



TECHNICAL **DIAGRAMS**



ITQ-1750-2C

01706 353 633

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**IMPORTANT NOTE:**

Locate the Specification Label on unit to determine exact Model Name and electrical specifications. This information is needed to identify the correct replacement parts. See exploded view illustration(s) for Specification Label location.

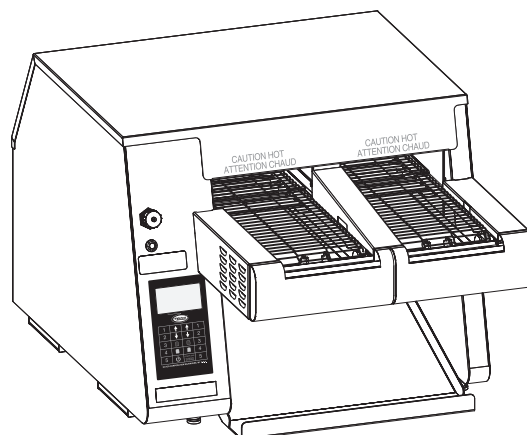
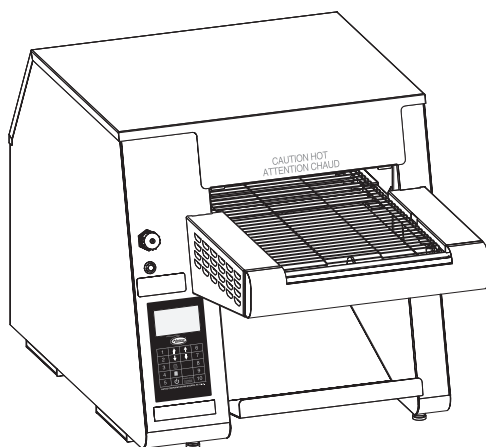
⚠ CAUTION

Use of replacement parts other than those supplied by Hatco Corporation may result in damage to unit or injury to personnel and will void all warranties.

Intelligent Toast-Qwik® Conveyor Toaster

ITQ Series

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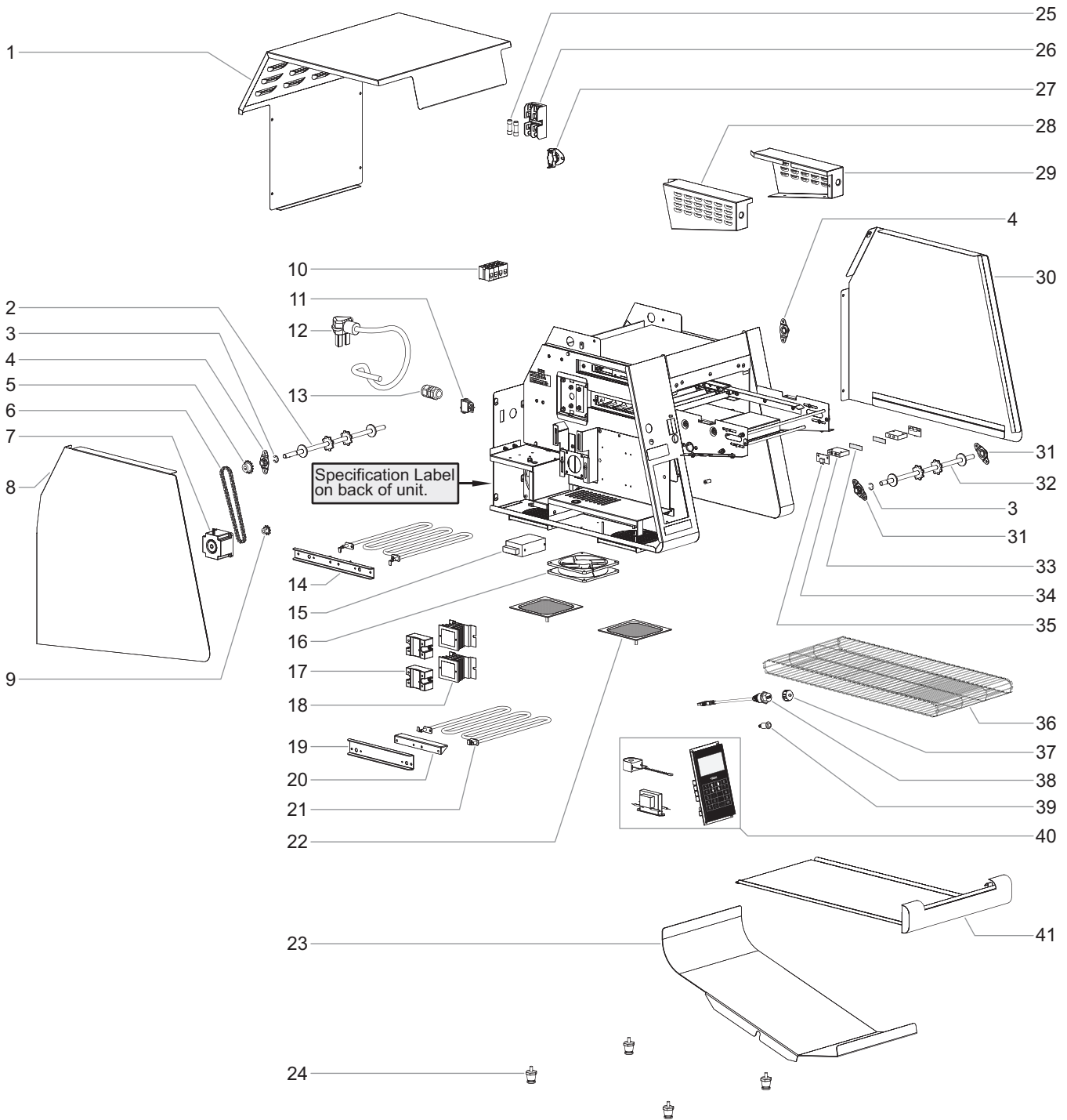


