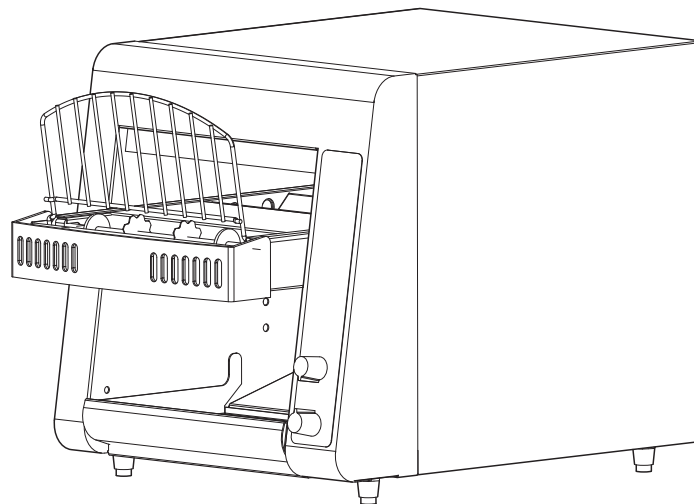


Holman[®] **CONVEYOR TOASTER**

MODEL
QCS-2-1200B
RCS-2-1200B
QCS-3-1600B

Installation and Operation Instructions

2M-HG0656 Rev.I 2/11/2011



QCS-2



SAFETY SYMBOL



These symbols are intended to alert the user to the presence of important operating and maintenance instructions in the manual accompanying the appliance.

RETAIN THIS MANUAL FOR FUTURE REFERENCE NOTICE

Using any part other than genuine Star factory supplied parts relieves the manufacturer of all liability.

Star reserves the right to change specifications and product design without notice. Such revisions do not entitle the buyer to corresponding changes, improvements, additions or replacements for previously purchased equipment.

Due to periodic changes in designs, methods, procedures, policies and regulations, the specifications contained in this sheet are subject to change without notice. While Star International Holdings Inc., Company exercises good faith efforts to provide information that is accurate, we are not responsible for errors or omissions in information provided or conclusions reached as a result of using the specifications. By using the information provided, the user assumes all risks in connection with such use.

MAINTENANCE AND REPAIRS

Contact your local authorized service agent for service or required maintenance.

Please record the model number, serial number, voltage and purchase date in the area below and have it ready when you call to ensure a faster service.

Model No. _____
Serial No. _____
Voltage _____
Purchase Date _____

Authorized Service Agent Listing

Reference the listing provided with the unit

or

for an updated listing go to:

Website: www.star-mfg.com
E-mail Service@star-mfg.com

Service Help Desk

Business Hours: 8:00 am to 4:30 p.m. Central Standard Time

Telephone: (314) 678-6303

Fax: (314) 781-2714

E-mail Parts@star-mfg.com
Service@star-mfg.com
Warranty@star-mfg.com

Website: www.star-mfg.com

Mailing Address: Star International Holdings Inc., Company
10 Sunnen Drive
St. Louis, MO 63143
U.S.A

GENERAL INSTALLATION DATA



CAUTION

This equipment is designed and sold for commercial use only by personnel trained and experienced in its operation and is not sold for consumer use in and around the home nor for use directly by the general public in food service locations.

Before using your new equipment, read and understand all the instructions & labels associated with the unit prior to putting it into operation. Make sure all people associated with its use understand the units operation & safety before they use the unit.

All shipping containers should be checked for freight damage both visible and concealed. This unit has been tested and carefully packaged to insure delivery of your unit in perfect condition. If equipment is received in damaged condition, either apparent or concealed, a claim must be made with the delivering carrier.

Concealed damage or loss - if damage or loss is not apparent until after equipment is unpacked, a request for inspection of concealed damage must be made with carrier within 15 days. Be certain to retain all contents plus external and internal packaging materials for inspection. The carrier will make an inspection and will supply necessary claim forms.

INSPECTION & ASSEMBLY

UNCRATING AND INSPECTING

Unpack the unit and components from the shipping container. Remove all visible packing material and those from inside the cooking chamber. If damage is discovered, file a claim immediately with the carrier that handled the shipment. Do not operate the unit if it was damaged during shipping.

ASSEMBLY AND INSTALLATION

The unit was shipped fully assembled and ready to plug into a standard outlet specified for its voltage and amp draw. If improper electrical supply is determined, contact a qualified electrician prior to using the unit. Removal and replacement of the power cord and plug will void the warranty. For assistance, contact your local authorized service agent for service or required maintenance.

Level unit using the adjustable feet under the unit (approximately 1/2" adjustment).

Before using the unit for the first time, wipe down the exterior with a damp cloth.

CAUTION



Allow enough space around the toaster for adequate ventilation. Do not operate the unit without the crumb tray properly positioned. Overheating and poor toasting may occur. Read all labels on the unit and follow their instructions.

ELECTRICAL CONNECTION



WARNING

Before making any electrical connection to this unit, check that the power supply is adequate for the voltage, amperage and requirements stated on the rating plate. A wiring diagram is included herewith.

Disconnect the unit from the power source before installing or removing any parts.

Be absolutely sure that the ground connection for the receptacle is properly wired.

Do not connect equipment to power without proper ground connections.

Improper grounding may result in personal injury or fatality.



WARNING

DO NOT CUT OR REMOVE THIS PLUG OR GROUNDING PRONG FROM THE PLUG.



WARNING

CONNECT/PLUG UNIT INTO DEDICATED A.C. LINE ONLY SPECIFIED ON THE DATA PLATE OF THE UNIT.

DAILY OPERATION

ROTARY POWER SAVER SWITCH

For toasters equipped with a Rotary Power Saver Switch, turn clockwise or counterclockwise to get in the following positions.

FULL POWER

When in this position your equipment is at full power and ready to use.

OFF ROTARY

Two off positions are provided, a single rotation to either direction will shut the unit off.

STANDBY

The standby position reduces the power consumption by 75%. Using this position during the quiet times will save electricity, and keep the toaster warm.

When needed, turn the switch to **FULL POWER**. Recovery time is a few minutes.



CAUTION

CERTAIN SURFACES ARE EXTREMELY HOT DURING OPERATION AND CARE SHOULD BE TAKEN WHILE USING THIS UNIT.

