# WELLS MANUFACTURING 265 Hobson Street, Smithville, Tennessee 37166

Hobson Street, Smithville, Tenne telephone: 314-678-6314 fax: 314-781-2714 www.wells-mfg.com



OWNER'S
MANUAL
for
BUILT-IN
CERAMIC
HOTPLATES
Models:
HC1006
HC1256
HC2256

Includes
INSTALLATION
USE & CARE
EXPLODED VIEW
PARTS LIST
WIRING DIAGRAM

Model HC2256



### 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.

**2M-303756** Rev. F 04/18

### 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 Wellsauthorized 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	

# 224 p/n 2M-303756 Owners Manual Built-In Ceramic Hotplate

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### **INTRODUCTION**

Thank You for purchasing this Wells Bloomfield appliance.

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.

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.

<b>SPECIFICATIONS</b>						
MODEL	ELEMENT	VOLTS	AMPS	kW	FIELD WIRING	<b>3</b>
HC1006	Single 7"	120 V 1ø	11.7 A	1.4 kW	14 ga. 75°C	
HC1256	Single 9"	208 V 1ø	9.0 A	1.9 kW	14 ga. 75°C	
		240 V 1ø	10.4 A	2.5 kW	14 ga. 75°C	
HC2256	Dual 9"	208 V 1ø	18.1 A	3.8 kW	10 ga. 75°C	3ø versions available Refer to Installation
		240 V 1ø	20.8 A	5.0 kW	10 ga. 75°C	Guide for details

NOTE: See installation guide for cutout dimensions

SPECIFICATIONS — EXPORT MODELS					
MODEL	ELEMENT	VOLTS	AMPS	kW	FIELD WIRING
HC1256EU	Single 9"	220-240V 1ø	10.4 A	2.5 kW	1.5 mm <sup>2</sup>
HC2256EU	Dual 9"	220-240V 1ø	20.8 A	5.0 kW	2.5 mm <sup>2</sup>

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



Fig. 2 Wellsloks

### **FEATURES & OPERATING CONTROLS**

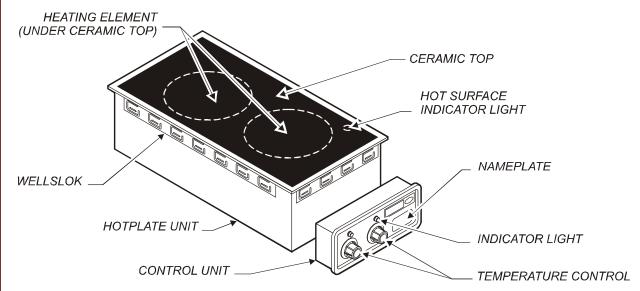


Fig. 1 Built-In Ceramic Hotplate - Features & Operating Controls

### **HOTPLATE UNIT**

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

Glows whenever ceramic top

is above 150°F (66°C)

Wellsloks Unique turn-out tabs which

help secure the hotplate to

the counter

**CONTROL UNIT** 

Temperature Controls Infinite switches to control

temperature of heating

elements

Power Indicator Light Glows any time temperature control is on

Name Plate Lists manufacturer, model number and serial number

Also lists voltage and wattage rating

### 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 splash or pour water over, onto or into controls or wiring.

Hotplate must be installed by a licensed electrician with full knowledge of all applicable electrical codes.

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.



All servicing requiring access to non-insulated electrical components must be performed by a factory authorized technician. DO NOT open any access panel which requires the use of tools. Failure to follow this warning can result in severe electrical shock.

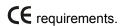


DO NOT connect and/or energize this appliance until all installation instructions are read and followed. Damage to the appliance will result if these instructions are not followed.

## **AGENCY APPROVAL INFORMATION**

This appliance is (h) and (l) listed under file E6070

This appliance conforms to NSF Standard 4 for sanitation only if installed in accordance with the supplied *Installation Instructions*.





E6070



E6070





### **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.

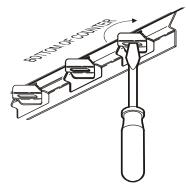


Fig. 3 Set the Wellsloks

### **IMPORTANT:**

Water damage caused by failure to seat Wellsloks or failure to install gasket or to seal flange to counter is NOT covered by warranty

### **IMPORTANT:**

Contact a licensed electrician to install and connect electrical power to the hotplate.

### **IMPORTANT:**

Damage due to being connected to 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 connecting 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.

### **PREPARATION**

Carefully read the *Installation Instruction Sheet* packed with the hotplate for cutout dimensions and restrictions.