Replacement Parts List

**INTELLIGENT TOAST-QWIK®
CONVEYOR TOASTER**
Model ITQ-1000-1C

Model Designation
ITQ - XXXX - XC

1C = Single Conveyor
2C = Dual Conveyor
Model Number
Intelligent Toast-Qwik
Conveyor Toaster



PARTS FOR MODEL ITQ-1000-1C

Item	Description	Part Number	Qty.
1	Top Cover	04.05.920.00	1
2	Drive Shaft Assembly	04.05.932.00	1
3	E-Ring	05.11.035.00	2
4	Bearing Assembly, Rear	04.05.286.00	2
5	Driven Sprocket	05.09.062.00	1
6	Drive Chain	05.03.070.00	1
7	Stepper Motor, Conveyor	02.12.121.00	1
8	Side Cover, Left	04.05.958.00	1
9	Drive Sprocket	05.09.061.00	1
10	Terminal Block	R02.15.047.00	1
11	Power Switch, Rocker	02.19.161.00	1
12	Power Cord w/Plug		
	NEMA 6-30P (standard)	02.18.122.00	1
	NEMA L6-30P (optional)	02.18.150.00	1
13	Cord Grip	R02.20.259.00	1
14	Bracket, Top Element	04.05.940.00	1
15	Power Supply	02.17.064.00	1
16	Fan, Cooling	02.12.125.00	2
17	Solid State Relay	R02.01.355.00	2
18	Heat Sink, Relay	04.09.872.00	2
19	Bracket, Bottom Element	04.05.897.00	1
20	Belt Support, Element Bracket	04.05.874.00	1
21	Heating Element, 2150 W	02.05.886.00	2

Item	Description	Part Number	Qty.
22	Filter, Wire Mesh	R02.12.138.00	2
23	Toast Chute	04.05.921.00	1
24	Leg, 1"	R05.30.081.00	4
25	Fuse, 250 V, 15 A (includes 2)	R02.03.052.02	1
26	Fuse Block	02.03.022.00	1
27	High Limit Thermostat	R02.16.118.00	1
28	Side Cover, Conveyor, Left	04.05.828.00	1
29	Side Cover, Conveyor, Right	04.05.829.00	1
30	Side Cover, Right	04.05.959.00	1
31	Bearing Assembly, Front	04.05.387.00	2
32	Shaft Assembly, Front	04.05.933.00	1
33	Sensor Cover ‡	07.03.789.00	2
34	Sensor Block ‡	04.56.198.00	2
35	Product Sensor Kit (includes 2 sensors and 2X items 33 and 34)	R02.01.368.00	1
36	Conveyor Belt	05.03.069.00	1
37	Waterproof Cap, USB	02.18.513.00	1
38	USB Cable	02.18.478.00	1
39	Indicator Light, Red	02.19.151.00	1
40	Electronic Touchpad Control Kit *	R02.01.385A.00	1
41	Crumb Tray	R04.56.006.00	1
42	Filter Retrofit Kit (not shown) †	R04.56.145.00	1
	Wiring Diagram	10-01-1069	

‡ Included with Product Sensor (Item 35).

* Electronic Control Kit contains electronic control, current sensor, and 24 V transformer. Failure of any one of these components requires replacement of all three.

† Filter Retrofit Kit can be ordered for units with date code 1343 and older to replace old-style foam filters with current wire mesh filters.

NOTE: All electrical components on Model ITQ-1000-1C are designed to operate on supply voltages between 208 V and 240 V.