COOKING PROCEDURES

BAGEL TOASTING

Some toasters are equipped with a swinging heat shutter at the toaster entrance. This shutter will move out of the way as the product passes under it.

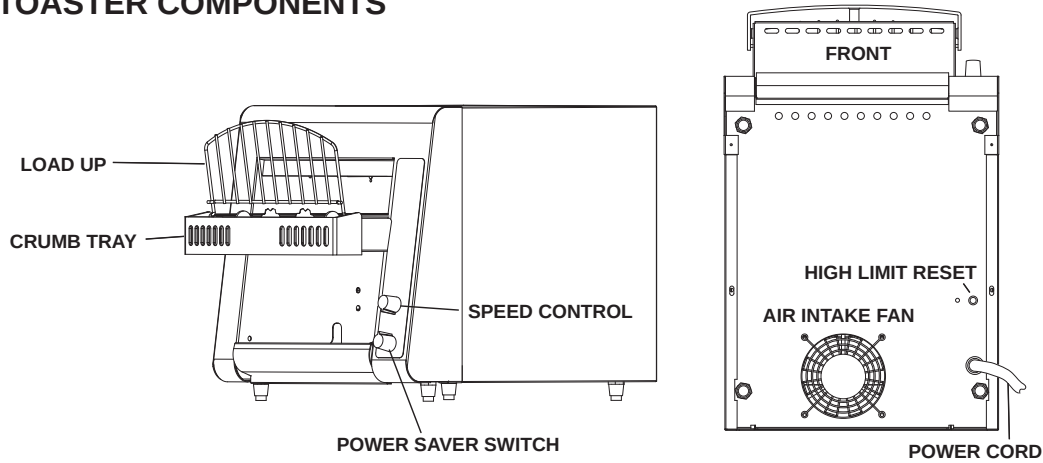
- 1) Turn the power saver to FULL POWER.
- 2) Set the conveyor speed to 50.
- 3) Allow warm up time of 20 to 30 minutes.
- 4) Place a sample product on the conveyor belt to test the settings.

•If toasting is too light, turn conveyor speed control counterclockwise to a slower speed.

•If toasting is too dark, turn heat control to a lower heat.

(NOTE: Some products may require adjustment of the top and bottom heat controls in order to achieve the desired results)

TOASTER COMPONENTS



DAILY OPERATION

Check the power cord to insure that it is plugged into a proper outlet.

Set the heat control knobs to desired temperature.

Always allow 20 - 30 minutes of preheat time before loading the unit with product. Failure to allow sufficient preheat time will result in unsatisfactory cooking until the unit reaches operating temperature.



OPERATING HINTS AND SAFETY

Disconnect power to the unit with the switch at the end of each day of operation.

Do not leave the unit in operation without an attendant.

Turn Power Saver Switch to Standby during idle periods. It will take only a few minutes to regain operating temperature.

Do not leave the unit at high temperature when not in use or during idle periods. This will cause food particles and grease film to carbonize.

CLEANING

Preventive maintenance for your Holman toaster consists of the following recommended cleaning procedures. To keep your toaster in its top operating condition, these steps should be performed on a daily or weekly as indicated.

- A. Clean air intake on bottom of unit.
- B. For lightly soiled conveyor belts, turn conveyor speed control to fastest setting and wipe with a damp cloth (daily) For heavily soiled conveyors, turn conveyor speed control to fastest setting and wipe with a light abrasive pad (as needed).
- C. Turn main power saver switch to the OFF position. Disconnect unit from power source.
- D. After the unit cools, remove interior crumb tray (as shown below) and clean.
Slide crumb tray back into position.
- E. Wipe exterior surface of unit.

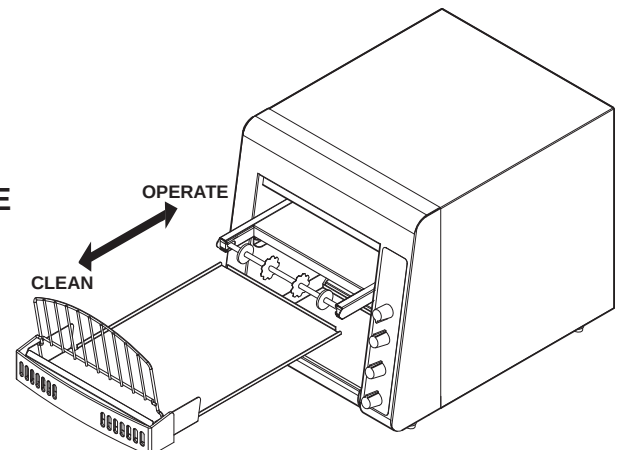


WARNING

DO NOT IMMERSE OR LET THE UNIT STAND IN WATER.

DO NOT HOSE DOWN THE UNIT OR THE TABLE/COUNTER IF THE UNIT IS ON THE TABLE/COUNTER.

KEEP AWAY FROM RUNNING WATER.



MAINTENANCE PROCEDURES

A. REPLACING HEATER TUBES

- 1) **DISCONNECT UNIT FROM POWER SOURCE.**
- 2) Remove the enclosure, by removing screws. Lift back end of enclosure up then back.
- 3) Remove heater tube wires from terminal block connection, keeping top and bottom wires separate.
- 4) Lift heater tube retainers by loosening retaining screws and sliding the retainer plate up. Hand tighten the plate to hold it up so the heater tubes will slide out freely.
- 5) Gently, pull defective heater tube out of unit.
- 6) Gently, put new heater tube into unit.
- 7) Loosen retainer screws and slide the retainer back into place. Tighten the screw to secure the retainer in place over the ends of the heater tubes.
- 8) Reinstall the wires being sure use the same location as was in the original heater tube. Tighten the screws securely.

B. REPLACING FAN MOTOR

- 1) **DISCONNECT UNIT FROM POWER SOURCE.**
- 2) Remove the enclosure, by removing screws. Lift back end of enclosure up then back.
- 3) Unplug power supply cord from fan motor.
- 4) Remove (4) screws, which hold fan motor and grill to bottom of unit and remove fan.
- 5) Put replacement motor and grill in place and secure to the bottom of unit with screws.
- 6) Reconnect power supply cord to fan motor.
- 7) Replace back panel and enclosure. Fasten with screws removed in step 2.

