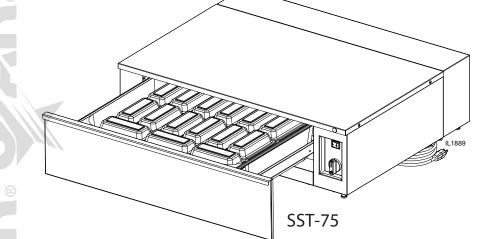


MODEL SST-20 SST-30 SST-50

SST-75

# Installation and Operation Instructions

2M-Z3235 Rev. G 8/2/2010



### 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 Manufacturing 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.		Authorized Service Agent Listing <ul> <li>Reference the listing provided with the unit</li> </ul>	
Serial No.	or		
Voltago	for an update	ed listing go to:	
E-mail		www.star-mfg.com Service@star-mfg.com (800) 807-9054 Local (314) 781-2777	
	Service Hel	p Desk	
	Business Hours:	8:00 am to 4:30 p.m. Central Standard Time	
	Telephone:	(800) 264-7827 Local (314) 781-2777	
	Fax:	(800) 396-2677 Local (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**

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.

### **INSTALLATION**

This bun warmer is equipped for the voltage shown on the nameplate. It will operate on alternating current only; however, the correct voltage must be applied. The unit should be installed by a qualified installer.



### DO NOT CONNECT TO DIRECT CURRENT (DC).

# **GENERAL OPERATING PROCEDURES**

Using the power switch, turn the unit on. The pilot light on the front of the unit will indicate when the power is on. Select a setting on the thermostat for warming or holding rolls.

To keep the rolls soft and fresh, turn the control knob to a low position. Higher settings should be used only for short periods or preheating the warmer. Keep the drawers as full as possible. When adding new rolls to the drawer, pull the rolls and buns that are left in the drawer toward the front and use them first, giving time for the new rolls to become heated. Do not heat the rolls more than once, as they will not be palatable if reheated. If the rolls dry out, reduce temperature.

**NOTE:** This unit may smoke and have a slight odor when first used. We suggest you turn the thermostat to a high heat position and let unit heat for approximately two (2) hours before using.



### **ELECTRICAL CONNECTIONS**

For your protection, this appliance is equipped with a 3-conductor cord with a grounding type plug. Connect only to a grounding receptacle.

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.



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

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



# CLEANING

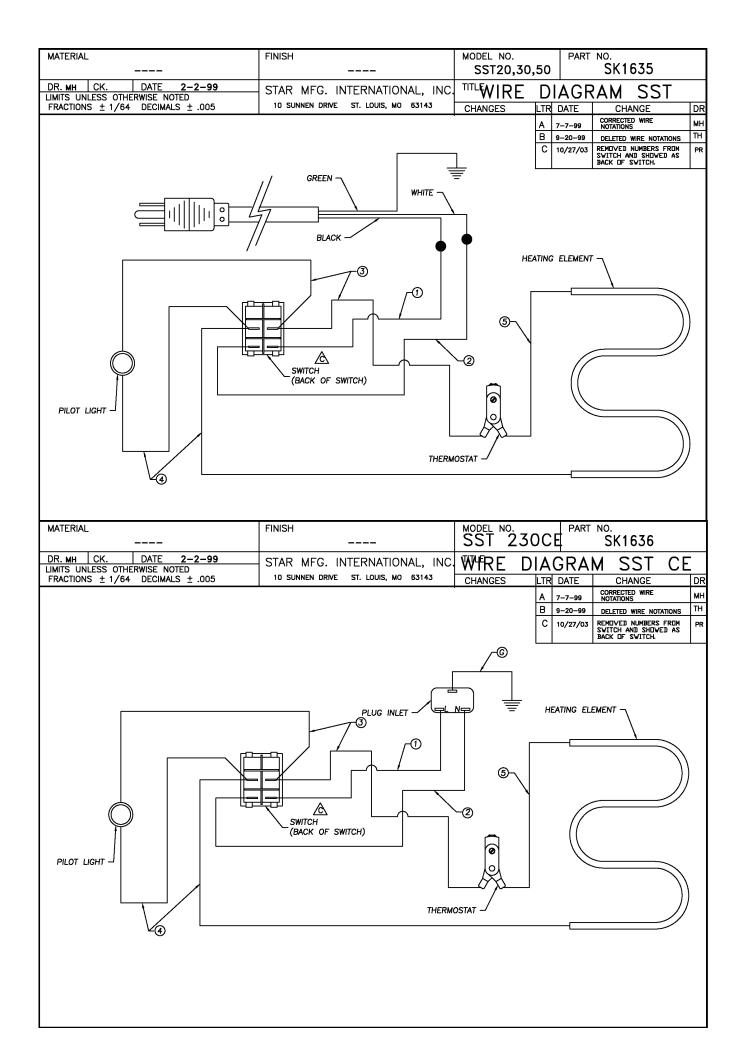
To remove the drawer for cleaning:

- 1. Pull the drawer out until it stops.
- 2. Remove the interior pan.
- 3. Grasp the drawer assembly with both hands.
- 4. Lift the drawer in an upward direction while slowly pulling out.

This will disengage the drawer from the drawer stops. To re-install the drawer, reverse the procedure. The unit should be cleaned with a damp cloth using a mild detergent or non abrasive cleaner. Clean the entire unit daily to ensure long life and satisfactory performance as well as to maintain an attractive appearance. Do not clean with water jet equipment.

## MAINTENANCE AND REPAIRS

Contact the factory, a service representative, or a local service company for service or required maintenance.



#### 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 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 tha 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. Labor to replace the part is chargeable to the customer.

#### SERVICES NOT COVERED BY WARRANTY

- 1. Travel time and mileage rendered beyond the 50 mile radius limit
- Mileage and travel time on portable equipment (see below) 2. 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
- Damages due to improper installation 5.
- Damages from abuse or misuse 6.
- Operated contrary to the Operating and Installation Instructions 7.
- Cleaning of equipment 8. 9. Seasoning of griddle plates

Gas conversions Pilot light adjustment 12. 13. Miscellaneous adjustments

10. Voltage conversions

11.

- Thermostat calibration and by-pass adjustment 14.
- Resetting of circuit breakers or safety controls or reset buttons 15
- Replacement of bulbs 16.
- Replacement of fuses 17.
- 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 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:
- \* Pop-Up Toasters

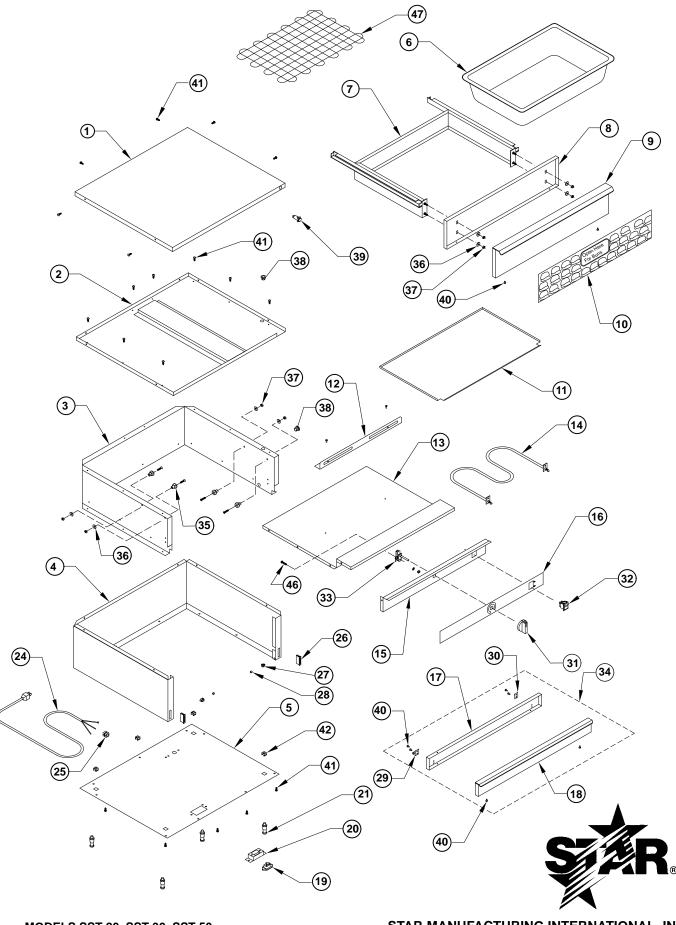
- \* Nacho Chip Merchandisers
- \* Accessories of any kind
- \* Sneeze Guards
- \* Pizza Ovens
- (Model PO12 Only)
- \* Heat Lamps
- \* Pumps-Manual