NOTE: The last four digits in a ten digit numerical serial number are the manufacturing date code.

Example: Serial number 962506**1331** has a date code of "1331" which indicates the following: 1331

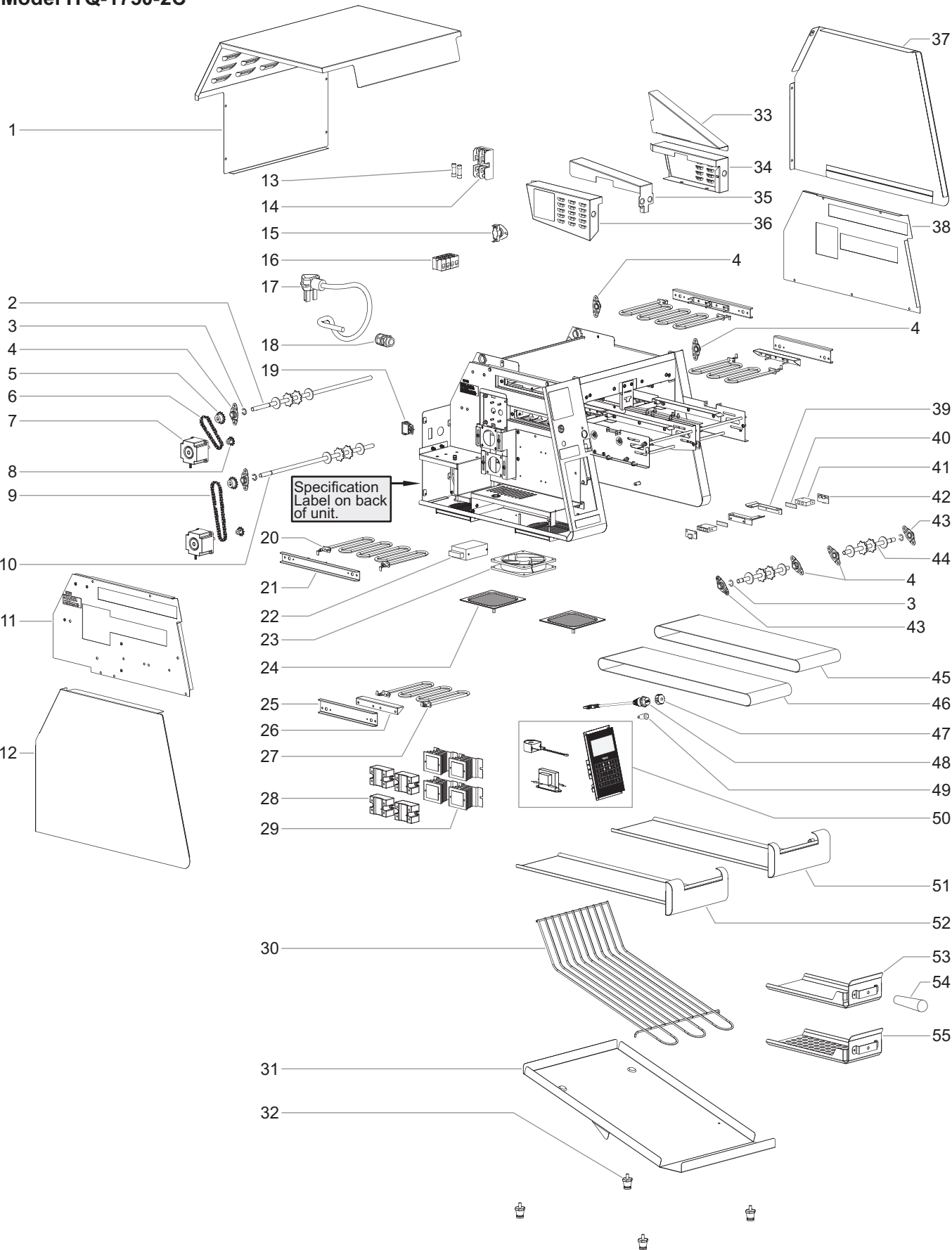
└─ Week Thirty-One
└─ Year 2013

ITQ Error Message Reference Guide

Error Message	Troubleshooting	Corrective Action (if Troubleshooting fails to fix)
XX Element Out	Verify all wire connections on relay. Check resistance across broken heating element.	Replace heating element.
Cooling Fan Out	Check for fan blockage. Check fan connection to board.	Replace cooling fan.
AC Power In	Check incoming voltage (should be 208 or 240 VAC). Check transformer connection to board.	Replace electronic touchpad control, current sensor, and transformer (Electronic Touchpad Control Kit).
Current Sensor Stuck	Verify proper wiring. Check current sensor connection to board.	Replace electronic touchpad control, current sensor, and transformer (Electronic Touchpad Control Kit).
Board Temp too High	Check for cooling fan blockage. Clean fan filters.	Replace electronic touchpad control, current sensor, and transformer (Electronic Touchpad Control Kit).
Touch Panel Error		Replace electronic touchpad control, current sensor, and transformer (Electronic Touchpad Control Kit).