For wood and non combustible (I.e. metal) installation, do not install closer than 1 inch to back and side walls, 3-5/8" between unit

Supplied gasket must be installed under the mounting flange, and the Wellsloks turned out to seal the hotplate and control unit to the counter.

Apply a thin bead of food-grade silicone sealant where the flange meets the counter.

### **ELECTRICAL**

Hotplate must be installed by a licensed electrician in accordance with all applicable codes and ordinances.

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.

For supply connections, use 14 ga. (HC1006) or 10 ga. (HC1256 and HC2256) copper wires suitable for at least 75°C.

The ground lug of the hotplate and control unit must be connected to a suitable building ground.

### **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 disconnected from electrical power.

**DO** disconnect 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 section 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 SURFACE

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



# **CAUTION:**HOT SURFACE

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

DO NOT touch the cooking

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

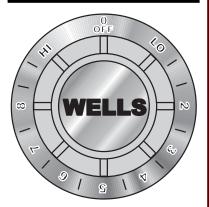


Fig. 4 Temperature Control

### **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

Disconnect 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 pour water over hotplate ceramic surface. Damage to internal components will occur. Damage to internal components from water damage is NOT covered by warranty.

**DO NOT use** steel wool, metal implements other than the provided scraper, or metal scouring pads to clean ceramic heating surface.

### **PREPARATION**

Disconnect hotplate from electrical power before cleaning. Allow hotplate to cool completely before cleaning.

### **FREQUENCY**

Daily

### **TOOLS**

Cleaning Crème PN: 2L-301124
Razor Scraper
Clean Cloth or Sponge
Mild Detergent or Cleaner Formulated for Stainless Steel
Warm Water

### **CLEANING**

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.

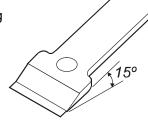


Fig. 5 Razor Scraper

Use only cook-top cleaning creme ( $p/n\ 2L$ -301124) 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 control unit 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 control unit.

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



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

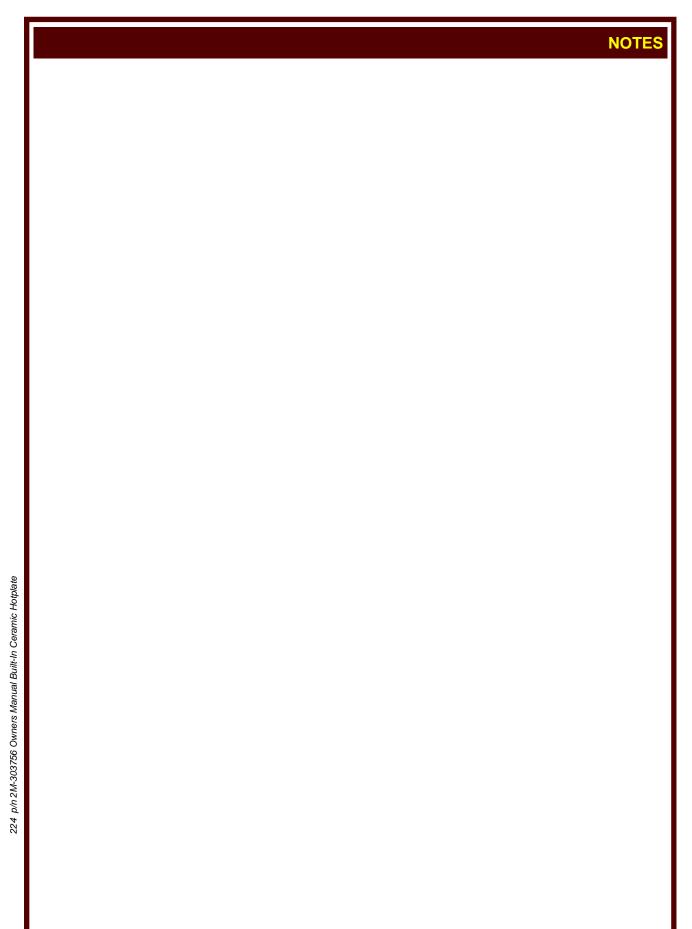
DO NOT attempt to repair a broken hotplate surface. The glass-ceramic surface is impossible to repair successfully. A broken ceramic top can cause severe injury. Contact an Authorized Wells Service Agency immediately for repairs.