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.

- \* Butter Dispensers
- \* Pretzel Merchandisers
  - (Model 16PD-A Only)
  - \* Pastry Display Cabinets



MODELS SST-20, SST-30, SST-50

STAR MANUFACTURING INTERNATIONAL, INC. SK1632 REV B

# PARTS LIST

SS	T-20 120V/2	230CI	E Drawer Roll / Bur	Warmer
Fig No	Part No	Qty	Description	Application
1	A4-Z2212	1	ТОР	
2	A4-BW2003	1	LINER-TOP	
3	A4-BW2014	1	LINER-BODY	
4	A4-Z2210	1	BODY	
5	A4-Z3221	1	BOTTOM	
6	2D-Z5898	1	BUN PAN	
7	A4-BW2013	1	DRAWER FRAME ASSEMBLY	
8	A4-Z3328	1	DRAWER LINER	
9	A4-BW2001	1	DRAWER FRONT	
10	2M-Z2231	1	GRAPHIC-DRAWER	
11	A4-Z5892	1	PAN COVER	
12	A4-Z2214	1	ELEMENT SUPPORT	
13	A4-Z2216	1	BOTTOM LINER	
14	2N-Z2235	1	ELEMENT 300 WATTS	SST-20 120V
14	2N-Z2530		ELEMENT 300 WATTS	SST-20 230CE
15	A4-Z2222	1	CONTROL PANEL	
16	2M-Z2232	1	GRAPHIC-CNTRL PANEL	
17	A4-Z2218	1	DOOR LINER	
18	A4-BW2012	1	DOOR ASSY	
19	2E-Z3034	1	PLUG INLET	SST-20 230CE
20	A4-Z2287	1	PLUG INLET HOUSING	SST-20 230CE
21	2R-Z5846	4	FOOT 3/8" STUD, 1" HIGH	
24	E4-403009	1		SST-20 120V
24	2E-Z0512		CORDSET	SST-20 230CE
25	2K-7889	1	CORDSET BUSHING	SST-20 120V
26	2R-Y7330	2	MAGNETIC CATCH	
27	21-Z1894	2	HINGE INSERT	
28	2A-Z2233	2	HINGE SLEEVE	
29	A4-Z2228	1	HINGE BRACKET LEFT	
30	A4-Z2229	1	HINGE BRACKET RIGHT	
31	2R-Z1854	1	CONTROL KNOB	
32	2E-Z1858	1	SWITCH ON/OFF	
32	2E-Z3156	1	SWITCH ON/OFF	230 CE
33	2T-Z2236	1	THERMOSTAT	
34	A4-BW2005	1	DOOR ASSEMBLY COMPLETE	
35	2P-Z0315	4	ROLLER	
36	2C-1810	12	BURR RIVETING	
37	2C-Z0498	8	NUT 10/24 NYLOK	
38	2K-z2895	2	BUSHING SPLIT	

SST-20 120V/230CE Drawer Roll / Bun Warmer					
Fig No	Part No	Qty	Description	Application	
39	2J-Z2329	1	PILOT LIGHT		
39	2J-Z3157	1	PILOT LIGHT	230 CE	
40	2C-Y1451	12	RIVET .125 X .25		
41	2C-6349	34	SCREW #8 X .375 TH NP		
42	2C-Z2642	4	THREADED INSERT	SST-20-120V	
43	2C-1494	1	SCREW 8-32 X 1/2 STL RH		
44	2C-1825	2	WASHER #8 EXT. SHAKEPROOF		
45	2C-2556	2	NUT #8-32		
46	2C-H1578	1	SCREW 8-32 X 1"		
47	2B-Z5847	1	BUN RACK		

