**WELLS MANUFACTURING**

265 Hobson Street, Smithville, Tennessee 37166

telephone: 314-678-6314

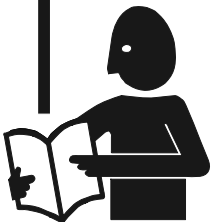
fax: 314-781-2714

www.wells-mfg.com**OWNER'S MANUAL**

for
**COUNTERTOP
CERAMIC
HOTPLATES**

Models:**HC100****HC125****HC225***Model HC225*

**Includes INSTALLATION
USE & CARE EXPLODED
VIEW PARTS LIST
WIRING DIAGRAM**

**IMPORTANT: DO NOT DISCARD THIS MANUAL**

This manual is considered to be part of the appliance and is to be given to the OWNER or MANAGER of the restaurant, or to the person responsible for TRAINING OPERATORS of this appliance. Additional manuals are available from your WELLS DEALER.

THIS MANUAL MUST BE READ AND UNDERSTOOD BY ALL PERSONS USING OR INSTALLING THIS APPLIANCE. Contact your WELLS DEALER if you have any questions concerning installation, operation or maintenance of this equipment.

LIMITED EQUIPMENT WARRANTY

Wells Manufacturing warranties new products to be free from defects in material and/or workmanship for a period of one [1] year from the date of original installation, except as noted below. Defects that occur as a result of normal use, within the time period and limitations defined in this warranty, will at Wells' discretion have the parts replaced or repaired by Wells or a Wells-authorized service agency.

THIS WARRANTY IS SUBJECT TO ALL LISTED CONDITIONS.

Repairs performed under this warranty are to be performed by a Wells-authorized service agency. Wells will not be responsible for charges incurred or service performed by non-authorized repair agencies.

In all cases, the nearest Wells-authorized service agency must be used.

Wells will be responsible for normal labor charges incurred in the repair or replacement of a warrantied product within 50 miles (80.5 km) of an authorized service agency. Time and expense charges for anything beyond that distance will be the responsibility of the owner. All labor will need to be performed during regular service hours. Any overtime premium will be charged to the owner. For all shipments outside the U.S.A. and Canada, please see the International Warranty for specific details.

It is the responsibility of the owner to inspect and report any shipping damage claims, hidden or otherwise, promptly following delivery.

No mileage or travel charges will be honored on any equipment that is deemed portable. In general, equipment with a cord and plug weighing less than 50 lb. (22.7 kg) is considered portable and should be taken or shipped to the closest authorized service agency, transportation prepaid.

CONTACT

Should you require any assistance regarding the operation or maintenance of any Wells equipment; write, phone, fax or email our service department. In all correspondence mention the model number and the serial number of your unit, as well as the voltage or type of gas you are using.

Business hours are 8:00 a.m. to 4:30 p.m. Central Standard Time
 Telephone 314.678.6314
 Fax 314.781.2714
 Email customerservice@star-mfg.com
 www.wells-mfg.com

WARRANTY EXCLUSIONS

THE FOLLOWING WILL NOT BE COVERED UNDER WARRANTY.

- Any product which has not been installed, cleaned, maintained, or used in accordance with the directions published in the appropriate installation sheet and/or owner's manual as well as national and local codes, including incorrect gas or electrical connection. Wells is not liable for any unit which has been mishandled, abused, misapplied, subjected to chlorides, harsh chemicals, or caustic cleaners, damaged from exposure to hard water, modified by unauthorized personnel, damaged by flood, fire, or other acts of nature [or God], or which have an altered or missing serial number.
- Installation, labor, and job checkouts, calibration of heat controls, air and gas burner/bypass/pilot adjustments, gas or electrical system checks, voltage and phase conversions, cleaning of equipment, or seasoning of griddle surface.
- Replacement of fuses or resetting of circuit breakers, safety controls, or reset buttons.
- Replacement of broken or damaged glass components, quartz heating elements, and light bulbs.
- Labor charges for all removable parts in gas charbroilers and hotplates, including but not limited to burners, grates, and radiants.
- Any labor charges incurred by delays, waiting time, or operating restrictions that hinder a service technician's ability to perform service.
- Parts that fail or are damaged due to normal wear or labor for replacement of Items that can easily be replaced during a daily cleaning routine. such as but not limited to silicone belts, PTFE non-stick sheets, knobs, control labels, bulbs, fuses, quartz heating elements, baskets, racks, and grease drawers.
- Components that should be replaced when damaged or worn, but have been field-repaired instead [eg. field-welded fry pots].
- Any loss of business or profits.

ADDITIONAL WARRANTIES

Specialty/chain specific versions may also have additional and/or extended warranties.

PRODUCTS	PARTS	LABOR
universal ventless hoods	2 years	1 year
canopy hoods	2 years	1 year
"Cook'n Hold" equipment [HW10, HWSMP, LLSC7, LLSC7WA, LLSC11, and LLSC11WA]	2 years	1 year
cast iron grates, burners, and burner shields	1 year	
original Wells parts sold to repair Wells equipment	90 days	
Service First	1 year	

TABLE OF CONTENTS


WARRANTY		Thank You for purchasing this Wells Manufacturing appliance
SPECIFICATIONS	1	
FEATURES & OPERATING CONTROLS	2	Proper installation, professional operation and consistent maintenance of this equipment will ensure that it gives you the very best performance and a long, economical service life.
PRECAUTIONS & GENERAL INFORMATION	3	
INSTALLATION	4	
OPERATION	5	
CLEANING INSTRUCTIONS	6	This manual contains the information needed to properly install this equipment, and to use and care for the equipment in a manner which will ensure its optimum performance.
SPECIAL CARE INSTRUCTIONS	7	
TROUBLESHOOTING	8	
EXPLODED VIEW & PARTS LIST	9-14	
WIRING DIAGRAM	15-16	
PARTS & SERVICE	21	
CUSTOMER SERVICE DATA	21	

