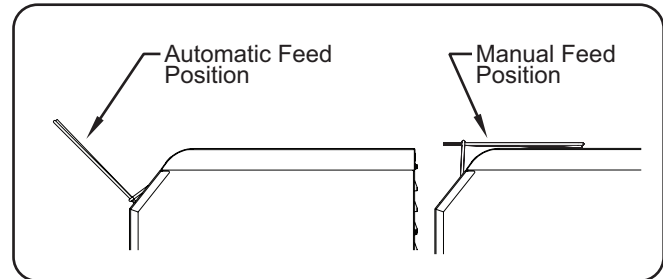
The toast feed ramp is installed at the factory and can be used in two positions.

Automatic Feed Position

For automatic feed, the toast feed ramp should be in an upright position. Bread products enter the toaster by placing them on the feed ramp and releasing.

Manual Feed Position

For manual feed, the toast feed ramp should be in a horizontal position on top of the toaster. Bread products are manually loaded by placing directly on the conveyor belt.



Toast Feed Ramp

General

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

⚠ WARNING

ELECTRIC SHOCK HAZARD:

- Turn OFF power switch, unplug power cord, and allow unit to cool before performing maintenance, cleaning, setup, 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 +1-414-671-6350.

Daily Cleaning

To preserve the finish of the unit, it is recommended that the metal surfaces be wiped daily with a damp cloth.

⚠ 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. Turn off the unit, unplug the power cord, and allow the unit to cool.
2. Remove and empty the crumb tray and the toast collector pan.
 - a. Wash the crumb tray and the toast collector pan with warm water and a mild detergent. Rinse with water.
 - b. Allow the crumb tray and toast collector pan to air dry, or dry with a soft cloth.

⚠ CAUTION

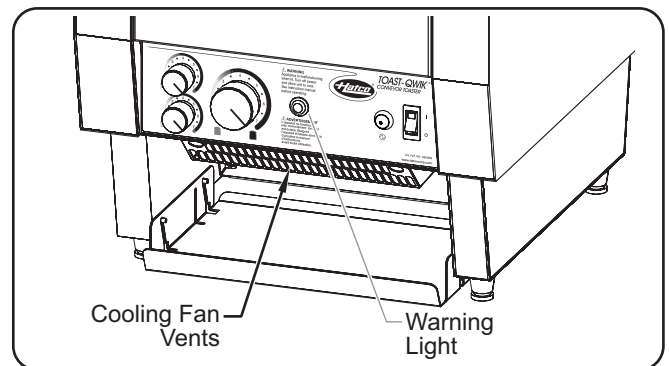
BURN HAZARD: Do not remove crumb tray for cleaning until toaster is cool.

3. Wipe the exterior surfaces of the toaster with a non-abrasive, damp cloth.
4. 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.

NOTE: The conveyor gear motor and conveyor system are permanently lubricated and require no lubrication.

5. Check the cooling fan vents and clean any debris.

NOTE: TQ-400, -800, and -1800 series toasters are equipped with a cooling fan directly below the control panel area. Check/clean the cooling fan vents monthly or anytime the warning light illuminates. For excessive buildup, use a vacuum cleaner to clear the vents. Clogged vents will cause the toaster to overheat and shut down.



Cooling Fan Vents (TQ-400 shown)

6. Reinstall the crumb tray and toast collector pan. Refer to the INSTALLATION section for instructions.

Cleaning the Toast Feed Ramp

1. Remove the toast feed ramp by pressing in the two wire spokes and lifting.
2. Wipe clean with a non-abrasive, damp cloth or soak the ramp in a mild solution of 227 ml (1 cup) ammonia and 3.785 l (1 gallon) of water.
3. Reinstall the toast feed ramp by aligning the wire spokes with the holes in the toaster.

Cleaning the Bottom Element Reflector

The bottom heating 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. Turn off the unit, unplug the power cord, and allow the unit to cool.
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.

TROUBLESHOOTING GUIDE



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



ELECTRIC SHOCK HAZARD: Turn OFF power switch, unplug power cord, and allow unit to cool before performing any cleaning, setup, or maintenance.