### 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.



SST-30 120V/230CE Drawer Roll / Bun Warmer				
Fig No	Part No	Qty	Description	Application
1	A4-Z2270	1	ТОР	
2	A4-BW3003	1	LINER-TOP	
3	A4-BW3013	1	LINER-BODY	
4	A4-Z2268	1	BODY	
5	A4-Z3222	1	BOTTOM	
6	2D-Z5899	1	BUN PAN	
7	A4-BW3012	1	DRAWER FRAME ASSEMBLY	
8	Z4-Z3322	1	DRAWER LINER	
9	A4-BW3001	1	DRAWER FRONT	
10	2M-Z2286	1	GRAPHIC-DRAWER	
11	A4-Z5893	1	PAN COVER	
12	A4-Z2272	1	ELEMENT SUPPORT	
13	A4-Z2274	1	BOTTOM LINER	
14	2N-Z2283	1	ELEMENT 400 WATTS	SST-30 120V
14	2N-Z2389		ELEMENT 400 WATTS	SST-30 230CE
15	A4-Z2280	1	CONTROL PANEL	
16	2M-Z2284	1	GRAPHIC-CONTROL PANEL	
17	A4-Z2276	1	DOOR LINER	
18	A4-BW3011	1	DOOR ASSY	
19	2E-Z3034	1	PLUG INLET	SST-30 230CE
20	A4-Z2287	1	PLUG INLET HOUSING	SST-30 230CE
21	2R-Z5846	4	FOOT 3/8" STUD, 1" HIGH	
24	E4-403009	1	CORDSET	SST-30 120V
24	2E-Z0512	1	CORDSET	SST-30 230CE
25	2K-7889	1	CORDSET BUSHING	SST-30 120V
26	2R-Y7330	2	MAGNETIC CATCH	
27	21-Z1894	2	HINGE INSERT	
28	2A-Z2233	2	HINGE SLEEVE	
29	A4-Z2228	1	HINGE BRACKET LEFT	
30	A4-Z2229	1	HINGE BRACKET RIGHT	
31	2R-Z1854	1	CONTROL KNOB	

# MODEL SST-30 120V/230CE Drawer Roll / Bun Warmer

SS	T-30 120V	/230	CE Drawer Roll / Bu	n Warmer
Fig No		Qty	Description	Application
32	2E-Z1858	1	SWITCH ON/OFF	
33	2T-Z2236	1	THERMOSTAT	
34	A4-BW3005	1	DOOR ASSEMBLY COMPLETE	
35	2P-Z0315	4	ROLLER	
36	2C-1810	12	BURR RIVETING	
37	2C-Z0498	8	NUT 10-24 NYLOK	
38	2K-Z2895	2	BUSHING SPLIT	
39	2J-Z2329	1	PILOT LIGHT	
40	2C-Y1451	12	RIVET .125 X .25	
41	2C-6349	34	SCREW #8 X .375 TH NP	
42	2C-Z2642	4	THREADED INSERT	SST-30-120V
43	2C-1494	1	SCREW 8-32 X 1/2 STL RH	
44	2C-1825	2	WASHER #8 EXT. SHAKEPROOF	
45	2C-2556	2	NUT #8-32	
46	2C-H1578	1	SCREW 8-32 X 1"	
47	2B-Z5847	1	BUN RACK	

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

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MODEL: SST-50 120V/230CE Drawer Roll / Bun Warmer