SPECIFICATIONS

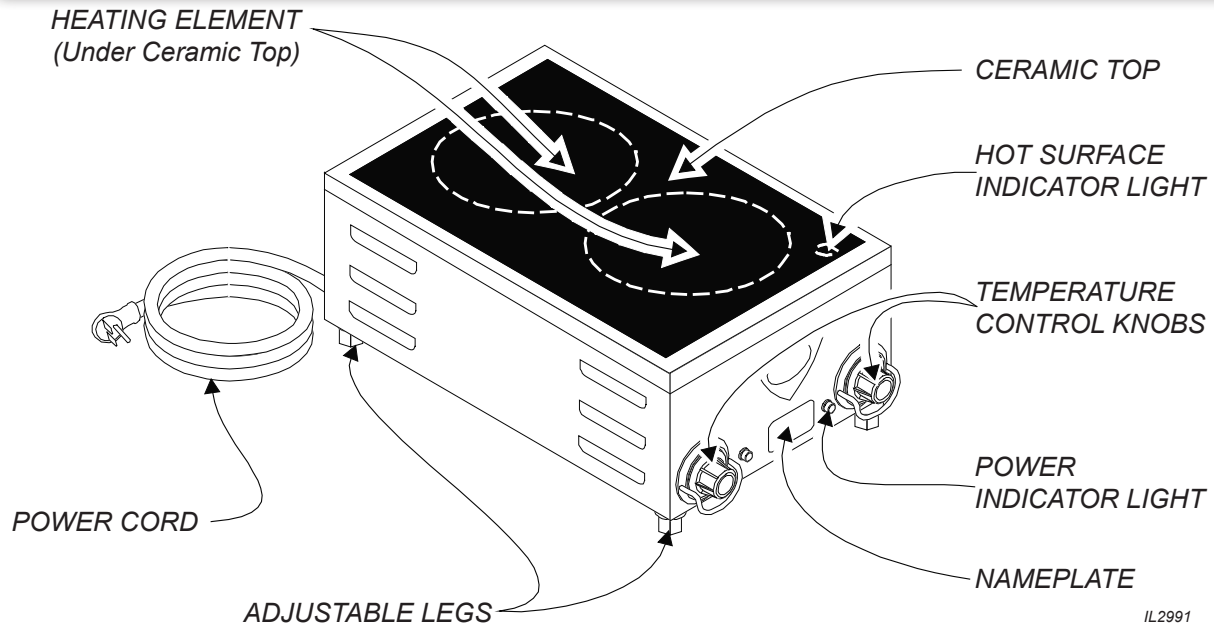
MODEL	ELEMENT	WIDTH	DEPTH	VOLTS	AMPS	kW	PLUG	LEG HEIGHT
HC100	Single 7"	12-5/8"	12-5/8"	120 V	11.7 A	1.4 kW	NEMA 5-15P	1"
HC125	Single 9"	14-3/4"	14"	208 V 1 \emptyset	9.0 A	1.9 kW	NEMA 6-15P	1"
				240 V 1 \emptyset	10.4 A	2.5 kW	NEMA 6-15P	1"
HC225	Dual 9"	14-3/4"	24-5/8"	208 V 1 \emptyset	18.1 A	3.8 kW	NEMA 6-30P	1"
				240 V 1 \emptyset	20.8 A	5.0 kW	NEMA 6-30P	1"

SPECIFICATIONS - EXPORT MODELS

MODEL	ELEMENT	WIDTH	DEPTH	VOLTS	AMPS	kW	LEGS
HC125EU	Single 9"	14-3/4"	14"	220-240V 1 \emptyset	10.4 A	2.5 kW	1"
HC225EU	Dual 9"	14-3/4"	24-5/8"	220-240V 1 \emptyset	20.8 A	5.0 kW	1"

Refer to the Export Manual for this equipment (p/n 2M-301399) for specific  information.

FEATURES & OPERATING CONTROLS



IL2991

Ceramic Top	Provides smooth, low maintenance heating surface
Heating Element	Provides heat for food preparation Note: elements located under ceramic top
Hot Surface Indicator Light	Glow whenever ceramic top is above 150°F (66°C)
Temperature Control	Infinite switch to control temperature of heating element
Power Indicator Light	Glow any time temperature control is on
Name Plate	Lists manufacturer, model number and serial number Also lists voltage and wattage rating
Power Cord	Connects hotplate to electrical power
Adjustable Legs	Provides ventilation under hotplate Allow hotplate to be leveled

223 p/n 2M-303755 Owners Manual Counter Top Ceramic Hotplates

PRECAUTIONS AND GENERAL INFORMATION

This appliance is intended for use in commercial establishments only.

This appliance is intended to prepare food for human consumption. No other use is recommended or authorized by the manufacturer or its agents.

Operators of this appliance must be familiar with the appliance use, limitations and associated restrictions. Operating instructions must be read and understood by all persons using or installing this appliance.

Cleanliness of this appliance is essential to good sanitation. Read and follow all included cleaning instructions and schedules to ensure the safety of the food product.

Disconnect the hotplate from electrical power before performing any maintenance or servicing.

DO NOT submerge hotplate in water. DO NOT splash or pour water over, onto or into controls or wiring.

Hotplate must be operated with the supplied legs properly installed.

The technical content of this manual, including any wiring diagrams, schematics, parts breakdown illustrations and/or adjustment procedures, is intended for use by qualified technical personnel.

Any procedure which requires the use of tools must be performed by a qualified technician.

This manual is considered to be a permanent part of the appliance. This manual and all supplied instructions, diagrams, schematics, parts breakdown illustrations, notices and labels must remain with the appliance if it is sold or moved to another location.