C. REPLACING CONVEYOR DRIVE MOTOR

- 1) **DISCONNECT UNIT FROM POWER SOURCE.**
- 2) Remove enclosure and back panel.
- 3) Remove sprocket from motor shaft, using an Allen wrench and loosening the set-screw.
- 4) Remove the wire from terminal block connecting the drive motor to internal wiring. On units rated 208 or 240 volts, note which color leads are being used for these connections and which lead is capped with white tape. The new motor should use the same arrangement.
- 5) Remove screws holding motor in place and remove motor from unit.
- 6) Put new motor in place and attach loosely with mounting screws.
- 7) Replace sprocket on motor shaft.

NOTE: The two sprockets must line up parallel with each other, so the chain does not twist any during operation. Also the hub gets installed closets to the motor.

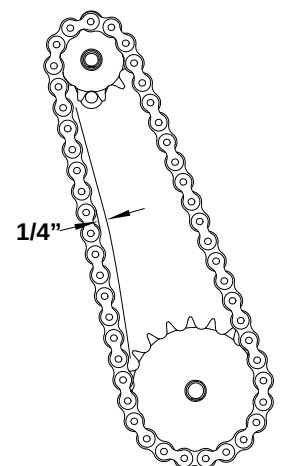
- 8) Slide motor until the drive chain has about 1/4" slack when lightly pushed at the center of its top open run. *See chain tensioning illustration.*
- 9) Tighten screws to secure motor.
- 10) Rewire leads same as removed in step 4.
- 11) Replace side panel and control box cover.

D. CLEANING AIR INTAKE ONCE A WEEK

- 1) **DISCONNECT UNIT FROM POWER SOURCE.**
- 2) Place unit on its backside.
- 3) Use a vacuum cleaner and or a damp cloth to clean the air intake. This procedure should be done at least

E. LUBRICATE THE CHAIN & SPROCKETS EVERY 6 MONTHS

- 1) **DISCONNECT UNIT FROM POWER SOURCE.**
- 2) Remove enclosure exposing chain drive.
- 3) Using an extreme pressure, synthetic chain lubricant with a temperature range up to 400°F. Apply liberally onto chain and sprockets. This grease is available as part no. 1P-Z12397.
- 4) Replace enclosure, Reconnect power source and test unit.



QCS/RCS Chain Tension

TROUBLESHOOTING GUIDE

A. UNIT WILL NOT HEAT, CONVEYOR BELT WILL NOT MOVE.

- 1) Be sure the main circuit breaker is switched to the ON position.
- 2) Check to see if the toaster is plugged in and all controls are turned to the ON position.

B. UNIT HAS HEAT ONLY ON ONE SIDE, CONVEYOR BELT TURNS FREELY.

- 1) Call the Star Parts Help Desk at 1-314-678-6303, as heating element may need replacing.

C. CONVEYOR WILL NOT TURN, UNIT HEATS PROPERLY.

To check for mechanical binding:

- 1) **DISCONNECT UNIT FROM POWER SOURCE.**
- 2) Remove 2 screws holding enclosure to the bottom of the unit.
- 3) Set unit on the legs and remove 4 screws on the back of the toaster.
- 4) Slide the enclosure off the unit and remove the back panel.
- 5) Loosen the four screws that hold the drive motor in place.
- 6) Slide the motor up allowing the drive chain to be removed from the sprockets.
- 7) Move the conveyor belt by hand to check for mechanical binding. If conveyor moves freely, call the Star Parts Help Desk at 1-800-807-9054, as the drive motor and/or speed control may need replacing.
- 8) Replace the enclosure by sliding it forward towards the front of the unit.
The front edge of the enclosure will slide beneath the toaster front.

D. HEAT LIMIT SWITCH (RESET)

Your Holman conveyor toaster is equipped with an automatically activated heat limit switch that interrupts the heater tube connections if the ambient temperature in the control box exceeds 190°F (88°C). This switch can be reset manually by pushing the red button under the toaster as shown in the Toaster Components Illustration on Page 5.

- 1) **DISCONNECT UNIT FROM POWER SOURCE.**
- 2) Check to see if air intake area in the bottom center of the control box cover is free of dust, grease or other obstructions.
- 3) Check if crumb tray is in place. NEVER OPERATE UNIT WITHOUT CRUMB TRAY IN PLACE AS THIS CAUSES OVERHEATING IN THE CONTROL BOX.
- 4) If no obstructions to the airflow can be found and if the crumb tray is in place, call the Star Service Help Desk at 1-314-678-6303 for assistance.

E. CONVEYOR TURNS AT ONE SPEED REGARDLESS OF SPEED CONTROL SETTING.

- 1) Call the Star Parts Help Desk at 1-314-678-6303.

Visit our Website at: www.star-mfg.com

Email: service@star-mfg.com

THOROUGHLY INSPECT YOUR UNIT ON ARRIVAL

This unit has been tested for proper operation before leaving our plant to insure delivery of your unit in perfect condition. However, there are instances in which the unit may be damaged in transit. In the event you discover any type of damage to your product upon receipt, you must immediately contact the transportation company who delivered the item to you and initiate your claim with same. If this procedure is not followed, it may affect the warranty status of the unit.

LIMITED EQUIPMENT WARRANTY

All workmanship and material in Star products have a one (1) year limited warranty on parts & labor in the United States and Canada. Such warranty is limited to the original purchaser only and shall be effective from the date the equipment is placed in service. Star's obligation under this warranty is limited to the repair of defects without charge, by the factory authorized service agency or one of its sub-agencies. Models that are considered portable (*see below*) should be taken to the closest Star service agency, transportation prepaid.

