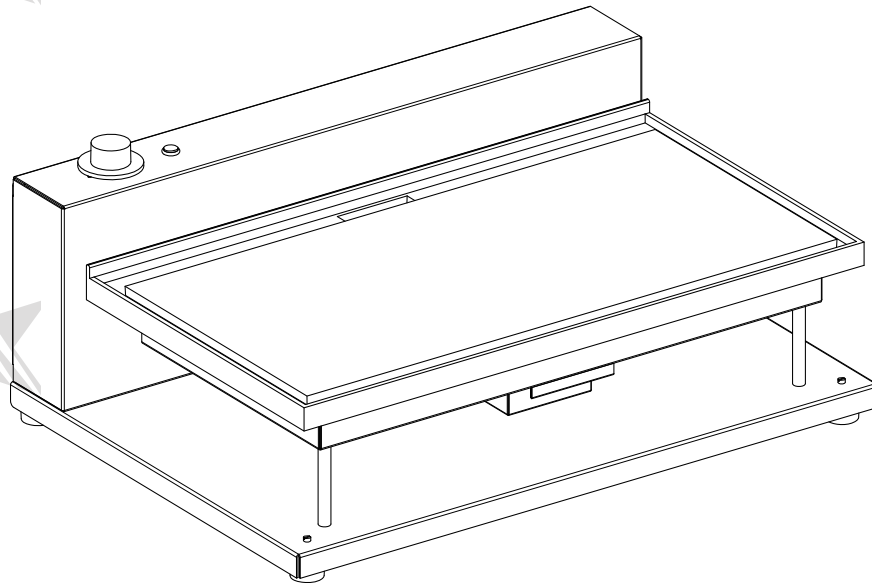


# **STAR<sup>®</sup>** **PORTABLE GRIDDLE**

MODEL  
BG3

## **Installation and Operation Instructions**

2M-Z1189 Rev.D 12/4/07



BG3



## 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.

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## 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 faster service.

Model No. \_\_\_\_\_  
Serial No. \_\_\_\_\_  
Voltage \_\_\_\_\_  
Purchase Date \_\_\_\_\_

### Authorized Service Agent

Reference the listing provided with the unit

or

for an updated listing go to:

**Website:** [www.star-mfg.com](http://www.star-mfg.com)  
**E-mail** [Service@star-mfg.com](mailto:Service@star-mfg.com)  
**Telephone:** (800) 807-9054 Local (314) 781-2777

### The Star Service Help Desk

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

**Telephone:** (800) 807-9054 Local (314) 781-2777

**Fax:** (800) 396-2677 Local (314) 781-2714

**E-mail** [Parts@star-mfg.com](mailto:Parts@star-mfg.com)  
[Service@star-mfg.com](mailto:Service@star-mfg.com)  
[Warranty@star-mfg.com](mailto:Warranty@star-mfg.com)

**Website:** [www.star-mfg.com](http://www.star-mfg.com)

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

## INSTALLATION AND OPERATING INSTRUCTIONS



### 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. For equipment to be used by the general public, please contact the factory.

These models are equipped for the voltage and wattage indicated on the nameplate. These units are designed to operate on alternating current (A.C.), two wire single phase service only and are equipped with an approved lead in cord set with a three prong grounding type plug.

**DO NOT CONNECT TO DIRECT CURRENT (D.C.).**



### INSTALLATION

For your protection, we recommend that a qualified electrician install this appliance. The electrician should be familiar with electrical installations and your local electrical requirements. Proper connections and power supply are essential for efficient performance. The supply circuit should be properly fused as required by local electrical code.

Plug into 110-125V A.C. outlet that has line of sufficient capacity to operate griddle. Check wattage and voltage on the nameplate. Slow performance will indicate the griddle is connected to a line of insufficient capacity or to one already loaded to capacity. **DO NOT** plug into a 220V line unless you ordered a 220V griddle. Doing so will ruin the element very quickly and void the warranty. If this appliance does not heat, check your plug and your wall receptacle for loose connections or blown fuses.

### CLEANING

Use only cleaners which are safe for ALUMINUM. **DO NOT** use caustic cleaners, ice or cold water to clean the grill. Turn grill down or OFF during Idle periods to prevent carbon buildup.

1. Turn Power off and unplug, allow grill to cool.
2. Remove particles by using a spatula.
3. Wipe down all surfaces using a warm damp cloth and mild detergent.

### CARBON CLEANING

When carbon buildup occurs, use a carbon removal agent which is safe for aluminum, follow the instructions provided with the product. When this process is complete, you must re-season your grill.