This appliance is made in the USA. Unless otherwise noted, this appliance has American sizes on all hardware. This unit complies with NSF Standard 4 only if maintained and operated per the instructions in this manual.



WARNING: ELECTRIC SHOCK HAZARD

All servicing requiring access to non-insulated electrical components must be performed by a factory authorized technician.

DO NOT open any access panel that requires the use of tools. Failure to follow this warning can result in severe electrical shock.




CAUTION: RISK OF DAMAGE

DO NOT connect and/or energize this appliance until all installation instructions are read and followed. Damage to the appliance will result if these instructions are not followed.

AGENCY APPROVAL INFORMATION

This unit is  listed under E6070.

Export versions (only) of this unit meet  standards.



STD 4



E6070



E6070



EXPORT
MODELS
ONLY

INSTALLATION

NOTE: DO NOT discard the carton or other packing materials until you have inspected the appliance for hidden damage and tested it for proper operation. Refer to SHIPPING DAMAGE CLAIM PROCEDURE on the inside front cover of this manual.



CAUTION: ELECTRIC SHOCK HAZARD

The ground prong of the power cord is part of a system designed to protect you from electric shock in the event of internal damage to the appliance.

NEVER CUT OFF THE GROUND PRONG (large round prong). NEVER TWIST A PRONG TO FIT AN EXISTING RECEPTACLE.

Contact a licensed electrician to install an electrical receptacle appropriate to the voltage and amperage requirements of the hotplate.

IMPORTANT:

Damage due to being plugged into the wrong voltage or phase is NOT covered by warranty

UNPACKING & INSPECTION

Carefully remove the hotplate from the carton. Remove all protective plastic film, packing materials and accessories from the hotplate before plugging the hotplate into electrical power or otherwise performing any installation procedure.

Carefully read all instructions in this manual and the Installation Instruction Sheet packed with the hotplate before starting any installation.

Read and understand all labels and diagrams attached to the hotplate.

Carefully account for all components and accessories before discarding packing materials. Store all accessories in a convenient place for later use.

SETUP

Supplied legs must be properly installed.

Setup the hotplate only on a firm level surface. Non-combustible material (e.g. metal, terrazzo) is recommended.

Maintain at least 1" from adjacent surfaces.

ELECTRICAL

Refer to the nameplate. Verify the electrical service power. Voltage and phase must match the nameplate specifications. Connecting the hotplate to the wrong voltage can severely damage the equipment or cause noticeably decreased performance.

Hotplate is equipped with a grounded electric power cord, this cord must be plugged into a properly grounded electrical receptacle.

GENERAL OPERATIONAL NOTES

Carefully read the description of the hotplate operation on the specification sheet.

DO NOT attempt to perform any maintenance or service unless the hotplate is unplugged or disconnected from electrical power.

DO unplug the hotplate from electrical power or turn the circuit breaker off before cleaning or servicing.

DO NOT use steel wool or abrasive cleansers to clean the ceramic top.

DO use the supplied scraper to remove burned-on food product.

OPERATION

Each heating element is controlled by an infinite switch temperature control:

OFF removes power from the element

LOW thru 8 are temperature settings

Higher numbers indicate higher temperatures

There is a continuous range of settings between LOW and HI

HI is a continuous ON setting

The power indicator light will glow any time the temperature control is on.

The hot surface indicator light will glow any time the ceramic surface is approximately 150°F (65°C) or higher.

Cooking Recommendations:

Save energy by turning the temperature control off any time the hotplate is not in use. The heating elements will provide full heat within 30 seconds, making it unnecessary to leave the unit on during intermittent use.

Each heating element can hold up to a 16 quart pot or pan. For efficient heating of food product, pots and pans should be no more than 10" in diameter. Maximize the efficiency of the ceramic top by using flat-bottom pots and pans.

Preserve the luster of the ceramic cook surface by wiping up spills promptly and by cleaning frequently. Allow the hotplate to cool completely before cleaning. Use only cook-top cleaning crème on glass-ceramic cooking surfaces.

Stir thick liquids frequently to maintain a consistent temperature.



**CAUTION:
HOT SURFACES**

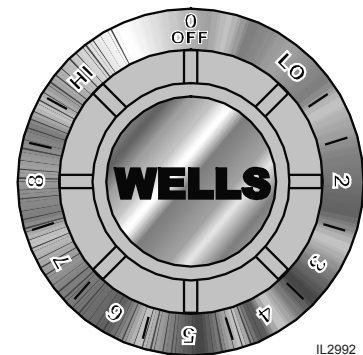
Exposed surface can be hot to the touch and may cause burns.



**CAUTION:
HOT SURFACES**

Ceramic cooking surfaces are hot anytime the HOT SURFACE indicator light is lit.

DO NOT touch the cooking surface if the HOT SURFACE light is lit.



IMPORTANT:

The dial markings are an INDICATION of temperature only. The temperature of the food product depends on many factors, including the size, shape and material of the food container, and the quantity and consistency of the food product.

CLEANING INSTRUCTIONS



CAUTION: ELECTRIC SHOCK HAZARD

Unplug hotplate from electric power before cleaning.



CAUTION: BURN HAZARD

Allow hotplate to cool completely before cleaning.



CAUTION: ELECTRIC SHOCK HAZARD

Do not submerge hotplate in water.

IMPORTANT: DO NOT spill or pour water into controls, control panel or wiring.

DO NOT submerge hotplate in water. Damage to internal components will occur. Damage to internal components from water damage is NOT covered by warranty.

DO NOT steel wool or metal scouring pads to clean ceramic heating surface.

PREPARATION

Unplug or disconnect hotplate from electrical power before cleaning. Allow hotplate to cool completely before cleaning.