INTELLIGENT TOAST-QWIK® CONVEYOR TOASTER

Model ITQ-1750-2C



PARTS FOR MODEL ITQ-1750-2C

Item	Description	Part Number	Qty.
1	Top Cover	04.56.098.00	1
2	Drive Shaft Assembly, Left	04.56.116.00	1
3	E-Ring	05.11.035.00	4
4	Bearing Assembly	04.05.286.00	6
5	Driven Sprocket	05.09.062.00	2
6	Drive Chain, 8.5"	05.03.075.00	1
7	Stepper Motor, Conveyor	02.12.121.00	2
8	Drive Sprocket	05.09.061.00	2
9	Drive Chain, 13"	05.03.074.00	1
10	Drive Shaft Assembly, Right	04.56.117.00	1
11	Insulation Cover, Left	04.05.973.00	1
12	Side Cover, Left	04.05.988.00	1
13	Fuse, 250 V, 15 A (includes 2)	R02.03.052.02	2
14	Fuse Block	02.03.022.00	1
15	High Limit Thermostat	R02.16.118.00	1
16	Terminal Block	R02.15.047.00	1
17	Power Cord w/Plug		
	NEMA 6-30P (standard)	02.18.122.00	1
	NEMA L6-30P (optional)	02.18.150.00	1
18	Cord Grip	R02.20.259.00	1
19	Power Switch, Rocker	02.19.161.00	1
20	Heating Element, Upper, 1500 W		
	208 V	02.05.825.00	2
	240 V	02.05.887.00	2
21	Bracket, Top Element	04.05.975.00	1
22	Power Supply	02.17.064.00	1
23	Fan, Cooling	02.12.125.00	2
24	Filter, Wire Mesh	R02.12.138.00	2
25	Bracket, Bottom Element	04.05.897.00	2
26	Belt Support, Element Bracket	04.05.874.00	2
27	Heating Element, Lower, 980 W		
	208 V	02.05.872.00	2
	240 V	02.05.888.00	2

Item	Description	Part Number	Qty.
28	Solid State Relay	R02.01.355.00	4
29	Heat Sink, Relay	04.09.872.00	4
30	Toast Chute Slide	04.56.228.00	1
31	Toast Chute	04.56.229.00	1
32	Leg, 1"	R05.30.081.00	4
33	Heat Shield	04.56.199.00	1
34	Side Cover, Conveyor, Right	04.56.123.00	1
35	Center Cover, Conveyor	04.56.106.00	1
36	Side Cover, Conveyor, Left	04.56.122.00	1
37	Side Cover, Right	04.56.127.00	1
38	Insulation Cover, Right	04.05.974.00	1
39	Reflector Bracket	04.56.130.00	2
40	Sensor Cover ‡	07.03.789.00	2
41	Sensor Block ‡	04.56.198.00	2
42	Product Sensor Kit (includes 2 sensors and 2X items 40 and 41)	R02.01.368.00	1
43	Bearing Assembly w/Nut, Front	04.05.387.00	2
44	Shaft Assembly, Front	04.56.115.00	2
45	Conveyor Belt, Right, 45-1-1/2"	05.03.072.00	1
46	Conveyor Belt, Left, 48"	05.03.073.00	1
47	Waterproof Cap, USB	02.18.513.00	1
48	USB Cable	02.18.478.00	1
49	Indicator Light, Red	02.19.151.00	1
50	Electronic Touchpad Control Kit *	R02.01.385B.00	1
51	Crumb Tray, Right	R04.56.100.00	1
52	Crumb Tray, Left	R04.56.099.00	1
53	Food Paddle, Standard	R04.56.182.00	1
54	Handle, Food Paddle	05.30.182.00	1
55	Food Paddle, Perforated	R04.56.183.00	1
56	Filter Retrofit Kit (not shown) †	R04.56.145.00	1
	Wiring Diagram	10-01-1102	

‡ Included with Product Sensor (Item 42).

* Electronic Control Kit contains electronic control, current sensor, and 24 V transformer. Failure of any one of these components requires replacement of all three.

† Filter Retrofit Kit can be ordered for units with date code 1343 and older to replace old-style foam filters with current wire mesh filters.

NOTE: The last four digits in a ten digit numerical serial number are the manufacturing date code.

Example: Serial number 962506**1331** has a date code of "1331" which indicates the following: 1331

└─ Week Thirty-One
└─ Year 2013

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