### CAUTION

**DO NOT USE SHARP OBJECTS TO REMOVE CARBON BUILD-UP.**

**BEFORE CLEANING MAKE SURE POWER IS TURNED OFF, UNIT IS UNPLUGGED AND IS NOT TOO HOT.**

**Apply only cleaners which are safe for aluminum and iron surfaces. Wipe with clean sponge or towel until unit is clean.**

## **SEASONING THE GRIDDLE HEATING SURFACE (NON-CHROMIUM SURFACES)**

Clean the griddle surface thoroughly. After the griddle has been thoroughly cleaned, it should be seasoned to prevent food from sticking. Before using, and after each thorough scouring, season the griddle heating surface in the following manner:

1. Turn Power ON and set the knob to number 7.
2. Allow 10 minutes for grill to reach its operating temperature.
3. Brush the cooking surface with a releasing agent.  
If using an aerosol agent, first apply in a cup and then brush onto cooking surface.
4. Let sit for 20 minutes, and then wipe clean using a warm damp cloth.

## **DAILY SEASONING**

Properly seasoned, the grill should not require much seasoning while in use. Brushing a light coating of a baking releasing agent in the morning, and occasionally throughout the day will be enough to prevent any sticking.

**IT IS NOT REQUIRED TO APPLY BEFORE GRILLING EACH ITEM.**

**Even with careful seasoning food may, to some extent, stick to the griddle cooking surface until griddle plate is "broken in."**

## **OPERATING PROCEDURE**

Turn temperature control knob from "off" position to the temperature number desired. This will automatically heat the griddle to whatever the temperature the control knob is set. The thermostat will shut off automatically and the pilot light will go out when the temperature is reached. The griddle is to be kept at this setting for immediate service and left at this setting as griddle will remain at constant temperature. If it is turned off, you will have to wait 10 to 20 minutes for it to reheat. If griddle is too hot, turn knob to lower temperature. Turn off when leaving at night.

## **PILOT LIGHT**

Pilot light will go on when the unit is first turned on or when control knob is turned to higher temperature. It will go off when temperature is reached.

## **GREASE CATCHER**

A pan is provided to catch the grease. This fits under the griddle.

## **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 thermostat down to #3 during idle periods. It will take only a few minutes to regain operating temperature.

Use spatula to push excess grease into grease drawer after each load of food is cooked. This will reduce smoking of hot grease and carbonizing.

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



## **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 AND REPAIRS**

Contact the factory or one of its representatives or a local service company for service or maintenance if required.

Visit our Website at: [www.star-mfg.com](http://www.star-mfg.com)

Email: [service@star-mfg.com](mailto: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 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. 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
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, i.e; 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 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.**

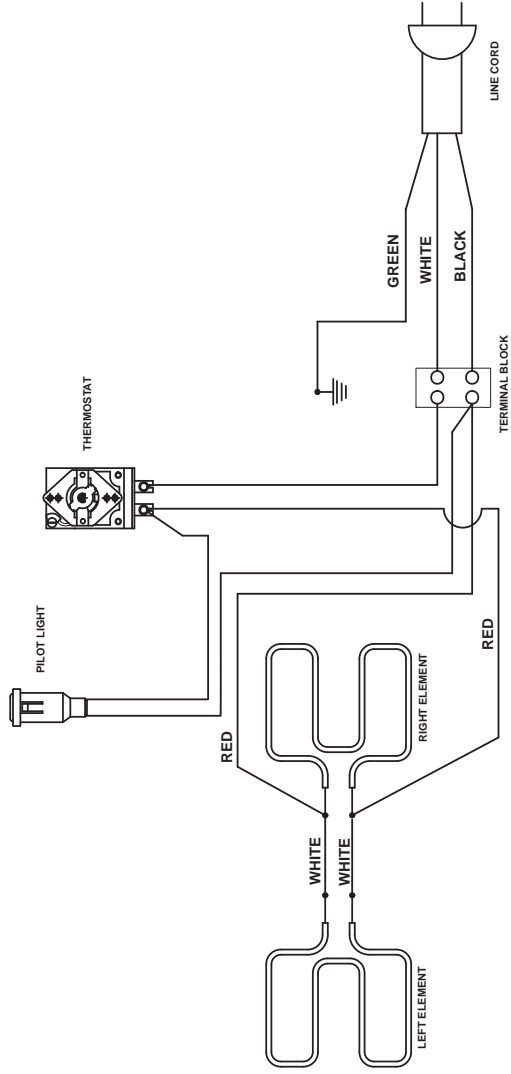
### ALL:

- \* Pop-Up Toasters
- \* Butter Dispensers
- \* Pretzel Merchandisers  
(Model 16PD-A Only)
- \* Pastry Display Cabinets
- \* Nacho Chip Merchandisers
- \* Accessories of any kind
- \* Sneeze Guards
- \* Pizza Ovens  
(Model PO12 Only)
- \* Heat Lamps
- \* Pumps-Manual

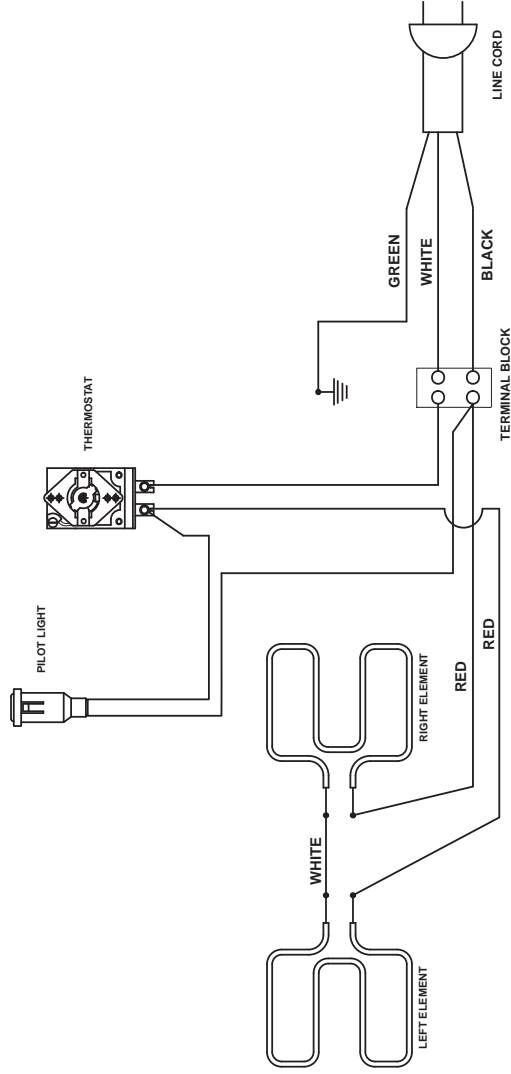
The foregoing warranty is in lieu of any and all other warranties expressed or implied and constitutes the entire warranty.

### 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.



**BG3 - 120 V**



**BG3 - 240 V**



**BG3 WIRE DIAGRAM**

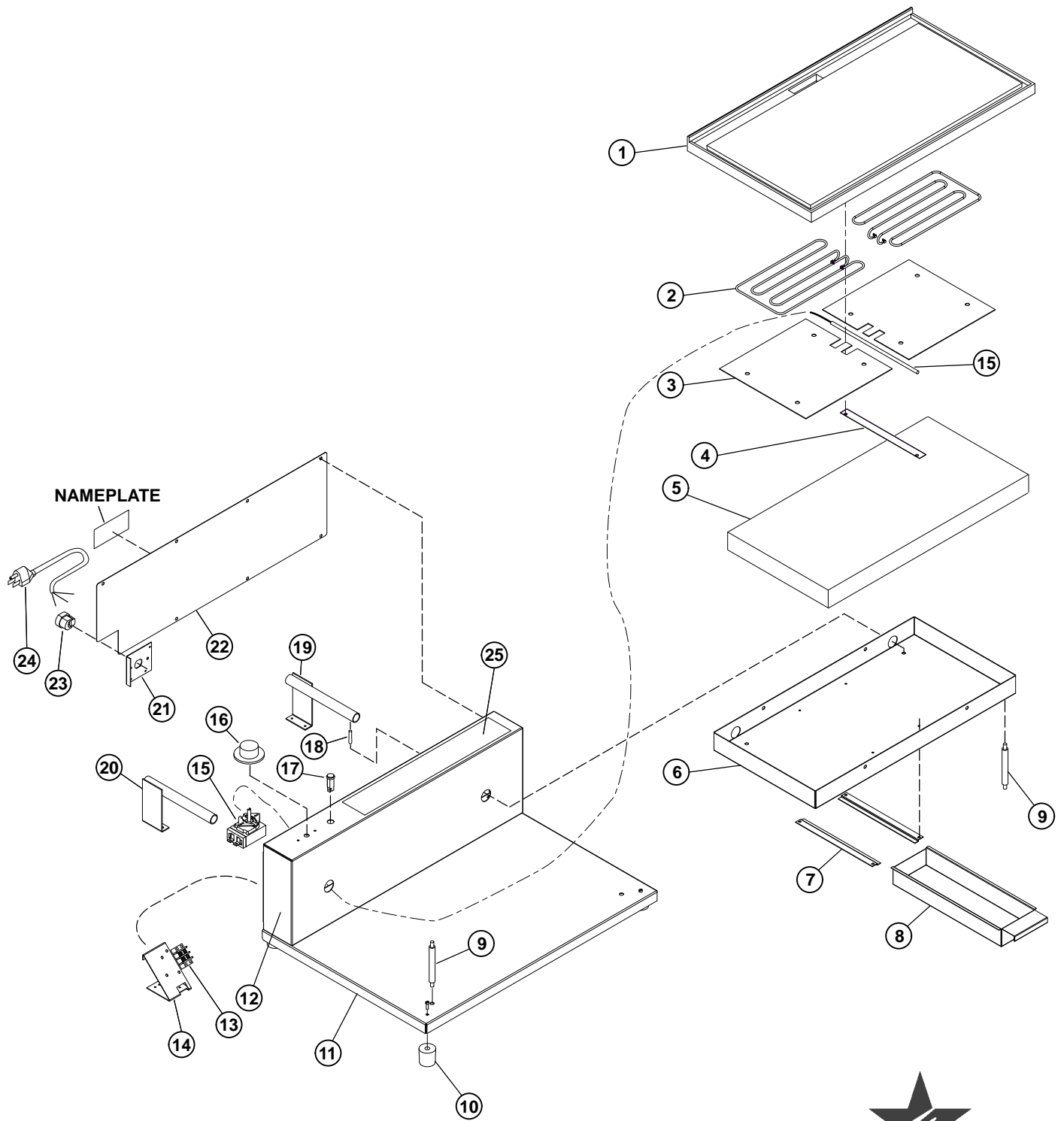
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**STAR MANUFACTURING INTERNATIONAL INC.**