FREQUENCY

Daily

TOOLS

Cleaning Creme
Razor Scraper
Clean Cloth or Sponge
Mild Detergent or Cleaner Formulated for Stainless Steel
Warm Water

CLEANING

Unplug or disconnect hotplate from electrical power before cleaning.

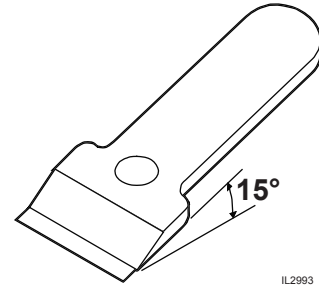
Allow the hotplate to cool until the HOT SURFACE indicator light goes off before cleaning.

Clean food particles from the ceramic cooking surface with a razor scraper. Hold the edge of blade flat against the surface and at a 15° angle to avoid scratching the ceramic. DO NOT use metal implements (other than the razor scraper), steel wool or metal scouring pads to clean the ceramic cooking surface.

Use only cook-top cleaning creme on glass-ceramic cooking surfaces. Wipe the ceramic cooking surfaces with cleaning creme and a clean cloth. The cleaning creme leaves a protective coating.

Wipe the outer portions of the hotplate cabinet with a clean soft cloth or sponge dampened with warm water and a mild detergent or cleaner formulated for cleaning stainless steel. DO NOT use steel wool to clean hotplate cabinet.

Rinse by wiping hotplate cabinet with a clean soft cloth or sponge moistened with clean warm water. Dry cabinet by wiping with a clean soft dry cloth.



SPECIAL CARE INSTRUCTIONS

DO NOT use the hotplate surface as a cutting board.

DO NOT cook directly on the glass-ceramic surface.

Check glass and ceramic cookware to verify suitability for use on hotplates.

DO NOT drop cookware onto glass-ceramic cook surface.

Carefully place heavy pots and skillets on glass-ceramic cook surface to avoid damage.

Avoid sliding cookware across hotplate surface.

Remove stains and metal marks from the glass-ceramic cook surface after use by cleaning with cleaning creme. Allow hotplate surface to cool completely before cleaning

DO NOT leave empty cookware on a hot cooking surface.

Avoid contacting the hot glass-ceramic surface with plastic or aluminum foil, which may melt.



CAUTION: BURN HAZARD

Allow hotplate to cool completely before cleaning.



CAUTION: CUT HAZARD

DO NOT attempt to cook on a broken hotplate surface. Severe injury may result. Contact an Authorized Wells Service Agency immediately for repairs.



CAUTION: CUT HAZARD

DO NOT attempt to repair a broken hotplate surface. The glass-ceramic surface is impossible to repair successfully. A broken surface can cause severe injury. Contact an Authorized Wells Service Agency immediately for repairs.

TROUBLESHOOTING

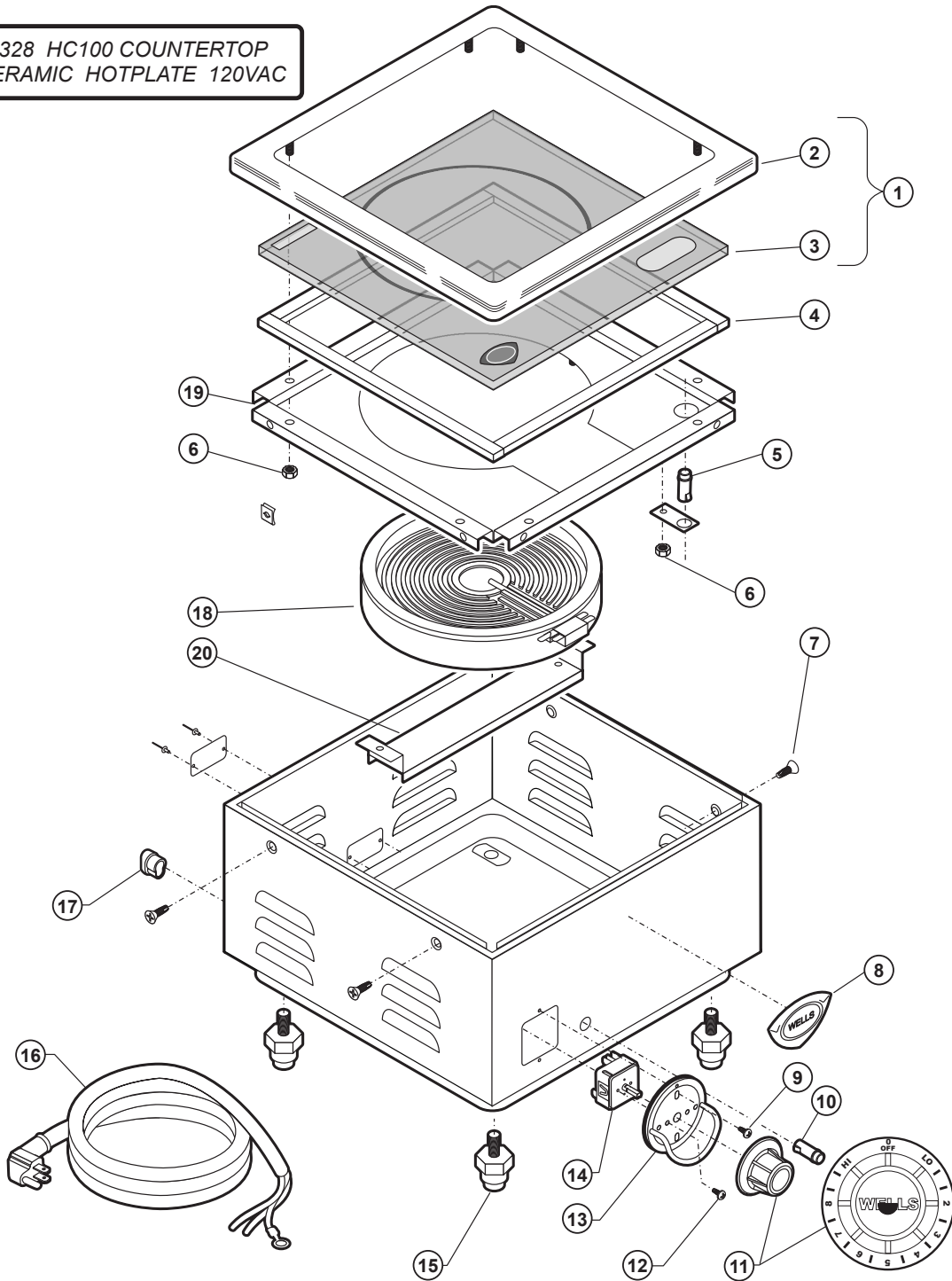
SYMPTOM	POSSIBLE CAUSE	SUGGESTED REMEDY
Hotplate won't heat	Not plugged in, damaged plug or cord or circuit breaker tripped	Check plug and cord
		Check / reset circuit breaker
One or more sections won't heat	Temperature control not on	Turn temperature control to desired setting
	Damaged temperature control, element or other internal component	Contact Authorized Wells Service Agency for repairs
Hotplate not hot enough	Temperature control not set	Adjust for desired temperature
	Operating 208/240V unit at 120V	Be sure supply voltage matches nameplate voltage
	Damaged temperature control, element or other internal component	Contact Authorized Wells Service Agency for repairs
Hot surface indicator does not light, or stays on	Damaged temperature control, element or other internal component	Contact Authorized Wells Service Agency for repairs