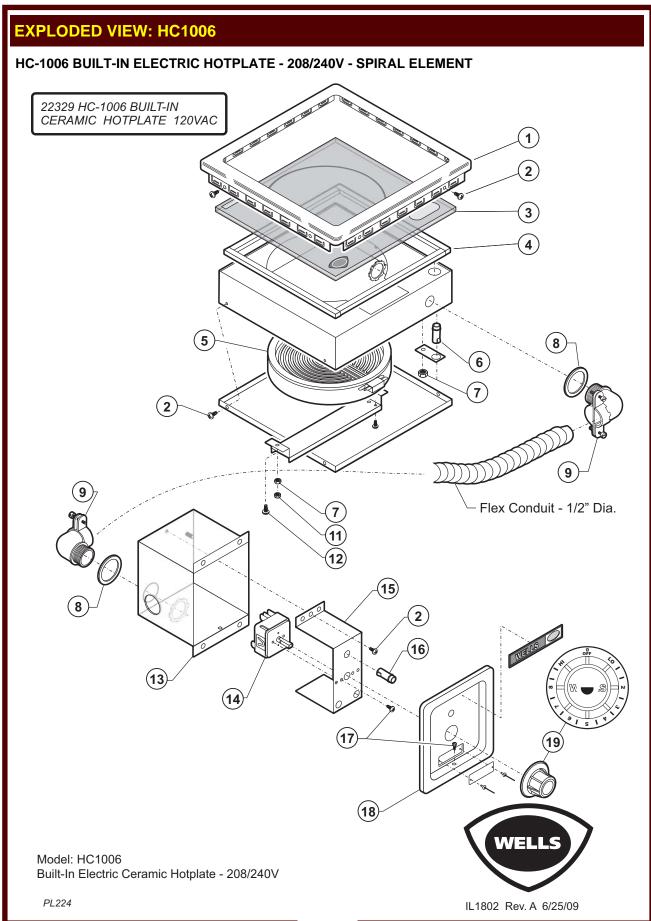
# 224 p/n 2M-303756 Owners Manual Built-In Ceramic Hotplate

# **TROUBLESHOOTING**

SYMPTOM	POSSIBLE CAUSE	SUGGESTED REMEDY
Hotplate won't heat	Disconnect turned OFF or circuit breaker tripped	Turn disconnect ON 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

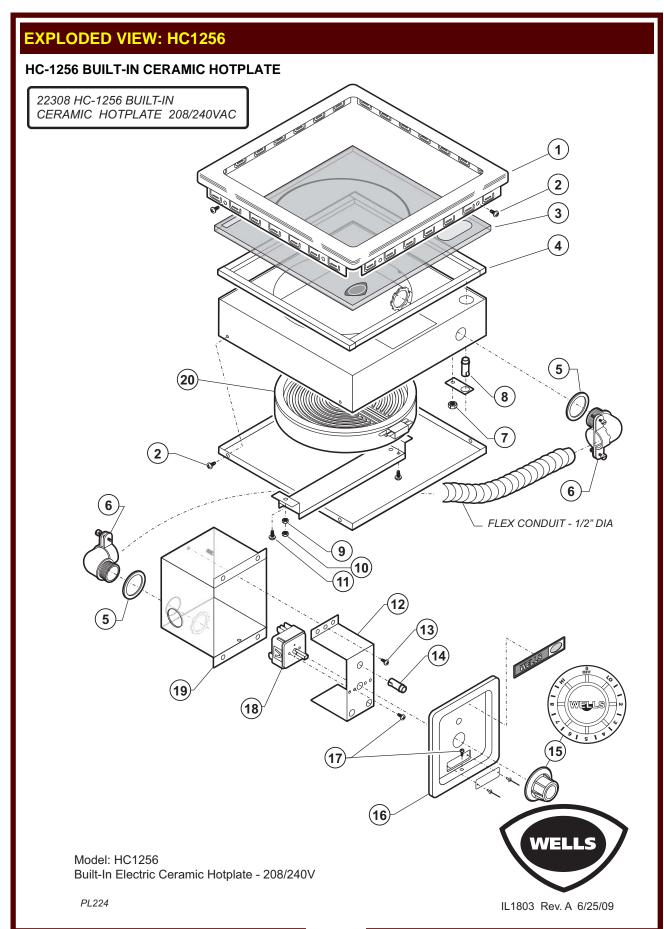
NOTE: There are no user serviceable components in the hotplate. In all cases of damage or component malfunction, contact your Authorized Wells Service Agency for repairs.