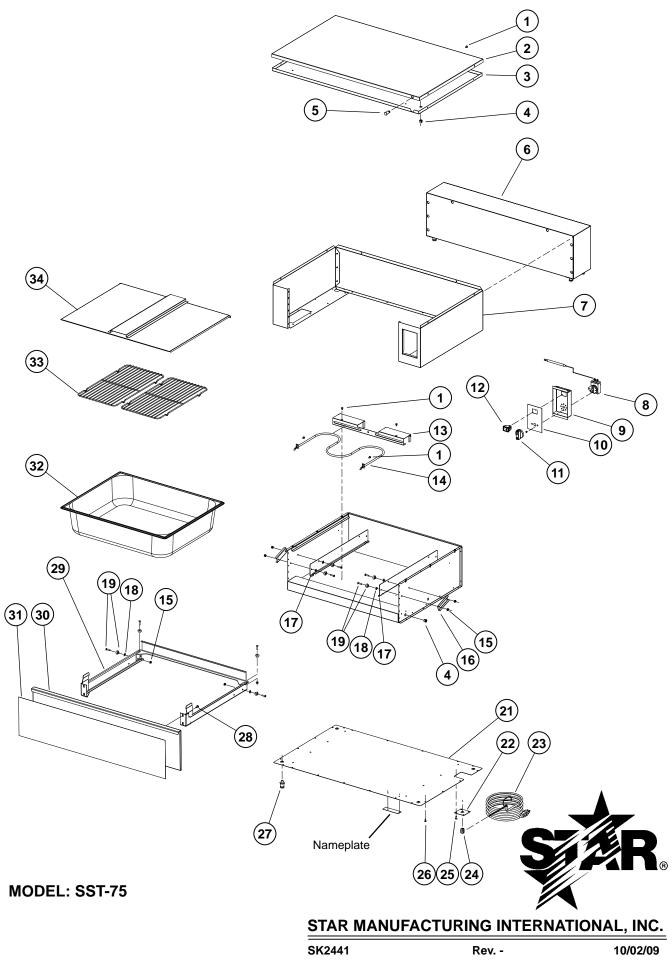
S	SST-50 120V/230CE Drawer Roll / Bun Warmer					
Fig No	Part No	Qty	Description	Application		
1	A4-Z2310	1	ТОР			
2	A4-BW5003	1	LINER-TOP			
3	A4-BW5011	1	LINER-BODY			
4	A4-Z2308	1	BODY			
5	A4-Z3223	1	BOTTOM			
6	2D-Z5898	2	BUN PAN			
7	A4-BW5010	1	DRAWER FRAME ASSEMBLY			
8	A4-Z3316	1	DRAWER LINER			
9	A4-BW5032	1	DRAWER FRONT ASY			
10	2M-Z2326	1	GRAPHIC-DRAWER			
11	A4-Z5894	1	PAN COVER			
12	A4-Z2272	1	ELEMENT SUPPORT			
13	A4-Z2314	1	BOTTOM LINER			
14	2N-Z2324	1	ELEMENT 600 WATTS	SST-50 120V		
14	2N-Z2312		ELEMENT 600 WATTS	SST-50 230CE		
15	A4-Z2320	1	CONTROL PANEL			
16	2M-Z2327	1	GRAPHIC-CONTROL PANEL			
17	A4-Z2316	1	DOOR LINER			
18	A5-BW5009	1	DOOR ASSY			
19	2E-Z3034	1	PLUG INLET	SST-50 230CE		
20	A4-Z2287	1	PLUG INLET HOUSING	SST-50 230CE		
21	2R-Z5846	4	FOOT 3/8" STUD, 1" HIGH			
24	E4-403009	1	CORDSET	SST-50 120V		
24	2E-Z0512		CORDSET	SST-50 230CE		
25	2K-7889	1	CORDSET BUSHING	SST-50 120V		
26	2R-Y7330	2	MAGNETIC CATCH			
27	21-Z1894	2	HINGE INSERT			
28	2A-Z2233	2	HINGE SLEEVE			
29	A4-Z2228	1	HINGE BRACKET LEFT			
30	A4-Z2229	1	HINGE BRACKET RIGHT			
31	2R-Z1854	1	CONTROL KNOB			
32	2E-Z1858	1	SWITCH ON/OFF			
33	2T-Z2236	1	THERMOSTAT			