NOTE: There are no user serviceable components in this appliance. In all cases of damage or component malfunction, contact your Authorized Wells Service Agency for repairs.

EXPLODED VIEW: HC100

HC-100 COUNTERTOP ELECTRIC CERAMIC HOTPLATE

22328 HC100 COUNTERTOP CERAMIC HOTPLATE 120VAC



Model: HC100
Countertop Electric Ceramic Hotplate

PL223



IL1814 Rev. B 3/20/14

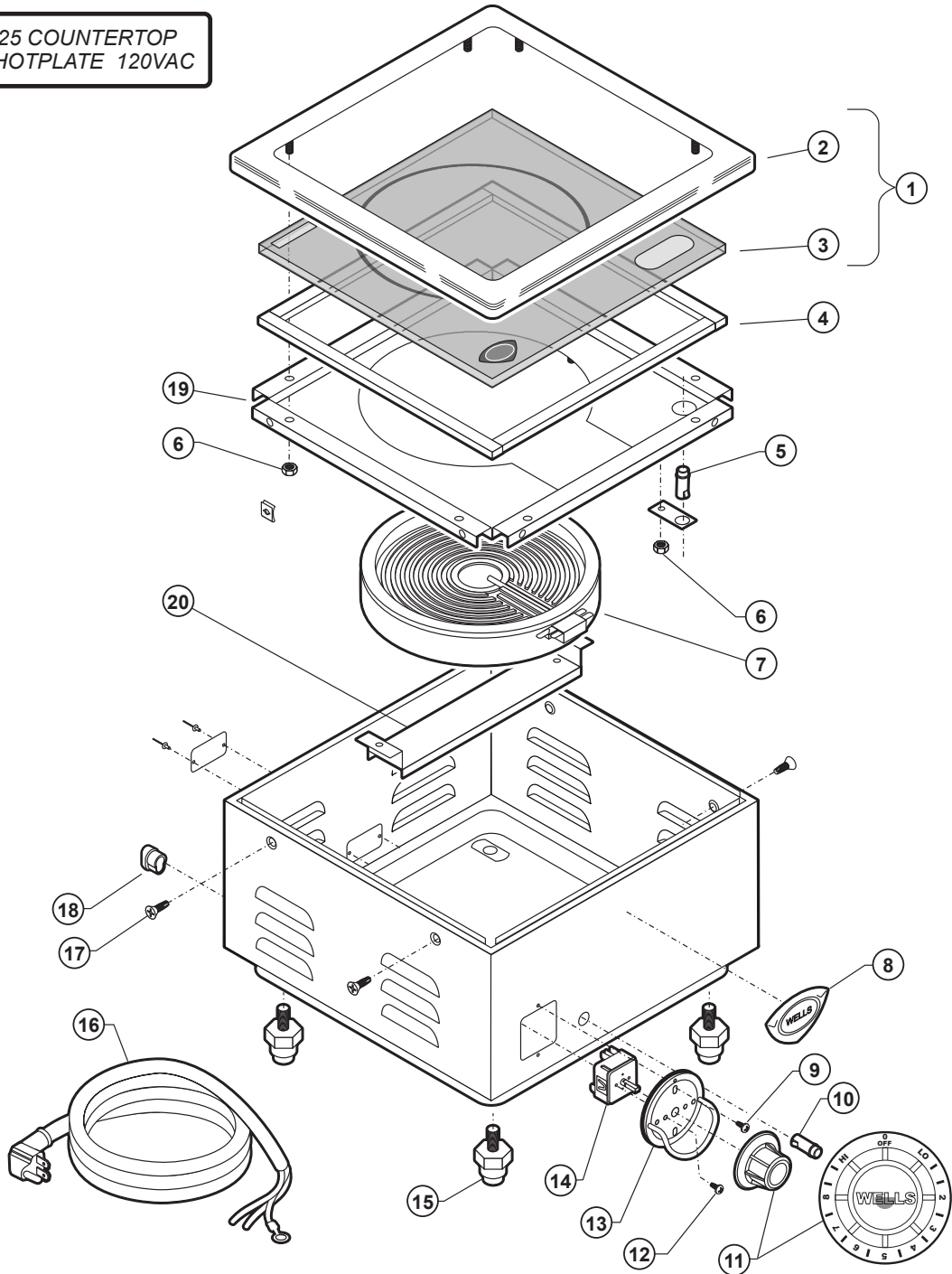
PARTS LIST: HC100

HC100 COUNTERTOP ELECTRIC CERAMIC			
Fig No	Part No	Qty	Description
1	WS-501686	1	TOP ASSY HC-100 120V
2	I7-301686	1	TOP ASSY
3	2Q-301661	1	GLASS CERAMIC HC100
4	2H-301213	6FT	INSUL LYTHERM HP 1/4X5/8
5	2J-301121	1	LIGHT SIGNAL CLEAR 120V
6	2C-31053	11	NUT 8-32 KEPS MS NICKEL
7	2C-34285	4	SCREW 8-32X3/8 PH 100 FL
8	2M-300534	1	TRADEMARK DOMED LABEL
9	2C-33935	2	SCREW 6ABX5/16 PH PAN SMS
10	2J-70309	1	LIGHT PILOT RED 125V 1/3W
11	2R-30371	1	KNOB ASSY WARMERS
12	2C-31697	2	SCREW 8-32X3/16 PH RD HD
13	D8-30256	1	TRIM RING ASSY
14	2E-30570	1	SWITCH INFINITE 120V A
15	2A-41946	4	LEG ADJUST 1IN
16	2E-70017	1	CORD SET 6FT 5-15P
17	2K-70215	1	STRAIN RELIEF STR
18	2N-301660	1	ELEM HC100 120V 1400W
19	I7-301664	1	RETAINER ELEMENT HC-100