Symptom	Probable Cause	Corrective Action
Toast too light.	Color Control knob set on a light setting.	Turn Color Control knob to a darker setting.
	Supply voltage to unit is low.	Verify the supply voltage to the toaster matches the unit specifications.
Toast too dark.	Color Control knob set on a dark setting.	Turn Color Control knob to a lighter setting.
	Supply voltage to unit is high.	Verify the supply voltage to the toaster matches the unit specifications.
Unit takes too long to toast.	The first few batches can take longer because the toaster needs time to heat up when initially turned on.	Allow toaster to heat up to full operating temperature before inserting bread product (approximately 15–20 minutes).
	Supply voltage to unit is low.	Verify the supply voltage to the toaster matches the unit specifications.
Unit toasts on one side only.	Toaster is a “buns” only model. (Model contains BA in model name.)	Unit is designed to perform in this way.
	Bottom Heat (☺) or Top Heat (☺) control set too low or in the O position.	Turn the ☺ or ☺ control to a higher setting or in the I position.
	Heating element defective.	Visually check the heating element. With the unit turned on, 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.
Toaster conveyor doesn't move.	Bread slices or buns jammed in conveyor track.	Turn off unit, wait for unit to cool, and remove bread product jamming the conveyor.

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: +1-414-671-6350

e-mail: support@hatcocorp.com



Security Cover

The security cover flips up to limit access to the control panel and flips down for access to the control panel.

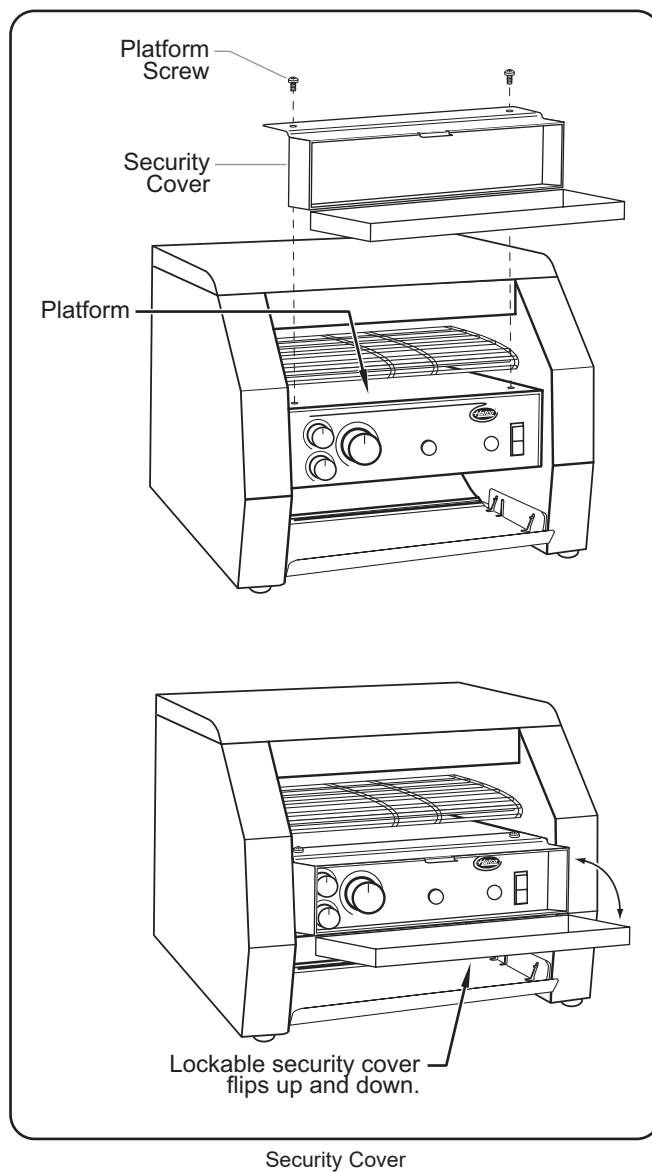
1. Remove the toast crumb tray.
2. Remove screws.
3. Position security cover over control panel.
4. Attach security cover using previously removed screws.
5. Install the toast crumb tray.

Extended Feed Guide

An extended feed guide accessory adds 76 mm (3") to the feed ramp (not available for TQ-1800 series).

Automatic Power Save Mode

The optional automatic power Save mode feature switches to power save mode after 30 minutes of inactivity (not available for TQ-10 models).



INTERNATIONAL LIMITED WARRANTY



1. PRODUCT WARRANTY

Hatco warrants the products that it manufactures (the "Products") to be free from defects in materials and workmanship, under normal use and service, for a period of one (1) year from the date of purchase when installed and maintained in accordance with Hatco's written instructions or 18 months from the date of shipment from Hatco. Buyer must establish the Product's purchase date by registering the Product with Hatco or by other means satisfactory to Hatco in its sole discretion.