S	SST-50 120V/230CE Drawer Roll / Bun Warmer					
Fig No	Part No	Qty	Description	Application		
34	A4-BW5005	1	DOOR ASSEMBLY COMPLETE			
35	2P-Z0315	4	ROLLER			
36	2C-1810	12	BURR RIVETING			
37	2C-Z0498	8	NUT 10-24 NYLOK			
38	2K-Z2895	2	BUSHING SPLIT			
39	2J-Z2329	1	PILOT LIGHT			
40	2C-Y1451	12	RIVET .125 X .25			
41	2C-6349	34	SCREW #8 X .375 TH NP			
42	2C-Z2642	4	THREADED INSERT	SST-50-120V		
43	2C-1494	1	SCREW 8-32 X 1/2 STL RH			
44	2C-1825	2	WASHER #8 EXT. SHAKEPROOF			
45	2C-2556	2	NUT #8-32			
46	2C-H1578	1	SCREW 8-32 X 1"			
47	2B-Z5847	1	BUN RACK			

IMPORTANT: WHEN ORDERING, SPECIFY VOLTAGE OR TYPE GAS DESIRED INCLUDE MODEL AND SERIAL NUMBER PAGE 1 OF 1

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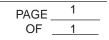


# PARTS LIST

SST-75 120V/230CE Drawer Roll / Bun Warmer

Fig No	Part No.	-75 120V/230CE Drawer Roll / Bun Wa Description	Qty	Application
-		-		Application
1	2C-6349	SCREW #8X3/8 B THP STL NP	10	
2	A4-Z11900		1	
3	A4-BW5020	TOP LINER ASSEMBLY	1	
4	2K-Z2895	BUSHING HEYCO OCB-500	2	_
5	2J-Z2329	PILOT LIGHT	1	
	2J-Z3157	PILOT LIGHT 250V AMBER		230CE
6	8A-75BWST	BUN WARMER SHELF TALL, ACCESSORY		
7	A4-BW5018	BODY WRAP ASSEMBLY	1	
8	2T-Y9113	THERMOSTAT	1	_
9	A4-Z11909	CONTROL HOUSING	1	
10	2M-Z11956	OVERLAY - SST	1	
11	2R-Z4621	KNOB, 1-3/4250"D"HOLE	1	
12	2E-Z1858	SWITCH-LIGHTED	1	
13	A4-Z11947	ELEMENT BRACKET	1	
14	2N-Z2312	ELEMENT 230V/600W	1	230CE
14	2N-Z2324	ELEMENT	I	
16	2C-Z4248	NUT 10-24 NYLK SS	11	
16	E9-Z3987	ROLLER SUPPORT DW/N	2	
17	A4-Z11895	SLIDE RAIL	2	
18	2C-1810	WASHER 3/16 BURR STL NP	4	
19	2P-Z0315	BEARING-TRACK	4	
21	A4-Z11897	BOTTOM	1	
00	A4-Z11970-1	POWER INLET POCKET	4	230CE
22	A4-Z11970-2	POWER INLET PLATE	1	
	2E-Z0512	CORD SET, CONT. EUR 10A	4	230CE
23	2E-Z11975	CORDSET 18-3 5-15 PO	1	
24	2K-7889	BUSHING HEYCO SR-11-2	1	
25	2C-1513	SCREW 10-24X1/2 RHP SS	4	
26	2C-Z6925	SCREW #8X1/2 HEXW B SS	37	
27	2R-Z5846	FOOT-ROLLER GRILLS	4	
28	2C-Z4063	SCREW 10-24X1/2 SS THP	4	
29	A4-BW5017	DRAWER FRAME ASSEMBLY	1	
30	A4-BW5021	DRAWER FACE ASSEMBLY	1	
31	2M-Z12029	GRAPHIC, DRAWER FRONT	1	
32	2D-Z11949	STEAM PAN - DOUBLE 6"	1	
33	2B-Z5848	BUN RACK (LARGE)	2	
34	A4-Z11899	PAN COVER	1	
NI	2E-Z3034	IEC CORD INLET HOT	1	230CE

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



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