EXPLODED VIEW: HC125

HC-125 COUNTERTOP ELECTRIC CERAMIC HOTPLATE

22305 HC-125 COUNTERTOP
CERAMIC HOTPLATE 120VAC



Model: HC125
Countertop Electric Ceramic Hotplate

PL223



IL1815 Rev. A 7/10/09

223 p/n 2M-303755 Owners Manual Counter Top Ceramic Hotplates

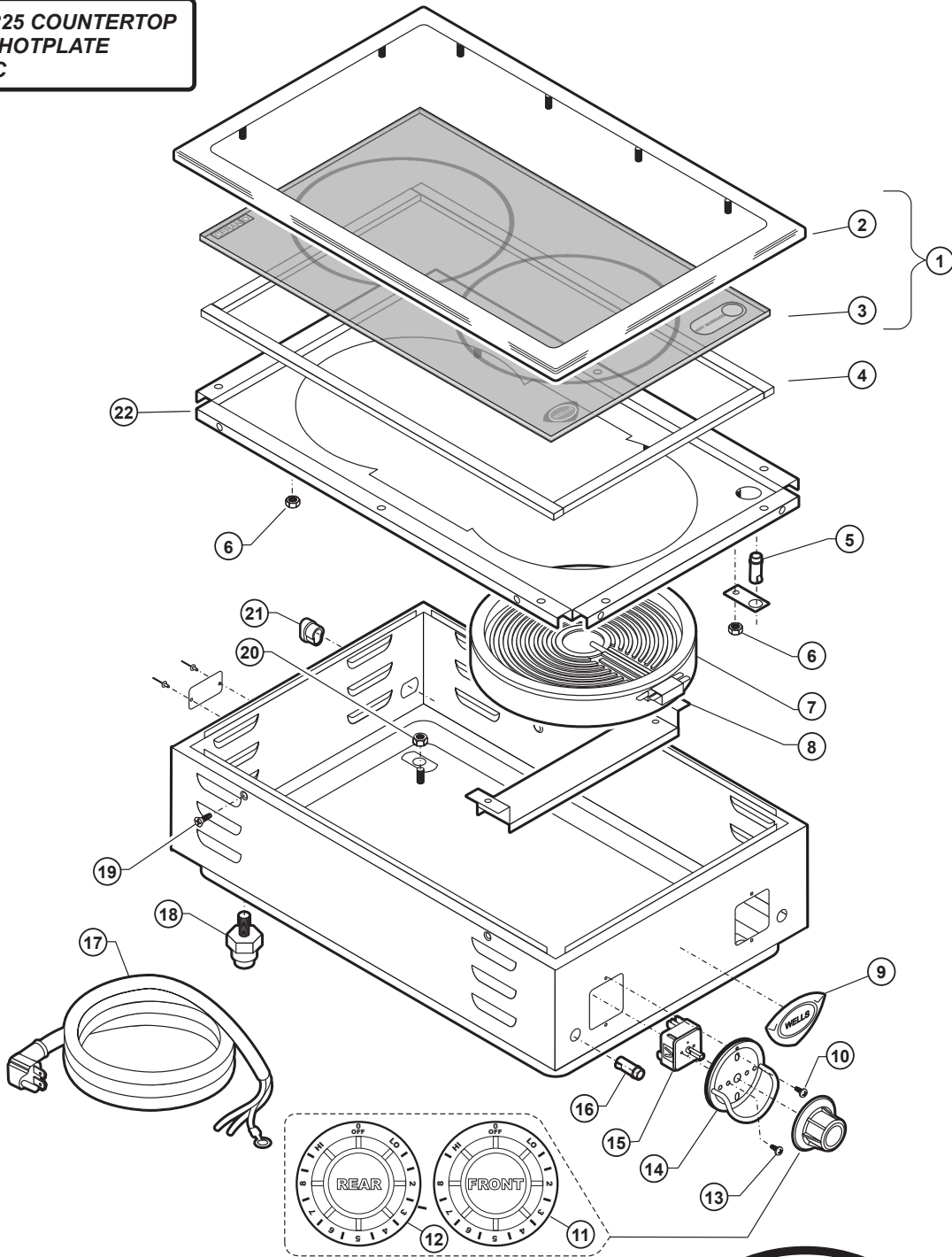
HC-125 COUNTERTOP ELECTRIC CERAMIC

Fig No	Part No	Qty	Description
1	WS-501649	1	TOP ASSY REPLACEMENT HC-125
2	I7-301214	1	TOP DRAWN HC-125 1256
3	WS-501109	1	GLASS CERAMIC HC-125 1256
4	2H-301213	6FT	INSUL LYTHERM HP 1/4X5/8
5	2J-301121	1	LIGHT SIGNAL CLEAR 120V
6	2C-31053	11	NUT 8-32 KEPS MS NICKEL
7	2N-301120	1	ELEM 240V 2500W HC-125
8	2M-300534	1	TRADEMARK DOMED LABEL
9	2C-33935	2	SCREW 6ABX5/16 PH PAN SMS
10	2J-31157	1	LIGHT SIGNAL RED
11	2R-30371	1	KNOB ASSY WARMERS
12	2C-31697	2	SCREW 8-32X3/16 PH RD HD
13	D8-30256	1	TRIM RING ASSY
14	2E-30562	1	SWITCH INFINITE 240V A
15	2A-41946	4	LEG ADJUST 1IN
16	2E-35540	1	CORD SET 6-15P 16/3W 4FT
17	2C-34285	4	SCREW 8-32X3/8 PH
18	2K-70215	1	STRAIN RELIEF STR HEYCO
19	I7-301144	1	RETAINER ELEMENT HC-125
20	I7-301119	1	BRKT ELEMENT HC-125

EXPLODED VIEW: HC225