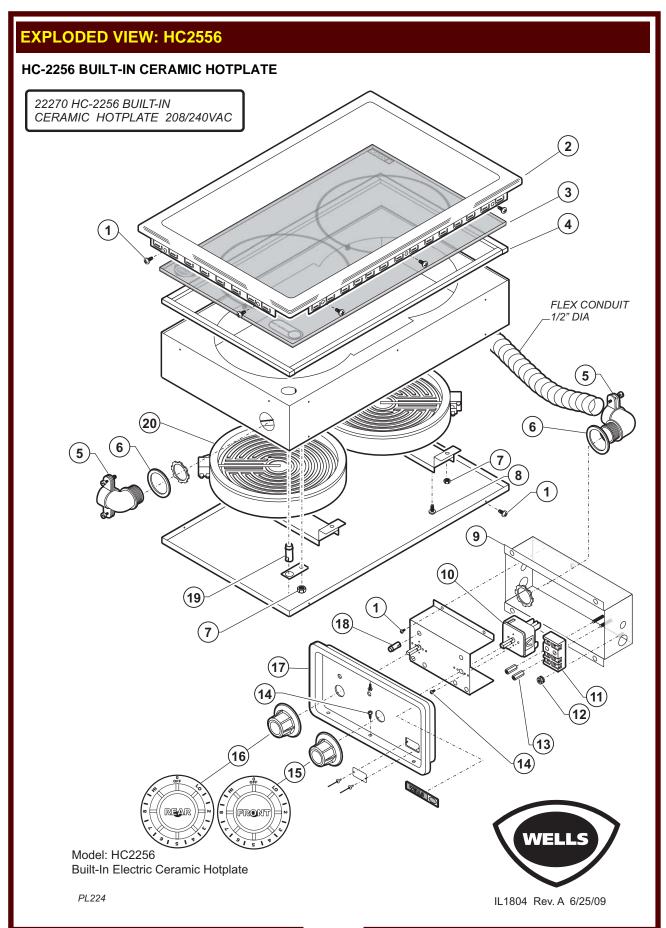
# PARTS LIST: HC1006

HC1006 Built -In Ceramic Hotplate					
Fig No.	Part No	Qty	Desctiption		
1	17-301690	1	TOP ASSY HC1006 CERAMIC		
2	2C-33935	15	SCREW 6ABX5/16 PH PAN SMS		
3	2Q-301661	1	GLASS CERAMIC HC100, HC1006		
4	2H-301213	6FT	INSUL LYTHERM HP 1/4X5/8		
5	2N-301660	1	ELEM 120V 1400W HC100		
6	2J-301121	1	LIGHT SIGNAL CLEAR 120V		
7	2C-31053	3	NUT 8-32 KEPS MS NICKEL		
8	2I-Z12311	2	GASKET-FIBER WASHER		
9	2K-34136X	2	FTG FLEX CON 90X 1/2 MOD		
7	2C-31053	3	NUT 8-32 KEPS MS NICKEL		
11	2C-35736	2	NUT 8-32 HEX KEPS MS GREEN		
12	2C-33988	2	SCREW 6AX1/2 PH PAN HD SM		
13	P2-31033	1	BOX CONTROL MOD100T ROHS		
14	2E-30570	1	SWITCH INFINITE 120V A CA		
15	P2-40843	1	BRKT MTG THERMO INFINITE		
16	WS-50385	1	LIGHT SIGNAL RED PUSH ON		
17	2C-31697	2	SCREW 8-32X3/16 PH RD HD		
18	I7-Z12221	1	PANEL FRONT		
19	2R-30371	1	KNOB ASSY WARMERS		