Hatco warrants the following Product components to be free from defects in materials and workmanship from the date of purchase (subject to the foregoing conditions) for the period(s) of time and on the conditions listed below:

a) Two (2) Year Parts and Labor Warranty (UK only):

Induction Ranges
Induction Warmers

b) Two (2) Year Parts Warranty:

Conveyor Toaster Elements (metal sheathed)
Drawer Warmer Elements (metal sheathed)
Drawer Warmer Drawer Rollers and Slides
Strip Heater Elements (metal sheathed)
Display Warmer Elements (metal sheathed air heating)
Holding Cabinet Elements (metal sheathed air heating)
Heated Well Elements — HW and HWB Series
(metal sheathed)

c) Five (5) Year Parts Warranty:

3CS and FR Tanks

d) Ten (10) Year Parts Warranty:

Electric Booster Heater Tanks
Gas Booster Heater Tanks

e) Ninety (90) Day Parts Warranty:

Replacement Parts

THE FOREGOING WARRANTIES ARE EXCLUSIVE AND IN LIEU OF ANY OTHER WARRANTY, EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR PATENT OR OTHER INTELLECTUAL PROPERTY RIGHT INFRINGEMENT. Without limiting the generality of the foregoing, SUCH WARRANTIES DO NOT COVER: 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; or Product misuse, tampering or misapplication, improper installation, or application of improper voltage.

2. LIMITATION OF REMEDIES AND DAMAGES

Hatco's liability and Buyer's exclusive remedy hereunder will be limited solely to replacement of part or Product using, at Hatco's option, new or refurbished parts or Product by Hatco or a Hatco-authorized service agency with respect to any claim made within the applicable warranty period referred to above. Hatco reserves the right to accept or reject any such claim in whole or in part. In the context of this Limited Warranty, "refurbished" means a part or Product that has been returned to its original specifications by Hatco or a Hatco-authorized service agency. Hatco will not accept the return of any Product without prior written approval from Hatco, and all such approved returns shall be made at Buyer's sole expense. HATCO WILL NOT BE LIABLE, UNDER ANY CIRCUMSTANCES, FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES, INCLUDING BUT NOT LIMITED TO LABOR COSTS OR LOST PROFITS RESULTING FROM THE USE OF OR INABILITY TO USE THE PRODUCTS OR FROM THE PRODUCTS BEING INCORPORATED IN OR BECOMING A COMPONENT OF ANY OTHER PRODUCT OR GOODS.

SERVICE INFORMATION

The warranty on this Hatco unit is for one year from date of purchase or eighteen months from date of shipping from Hatco, whichever occurs first.

If you experience a problem with this unit during the warranty period, please do the following:

Contact Local Hatco Dealer

When contacting the Hatco dealer for service assistance, please supply the dealer with the following information to ensure prompt processing:

- Model of unit
- Serial number (located on the unit)
- Specific problem with the unit
- Date of purchase
- Name of business
- Shipping address
- Contact name and phone number

The Hatco dealer will do the following:

- Provide replacement part(s) as required
- Submit warranty claim to Hatco for processing

Non-Warranty Problems

If you experience a non-warranty problem that requires assistance, please contact the nearest Authorized Hatco Service Agency.

To locate the nearest Service Agency:

- access our website at www.hatcocorp.com, select the *Support* pull-down menu, and click on "Find Service Agent"
- call Hatco Service at +1-414-671-6350
- e-mail Hatco Service at: support@hatcocorp.com



- GB** Symbol Identification
- ES** Identificación de los símbolos
- FR** Identification de Symbole



Safety Alert
Alerta de seguridad
Alerte de sécurité



Read Operator's Manual
Lea el manual del operador
Lire le manuel de l'opérateur



Caution — Hot Surface
Precaución: superficie caliente
Attention - Surface Chaude



Power ON
Encendido
Puissance Sur



Power OFF
Apagado
Hors Tension



Standby
En espera
Veille



Protective Earth Ground
Puesta a tierra protectora
La Terre de Protection



Earth Ground
Puesta a tierra
Mise à la Terre



Equipotential Ground
Masa equipotencial
Rez de Potentiel



Alternating Current
Corriente alterna
Courant Alternatif



Phase
Fase
Phase



Water Fill, Low Water
Llenado de agua, bajo nivel de agua
Remplir d'eau, Bas Niveau d'eau



Humidity, Humidity Cycle
Humedad, ciclo de humedad
Humidité, Cycle Humidité

HATCO CORPORATION
P.O. Box 340500
Milwaukee, WI 53234-0500 U.S.A.
Telephone +1-414-671-6350
support@hatcocorp.com
www.hatcocorp.com