- > Star will not assume any responsibility for loss of revenue.
- > On all shipments outside the United States and Canada, see International Warranty.
- * The warranty period for the Ultra-Max, Hot Plates, Griddles, Charbroilers is (3) years parts & labor.
- * The warranty period for the Star-Max, Charbroilers, Griddles, Hot Plates, Fryers & Finishing Oven is (2) years parts & labor.
- * The warranty period for the JetStar six (6) ounce & Super JetStar eight (8) ounce series popcorn machines is two (2) years.
- * The warranty period for the Chrome-Max Griddles is five (5) years on the griddle surface. See detailed warranty provided with unit.
- * The warranty period for Teflon/Dura-Tec coatings is one year under normal use and reasonable care. This warranty does not apply if damage occurs to Teflon/Dura-Tec coatings from improper cleaning, maintenance, use of metallic utensils, or abrasive cleaners, abrasive pads, product identifiers and point-of-sale attachments, or any other non-food object that comes in continuous contact with the roller coating. This warranty does not apply to the "non-stick" properties of such materials.
- > This warranty does not apply to "Special Products" but to regular catalog items only. Star's warranty on "Special Products" is six (6) months on parts and ninety (90) days on labor.
- > This warranty does not apply to any item that is disassembled or tampered with for any purpose other than repair by a Star Authorized Service Center or the Service Center's sub-agency.
- > This warranty does not apply if damage occurs from improper installation, misuse, wrong voltage, wrong gas or operated contrary to the Installation and Operating instructions.
- > This warranty is not valid on Conveyor Ovens *unless* a "start-up/check-out" has been performed by a Factory Authorized Technician.

PARTS WARRANTY

Parts that are sold to repair out of warranty equipment are warranted for ninety (90) days. The part only is warranted, the labor to replace the part is **NOT** warranted.

SERVICES NOT COVERED BY WARRANTY

1. Travel time and mileage rendered beyond the 50 mile radius limit
2. Mileage and travel time on portable equipment (*see below*)
3. Labor to replace such items that can be replaced easily during a daily cleaning routine, ie; removable kettles on fryers, knobs, grease drawers on griddles, etc.
4. Installation of equipment
5. Damages due to improper installation
6. Damages from abuse or misuse
7. Operated contrary to the Operating and Installation Instructions
8. Cleaning of equipment
9. Seasoning of griddle plates
10. Voltage conversions
11. Gas conversions
12. Pilot light adjustment
13. Miscellaneous adjustments
14. Thermostat calibration and by-pass adjustment
15. Resetting of circuit breakers or safety controls or reset buttons
16. Replacement of bulbs
17. Replacement of fuses
18. Repair of damage created during transit, delivery, & installation OR created by acts of God

PORTABLE EQUIPMENT

Star will not honor service bills that include travel time and mileage charges for servicing any products considered "Portable" including items listed below. These products should be taken to the Service Agency for repair:

- * The Model 510FD, 510FF Fryer.
- * The Model 526TOA Toaster Oven.
- * The Model J4R, 4 oz. Popcorn Machine.
- * The Model 518CMA & 526CMA Cheese Melter.
- * The Model 12MC & 15MC & 18MCP Hot Food Merchandisers.
- * The Model 12NCPW & 15NCPW Nacho Chip/Popcorn Warmer.
- * All Hot Dog Equipment **except** Roller Grills & Drawer Bun Warmers.
- * All Nacho Cheese Warmers **except** Model 11WLA Series Nacho Cheese Warmer.
- * All Condiment Dispensers **except** the Model HPD & SPD Series Dispenser.
- * All Specialty Food Warmers **except** Model 130R, 11RW Series, and 11WSA Series.
- * All QCS/RCS Series Toasters **except** Model QCS3 & RCS3 Series.
- * All Fast Steamer Models **except** Direct Connect Series.

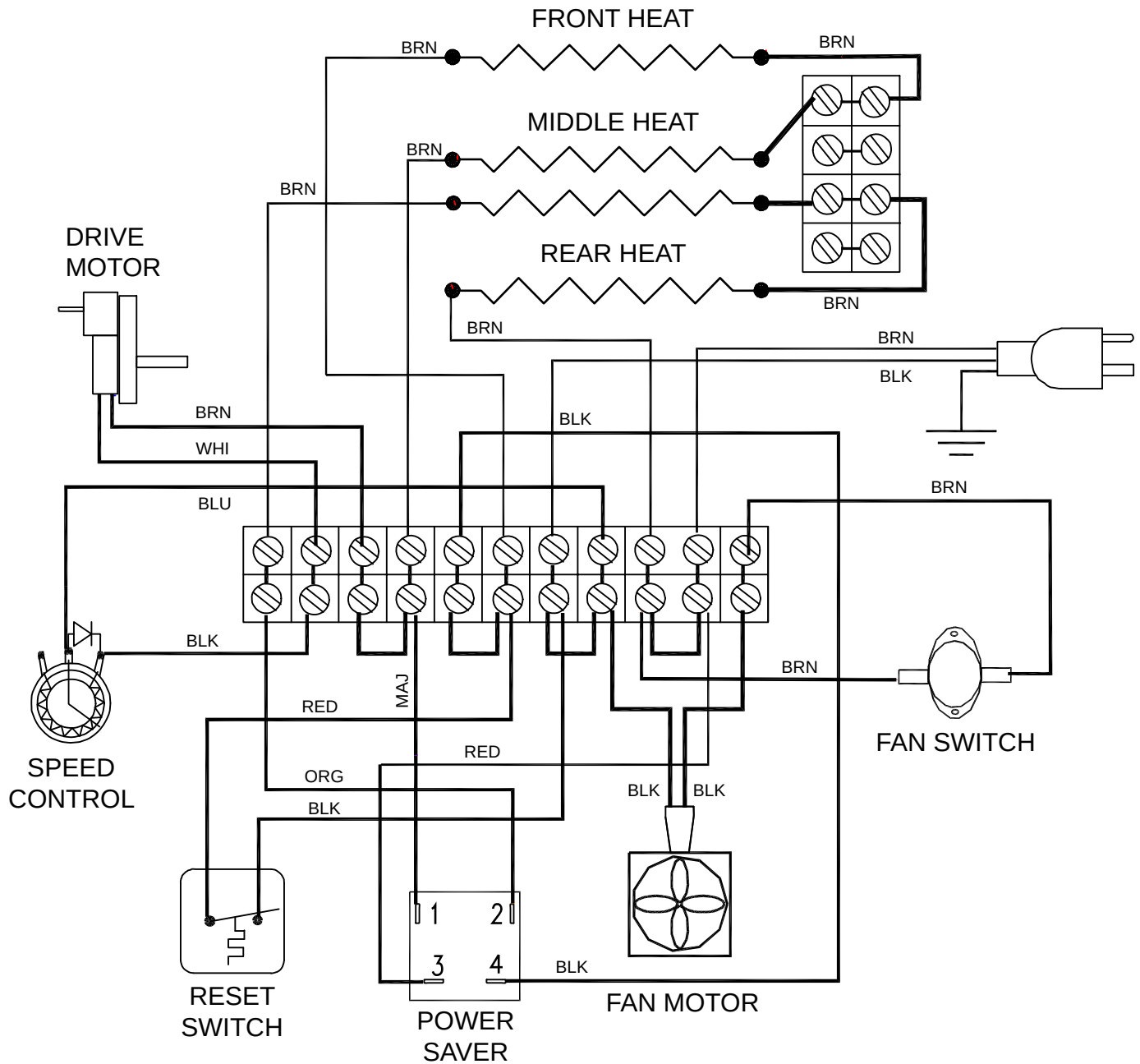
ALL:

- * Pop-Up Toasters
- * Butter Dispensers
- * Pretzel Merchandisers (Model 16PD-A Only)
- * Pastry Display Cabinets
- * Nacho Chip Merchandisers
- * Accessories of any kind
- * Sneeze Guards
- * Pizza Ovens (Model P012 Only)
- * Heat Lamps
- * Pumps-Manual

The foregoing warranty is in lieu of any and all other warranties expressed or implied and constitutes the entire warranty.

FOR ASSISTANCE

Should you need any assistance regarding the Operation or Maintenance of any Star equipment; write, phone, fax or email our Service Department. In all correspondence mention the Model number and the Serial number of your unit, and the voltage or type of gas you are using.

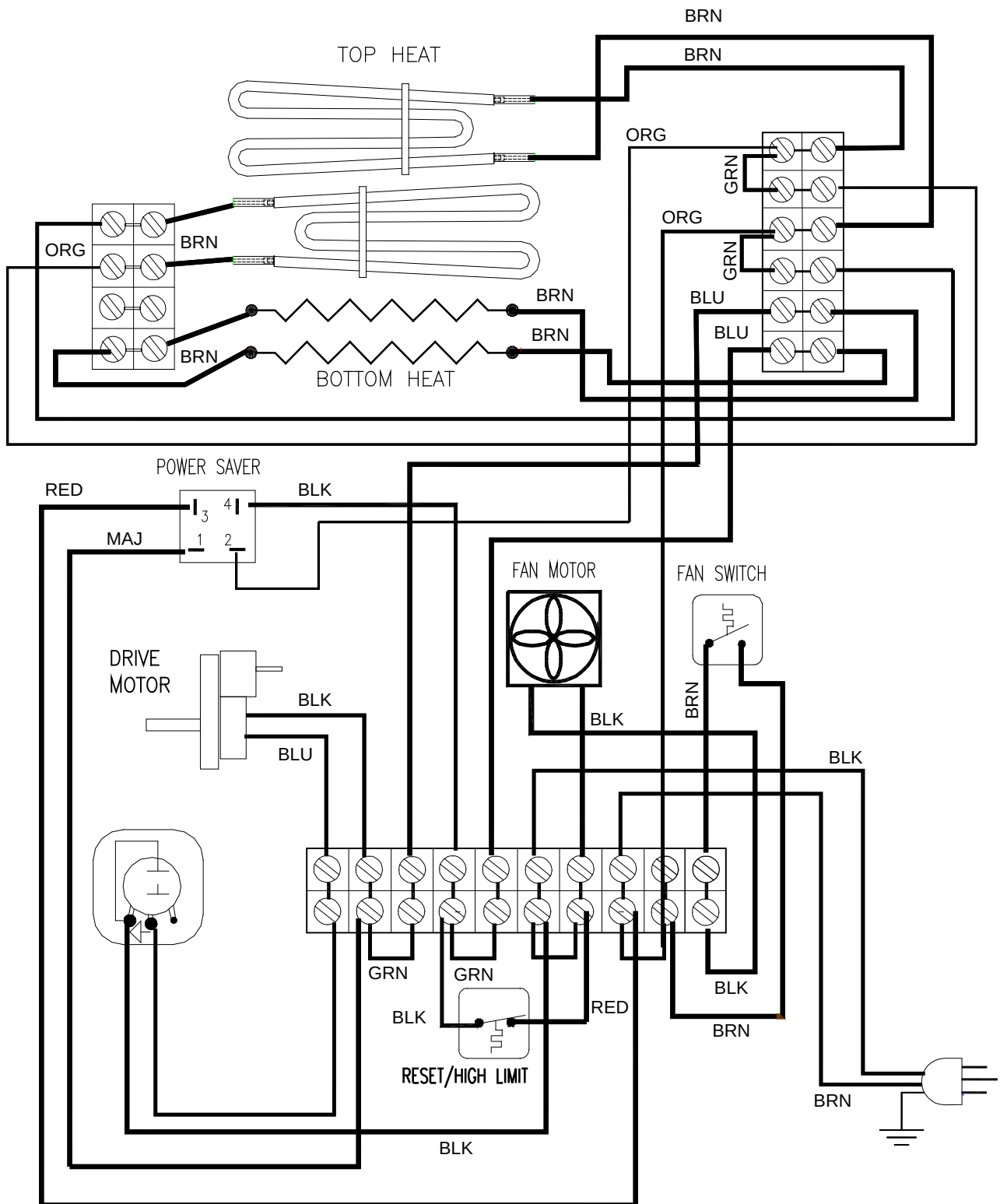


**NOTE: DRIVE MOTOR, FOR 240V USE BLACK AND BLUE WIRES,
FOR 208V USE BLACK & WHITE WIRES.**

THIS DRAWING CONTAINS INFORMATION CONFIDENTIAL TO STAR MFG. INT'L. INC.
NO REPRODUCTION OR DISCLOSURE OF ITS CONTENTS IS PERMITTED.