SK2113

REV --

01/24/05



NAMEPLATE

SOME ITEMS ARE INCLUDED FOR ILLUSTRATIVE PURPOSES ONLY AND IN CERTAIN INSTANCES MAY NOT BE AVAILABLE

MODEL - BG3 Electric Griddle



STAR MANUFACTURING INTERNATIONAL, INC.

SK2151

REV. A

10/26/05

# PARTS LIST

December 4, 2007, Rev D

MODEL   BG3 PORTABLE GRIDDLE  

Key Number	Part Number	Number Per Unit	Description and Model Designation
1	D9-30-GR-0055	1	GRIDDLE PLATE
2	2N-05-GR-0001	2	ELEMENT - 120V/208V/230V (875W) (square, new style)
3	D9-04-GR-0017	2	PLATE - ELEMENT
4	D9-04-GR-0012	1	CLAMP - THERMOSTAT BULB (not shown)
5	D9-06-GR-0002	1	INSULATION (not shown)
6	D9-50-GR-0060	1	GRIDDLE PLATE HOUSING ASSEMBLY
7	D9-04-GR-0060	2	GUIDE - GREASE PAN
8	D9-04-GR-0010	1	GREASE PAN
9	D9-70-GR-0020	2	SUPPORT - GRIDDLE PLATE HOUSING
10	2A-06-07-0044	4	FOOT - NEOPRENE w/WASHER
11	D9-04-GR-0015	1	BASE
12	D9-04-GR-0016	1	BACK FRAME
13	2E-05-07-0057	1	TERMINAL BLOCK
14	B9-04-WB-0211	1	MOUNT, TERMINAL BLOCK
15	2T-05-GR-0005	1	THERMOSTAT
16	2R-09-07-0006	1	KNOB - THERMOSTAT
17	2S-Z3823	1	PILOT LIGHT - 120V
17	2S-05-07-0138	1	PILOT LIGHT - 208/230V
18	2C-Z1675	2	ROLL PIN
19	D9-50-GR-0218	1	LEFT TUBE SUPPORT ASSEMBLY
20	D9-50-GR-0219	1	RIGHT TUBE SUPPORT ASSEMBLY (not shown)
21	B9-04-WB-0065	1	REAR PLATE, CORD BUSHING
22	D9-04-GR-0013	1	COVER - BACK
23	2K-05-07-0017	1	GROMMET - LEAD IN CORD
24	2E-Z2935	1	CORD SJTO 14/3 NEMA 5-15P                      120V
24	2E-Z2770	1	CORD, POWER, 14-3 6-15                      208/240V
25	2M-Z9176	1	OPERATIONS LABEL
NI	D9-30-GR-0130	1	BURNGUARD (some models)

**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.