HC-225 COUNTERTOP ELECTRIC CERAMIC HOTPLATE

22307 HC-225 COUNTERTOP CERAMIC HOTPLATE
208/240VAC



Model: HC225
Countertop Electric Ceramic Hotplate

PL223

IL1816 Rev. A 4/27/15

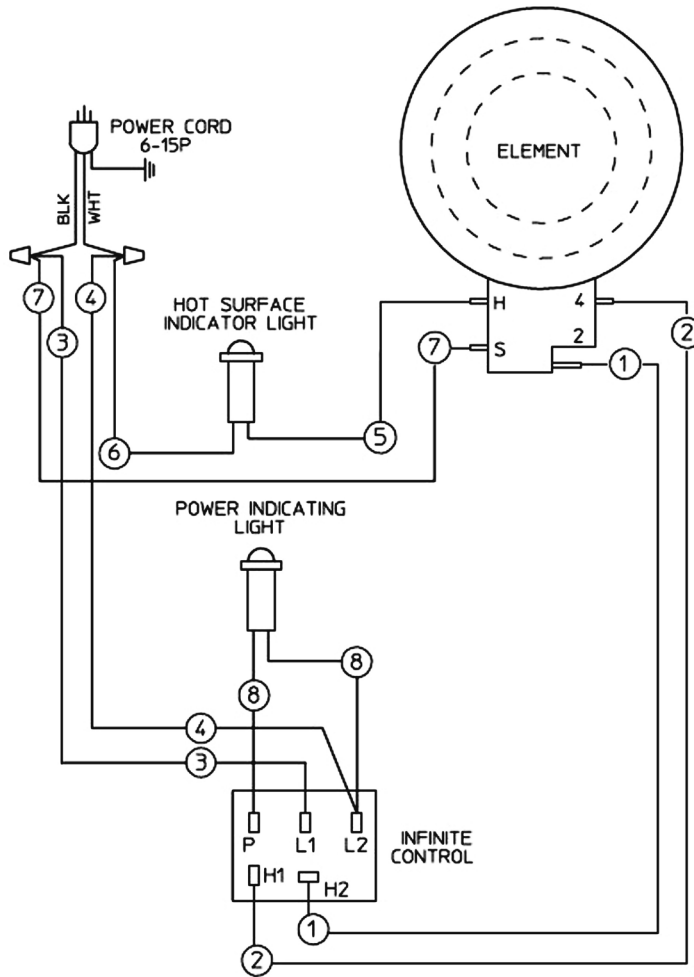
223 p/n 2M-303755 Owners Manual Counter Top Ceramic Hotplates

PARTS LIST: HC225

HC-225 COUNTERTOP ELECTRIC CERAMIC			
Fig No	Part No	Qty	Description
1	2Q-501650	1	TOP ASSY REPLACEMENT HC-225
2	I7-301215	1	TOP ASSY HC-225
3	WS-501110	1	GLASS CERAMIC HC-225 & 2256
4	2H-301213	6FT	INSUL LYTHERM HP 1/4X5/8
5	2J-301121	1	LIGHT SIGNAL CLEAR 120V
6	2C-31053	17	NUT 8-32 KEPS MS NICKEL
7	2N-301120	2	ELEM 240V 2500W
8	I7-301119	2	BRKT ELEMENT
9	2M-300534	1	TRADEMARK DOMED LABEL
10	2C-33935	4	SCREW 6ABX5/16 PH PAN SMS
11	2R-30583	1	KNOB ASSY FRONT HOTPLATE
12	2R-30584	1	KNOB RR HP91
13	2C-31697	4	SCREW 8-32X3/16 PH RD HD
14	D8-30256	2	TRIM RING ASSY
15	2E-30562	2	SWITCH INFINITE 240V A
16	2J-31157	2	LIGHT SIGNAL RED
17	2E-35259	1	CORD SET 250V 30A 12G 6-30P
18	2A-41946	4	LEG ADJUST 1IN
19	2C-34285	4	SCREW 8-32X3/8 PH
20	2C-35736	1	NUT 8-32 HEX KEPS MS GREEN
21	2K-45788	1	STRAIN RELIEF SR7W-2 LLF
22	I7-301145	1	RETAINER ELEMENT HC225