MODEL: QCS-2-1200B, QCS3-95HNNH, QCS-3-1600B



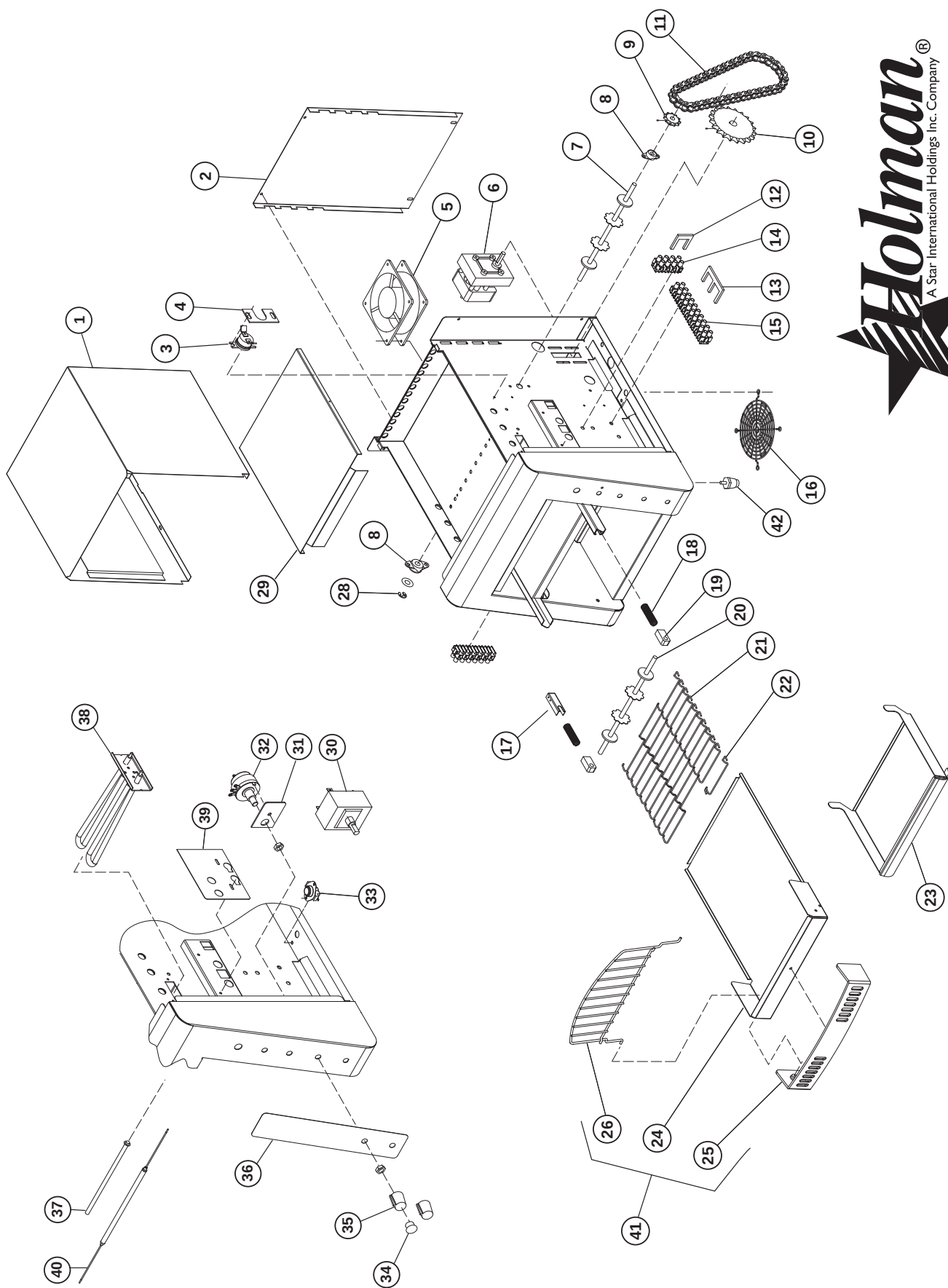


**NOTE: DRIVE MOTOR, FOR 240V USE BLACK AND BLUE WIRES,
FOR 208V USE BLACK & WHITE WIRES.**

THIS DRAWING CONTAINS INFORMATION CONFIDENTIAL TO STAR MFG. INT'L. INC.
NO REPRODUCTION OR DISCLOSURE OF ITS CONTENTS IS PERMITTED.

WIRING DIAGRAM - RCS-2 1200B SERPENTINE
WIRE DIAGRAM 208/220/240 VOLT, SIRED SERIES





MODEL: QCS/RCS-2-1200B, 1600B CONVEYOR TOASTER

THIS DRAWING CONTAINS INFORMATION CONFIDENTIAL TO STAR MFG. INT'L. INC.
NO REPRODUCTION OR DISCLOSURE OF ITS CONTENTS IS PERMITTED.

PARTS LIST

August 31, 2012, Rev. I

QCS-2-1200B Conveyor Toasters

Key Number	Part Number	Number Per Unit	Description
1	HC-101370	1	ENCLOSURE
2	HF-402449	1	PANEL, BACK
3	2E-200574	1	SWITCH, FAN CERAMIC
4	HG-402144	1	BRACKET, FAN SWITCH
5	2U-200561	1	MOTOR, FAN
6	2U-200509	1	MOTOR, DRIVE, FAN NOT INCLUDED 60 Hz
	2U-200590	1	MOTOR, DRIVE, FAN NOT INCLUDED 50 Hz
	2R-Z8879	1	FAN BLADE, DRIVE MOTOR
7	2A-202900	1	SHAFT, DRIVE
8	HA-112261	2	BUSHING, REAR
9	2P-Z8779	1	SPROCKET, DRIVEN (25B11 X 5/16")
10	2P-200648	1	SPROCKET, DRIVE (25B32 X 5/16")
11	2P-150015	1	CHAIN, DRIVE
12	2P-115501	4	JUMPER, TERMINAL BLOCK, SMALL, 2 POS.
13	2P-115502	1	JUMPER, TERMINAL BLOCK, SMALL, 3 POS.
14	HC-115381	1	BLOCK, TERMINAL, 4 POS.
15	HG-115389	1	BLOCK, TERMINAL, 11 POS.
16	2R-200562	1	GUARD, FAN MOTOR
17	2A-Z9394	2	SPRING BRACKETS
18	2P-200736	2	2" BEARING SPRING
19	2P-200700	2	BEARING, FRONT TEFLON
20	2A-202904	1	SHAFT, IDLER
21	SP-160027	1	BELT, CONVEYOR (10" X 35 1/2")
	2B-200601	1	LINK, CONVEYOR BELT
23	HA-100560	1	TRAY, PULL-OUT
24	HC-402457	1	CRUMB TRAY
25	2R-200787	1	CRUMB TRAY GUARD
Crumb Tray Mounting Hardware			
	2C-200067	3	SCREW, 6-32 X 1/4 PHIL TRUSS SS
	2C-200101	3	WASHER, #6 LOCK MED SS
26	2B-200763	1	LOAD-UP WIRE RACK
28	2A-200284	1	E-CLIP
29	HD-100571	1	BAFFLE, AIR FLOW
30	2E-200551	1	SWITCH, ROTARY POWER SAVER
31	2P-402728	1	ANTI-SPIN PLATE
32	SP-118002	1	SWITCH, SPEED CONTROL, 250 OHM
33	2E-200566	1	SWITCH, HIGH LIMIT RESET
34	2R-200708	2	CAP, KNOB
35	2R-200768	1	KNOB, SPEED CONTROL
35	2R-200769	1	KNOB, POWERSAVER
36	2M-200897	1	LABEL, CONTROL PANEL QCS
39	HG-402533	1	RETAINER, ELEMENT QCS
40	HG-198062	4	HEATER TUBE, QUARTS 208V
	HG-198063	4	HEATER TUBE, QUARTS 220V
	HG-198064	4	HEATER TUBE, QUARTS 240V
41	HF-101115	1	CRUMB TRAY ASSEMBLY QCS-2
	2C-200067	3	SCREW 6-32 X 1/4 THP SS
	2C-200101	3	WASHER #6 SPLIT SS
42	2R-200709	4	LEG, 1" CHROME PLASTIC
NOT ILLUSTRATED			
	2E-200387	1	CORD, FAN TO TERMINAL PLUG
	2R-Z8879	1	FAN BLADE, DRIVE MOTOR
	2E-Y7874	1	CORD SET, POWER, CEE7/VI 220V
	HG-140024	1	CORD SET, POWER 208V, 240V
	2K-200465	1	BUSHING, CORD HEYCO
	1P-Z12397	AR	EXTREME PRESSURE MULTIPURPOSE SYNTHETIC GREASE (80°F TO 400°F) , TUBE 4 oz.

**IMPORTANT: WHEN ORDERING, SPECIFY VOLTAGE OR TYPE GAS DESIRED
INCLUDE MODEL AND SERIAL NUMBER**

PAGE 1
OF 1

Some items are included for illustrative purposes only and in certain instances may not be available.



QCS-3-1600B

Conveyor Toasters

Key Number	Part Number	Number Per Unit	Description
1	HC-101371	1	ENCLOSURE
2	HH-402470	1	PANEL, BACK QCS3
3	2E-200574	1	SWITCH, FAN CERAMIC
4	HG-402144	1	BRACKET, FAN SWITCH
5	2U-200561	1	MOTOR, FAN
6	2U-200509	1	MOTOR, DRIVE, FAN NOT INCLUDED 60 Hz
	2U-200590	1	MOTOR, DRIVE 3286 BB, LOW, FAN NOT INCL. 50 Hz
	2R-Z8879	1	FAN BLADE, DRIVE MOTOR
7	2A-202902	1	SHAFT, DRIVE
8	HA-112261	2	BUSHING, REAR
9	2P-Z8779	1	SPROCKET, DRIVEN (25B11 X 5/16")
10	2P-200648	1	SPROCKET, DRIVE (25B32 X 5/16")
11	2P-150015	1	CHAIN, DRIVE
12	2P-115501	4	JUMPER, TERMINAL BLOCK, SMALL, 2 POS.
13	2P-115502	1	JUMPER, TERMINAL BLOCK, SMALL, 3 POS.
14	HC-115381	1	BLOCK, TERMINAL, 4 POS.
15	HG-115389	1	BLOCK, TERMINAL, 11 POS.
16	2R-200562	1	GUARD, FAN MOTOR
17	2A-Z9394	2	SPRING BRACKET
18	2P-200736	2	2" BEARING SPRING
19	2P-200700	2	BEARING, FRONT TEFLON
20	2A-202905	1	SHAFT, IDLER
21	SP-160028	1	BELT, CONVEYOR (14" X 35 1/2")
	2B-200602	1	LINK, CONVEYOR BELT 14"
22	2B-200603	3	LINK, MASTER CONVEYOR BELT
23	HA-100561	1	TRAY, PULL-OUT QCS3
24	HH-402465	1	CRUMB TRAY, QCS-3
25	2R-200788	1	CRUMB TRAY GUARD
Crumb Tray Mounting Hardware			
	2C-200067	3	SCREW, 6-32 X 1/4 PHIL TRUSS SS
	2C-200101	3	WASHER, #6 LOCK MED SS
26	2B-200764	1	LOAD-UP WIRE RACK
28	2A-200284	1	E-CLIP
29	HI-100573	1	BAFFLE, AIR FLOW
30	2E-200551	1	SWITCH, ROTARY POWER SAVER
31	2P-402728	1	ANTI-SPIN PLATE
32	SP-118042	1	SWITCH, SPEED CONTROL ASSY 500 OHM
33	2E-200566	1	SWITCH, HIGH LIMIT RESET
34	2R-200708	2	CAP, KNOB
35	2R-200768	1	KNOB, SPEED CONTROL
35	2R-200769	1	KNOB, POWERSAVER
36	2M-200897	1	LABEL, CONTROL PANEL QCS
39	HG-402533	1	RETAINER, ELEMENT QCS
40	HL-197862	4	HEATER TUBE, QUARTS 208V (All 4 available in kit PS-120299)
	HV-198030	4	HEATER TUBE, QUARTS 220V
	HL-197863	4	HEATER TUBE, QUARTS 240V
41	HI-101116	1	CRUMB TRAY ASSEMBLY QCS-3
	2C-200067	3	SCREW 6-32 X 1/4 THP SS
	2C-200101	3	WASHER #6 SPLIT SS
42	2R-200709	4	LEG, 1" CHROME PLASTIC
NOT ILLUSTRATED			
	2E-200387	1	CORD, FAN TO TERMINAL PLUG
	2R-Z8879	1	FAN BLADE, DRIVE MOTOR
	2E-Y7874	1	CORD SET, POWER, CEE7/VII 240V 50 Hz
	HJ-140027	1	CORD SET, POWER 220V, 240V
	2K-200465	1	BUSHING, CORD HEYCO
	1L-Z12397	1	EXTREME PRESSURE MULTIPURPOSE SYNTHETIC GREASE (80°F TO 400°F) , TUBE 4 oz.