WIRING DIAGRAM

GLASS CERAMIC HOTPLATE HC-125 208/240V
AND HC-100 120V

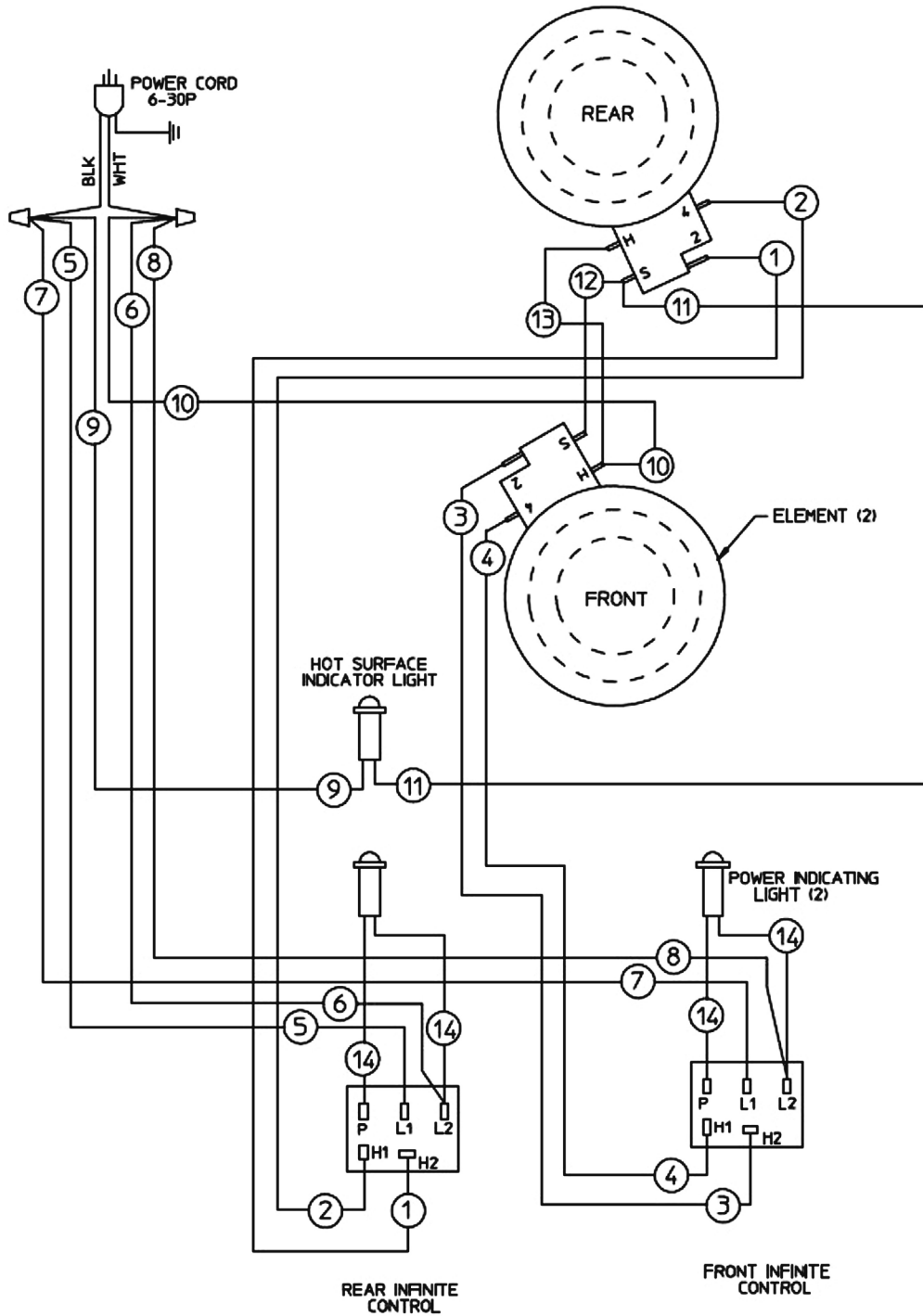


MODEL	VOLTS	KW	AMPS SINGLE PHASE
HC-100	120	1.4	11.7
HC-125	208	1.9	9.0
	240	2.5	10.4

PN 301146

WIRING DIAGRAM

WIRING DIAGRAM
GLASS CERAMIC HOTPLATE HC-225 208/240V



VOLTS	KW	AMPS SINGLE PHASE
208	3.8	18.1
240	5.0	20.8

301147 (A)

NOTES

NOTES

PARTS & SERVICE

**DESCRIPTION
SERVICE**

PART NO.

SCRAPER, CLEANING
CLEANING CREME, CERAMIC HOTPLATE

2R-302040
2L-301124

IMPORTANT: Use only factory authorized service parts and replacement filters.
For factory authorized service, or to order factory authorized replacement parts, contact your Wells authorized service agency, or call:

Wells Manufacturing
265 Hobson Street
Smithville, Tennessee 37166 U.S.A.

Service Dept.
phone: (314) 678-6314
fax: (314) 781-2714

Service Parts Department can supply you with the name and telephone number of the WELLS AUTHORIZED SERVICE AGENCY nearest you.

CUSTOMER SERVICE DATA

please have this information available if calling for service

RESTAURANT _____ LOCATION _____
 INSTALLATION DATE _____ TECHNICIAN _____
 SERVICE COMPANY _____
 ADDRESS _____ STATE _____ ZIP _____
 TELEPHONE NUMBER (____) ____ - _____
 EQUIPMENT MODEL NO. _____ EQUIPMENT SERIAL NO. _____
 VOLTAGE: (check one) 120 208 240

223 p/n 2M-303755 Owners Manual Counter Top Ceramic Hotplates



Wells Bloomfield proudly supports CFESA
Commercial Food Equipment Service Association

SERVICE TRAINING - QUALITY SERVICE



CUSTOMER SATISFACTION



WELLS MANUFACTURING

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