**IMPORTANT: WHEN ORDERING, SPECIFY VOLTAGE OR TYPE GAS DESIRED
INCLUDE MODEL AND SERIAL NUMBER**

PAGE 1
OF 1

Some items are included for illustrative purposes only and in certain instances may not be available.



PARTS LIST

August 31, 2012, Rev. I

RCS-2-1200B Conveyor Toasters

Key Number	Part Number	Number Per Unit	Description
1	HC-101370	1	ENCLOSURE
2	HF-402449	1	PANEL, BACK
3	2E-200574	1	SWITCH, FAN CERAMIC
4	HG-402144	1	BRACKET, FAN SWITCH
5	2U-200561	1	MOTOR, FAN
6	2U-200509	1	MOTOR, DRIVE, FAN NOT INCLUDED
	2R-Z8879	1	FAN BLADE, DRIVE MOTOR
7	2A-202900	1	SHAFT, DRIVE
8	HA-112261	2	BUSHING, REAR
9	2P-Z8779	1	SPROCKET, DRIVEN (25B11 X 5/16")
10	2P-200648	1	SPROCKET, DRIVE (25B32 X 5/16")
11	2P-150015	1	CHAIN, DRIVE
12	2P-115501	6	JUMPER, TERMINAL BLOCK, SMALL, 2 POS.
13	2P-115502	1	JUMPER, TERMINAL BLOCK, SMALL, 3 POS.
14	HK-115388	1	TERMINAL BLOCK, 6 POSITION
	HQ-135553	1	WIRE HARNESS w/6 POS. TERMINAL BLOCK
	HC-115381	1	TERMINAL BLOCK, 4 POSITION
	2E-135676	1	WIRE HARNESS w 4 POS. TERMINAL BLOCK
15	HC-115390	1	TERMINAL BLOCK, 10 POSITION
	HQ-135603	1	WIRE HARNESS w/ 10 POS. TERMINAL BLOCK
16	2R-200562	1	GUARD, FAN MOTOR
17	2A-Z9394	2	SPRING BRACKET
18	2P-200736	2	2" BEARING SPRING
19	2P-200700	2	BEARING, FRONT TEFLON
20	2A-202904	1	SHAFT, IDLER
21	SP-160027	1	BELT, CONVEYOR (10" x 35 1/2")
	2B-200601	1	LINK, CONVEYOR BELT
23	HA-100560	1	TRAY, PULL-OUT
24	HC-402457	1	CRUMB TRAY
25	2R-200787	1	CRUMB TRAY GUARD
Crumb Tray Mounting Hardware			
	2C-200067	3	SCREW, 6-32 X 1/4 PHIL TRUSS SS
	2C-200101	3	WASHER, #6 LOCK MED SS
26	2B-200763	1	LOAD-UP WIRE RACK
27	HQ-135553	1	WIRING HARNESS, BF700
28	2A-200284	1	E-CLIP
29	HD-100571	1	BAFFLE, AIR FLOW
30	2E-200551	1	SWITCH, ROTARY POWER SAVER
31	2P-402728	1	ANTI-SPIN PLATE
32	SP-118002	1	SWITCH, SPEED CONTROL, 250 OHM
33	2E-200566	1	SWITCH, HIGH LIMIT RESET
34	2R-200708	2	CAP, KNOB
35	2R-200768	1	KNOB, SPEED CONTROL
	2R-200769	1	KNOB, POWERSAVER
36	2M-201810	1	LABEL, CONTROL PANEL
37	SEE TABLE		ELEMENT, METAL
38	SEE TABLE		ELEMENT, SERPENTINE
39	HG-402789	1	RETAINER, ELEMENT
41	HF-101115	1	CRUMB TRAY ASSEMBLY
	2C-200067	3	SCREW 6-32 X 1/4 THP SS
	2C-200101	3	WASHER #6 SPLIT SS
42	2R-200709	4	LEG, 1" CHROME PLASTIC
NI	2E-200387	1	CORD, FAN TO TERMINAL PLUG
NI	2R-Z8879	1	FAN BLADE, DRIVE MOTOR
NI	2B-200600	1	LINK, CONVEYOR BELT
NI	HF-140070	1	CORD SET, POWER, 20 AMP
NI	2E-200384	1	CORD SET, POWER, 30 AMP
NI	2K-200465	1	BUSHING, CORD HEYCO
NI	1L-Z12397	1	EXTREME PRESSURE MULTIPURPOSE SYNTHETIC GREASE (80°F TO 400°F) , TUBE 4 oz.
NI	2P-200786	1	WIRE BRUSH

Manufactured Before 7/20/2004
Manufactured Before 7/20/2004

QCS-2

R2-12BA

R2-12BASH

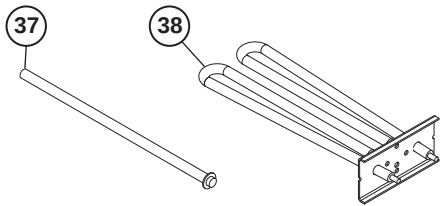
R2-12BA-V02,V04

Some items are included for illustrative purposes only and in certain instances may not be available.



RCS Conveyor Toasters
HEATER TUBES

Key Number	Description	Part Number	Number Per Unit
38	HEATER TUBE METAL, TOP 208V	2N-209114	2
37	HEATER TUBE METAL, BOTTOM 208V	2N-209198	2
38	HEATER TUBE METAL, TOP 220V	2N-209113	2
37	HEATER TUBE METAL, BOTTOM 220V	2N-209192	2
38	HEATER TUBE METAL, TOP 240V	2N-209112	2
37	HEATER TUBE METAL, BOTTOM 240V	2N-209194	2



RCS HEATER TUBES

STAR INTERNATIONAL HOLDINGS INC. COMPANY

Star - Holman - Lang - Wells - Bloomfield - Toastmaster

10 Sunnen Drive, St. Louis, MO 63143 U.S.A.

(314) 678-6303

www.star-mfg.com