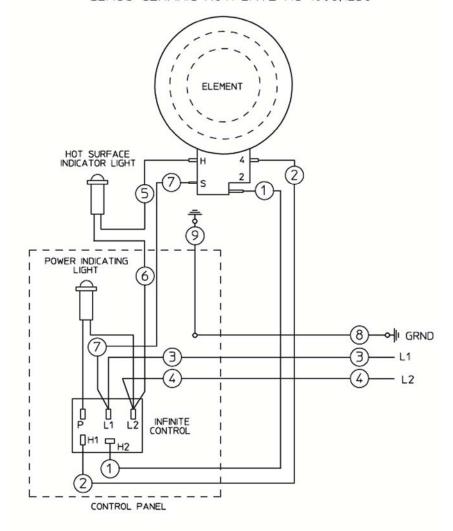
# PARTS LIST: HC1256

HC1256 Built -In Ceramic Hotplate					
Fig No.	Part No	Qty	Desctiption		
1	17-301101	1	TOP ASSY HC1256		
2	2C-33935	15	SCREW 6ABX5/16 PH PAN SMS		
3	WS-501109	1	GLASS CERAMIC HC125, HC1256		
4	WS-501213	1	INSUL LYTHERM HP 1/4X5/8X6'		
5	2I-Z12311	2	GASKET-FIBER WASHER		
6	2K-34136X	2	FTG FLEX CON 90X 1/2 MOD		
7	2C-31053	3	NUT 8-32 KEPS MS NICKEL		
8	2J-301122	1	LIGHT HOT SURFACE HC 240V		
9	2C-31053	3	NUT 8-32 KEPS MS NICKEL		
10	2C-35736	2	NUT 8-32 HEX KEPS MS GREEN		
11	2C-33988	2	SCREW 6AX1/2 PH PAN HD SM		
12	P2-40843	1	BRKT MTG THERMO INFINITE		
13	2C-33935	15	SCREW 6ABX5/16 PH PAN SMS		
14	WS-50385	1	LIGHT SIGNAL RED PUSH ON		
15	2R-30371	1	KNOB ASSY WARMERS		
16	I7-Z12221	1	PANEL FRONT		
17	2C-31697	2	SCREW 8-32X3/16 PH RD HD		
18	2E-30562	1	SWITCH INFINITE 240V A CA		
19	P2-31033	1	BOX CONTROL MOD100T ROHS		
20	2N-301120	1	ELEM 240V 2500W HC-125		



# PARTS LIST: HC2256

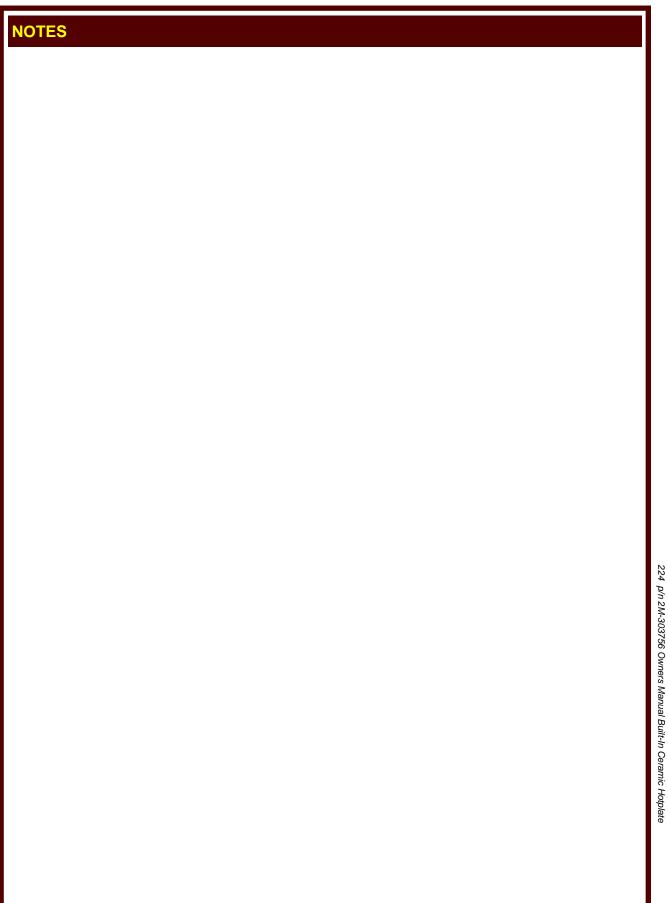
HC2256 Built -In Ceramic Hotplate					
Fig No.	Part No	Qty	Desctiption		
1	2C-33935	14	SCREW 6ABX5/16 PH PAN SMS		
2	17-301102	1	TOP ASSY HC2256		
3	WS-501110	1	GLASS CERAMIC HC225, HC2256		
4	WS-501213	1	INSUL LYTHERM HP 1/4X5/8X6'		
5	2K-34136X	1	FTG FLEX CON 90 X 1/2 MOD		
6	2I-Z12311	2	GASKET FIBER WASHER		
7	2C-31053	4	NUT 8-32 KEPS MS NICKEL		
8	2C-33988	4	SCREW 6AX1/2 PH PAN HD SM		
9	E7-49046	1	BOX OUTLET MOD WARM FRY		
10	2E-30562	1	SWITCFH INFINITE 240V A CA		
11	WS-50131	1	TERM BLOCK KIT RETRO		
12	2C-35736	2	NUT 8-32 HEX KEPS MS GREEN		
13	2C-41974	2	NUT 8-32 HEX 7/8 LONG ALU		
14	2C-31697	4	SCREW 8-32X3/16 PH RD HD		
15	2R-30583	1	KNOB ASSY FRONT HOTPLATE		
16	2R-30584	1	KNOB ARR HP91		
17	P2-Z12288	1	PANEL, CONTROL		
18	WS-50385	1	LIGHT SIGNAL RED PUSH ON		
19	2J-301122	1	LIGHT SIGNAL CLEAR 240V		
20	2N-301120	2	ELEM 240V 2500W HC-125		

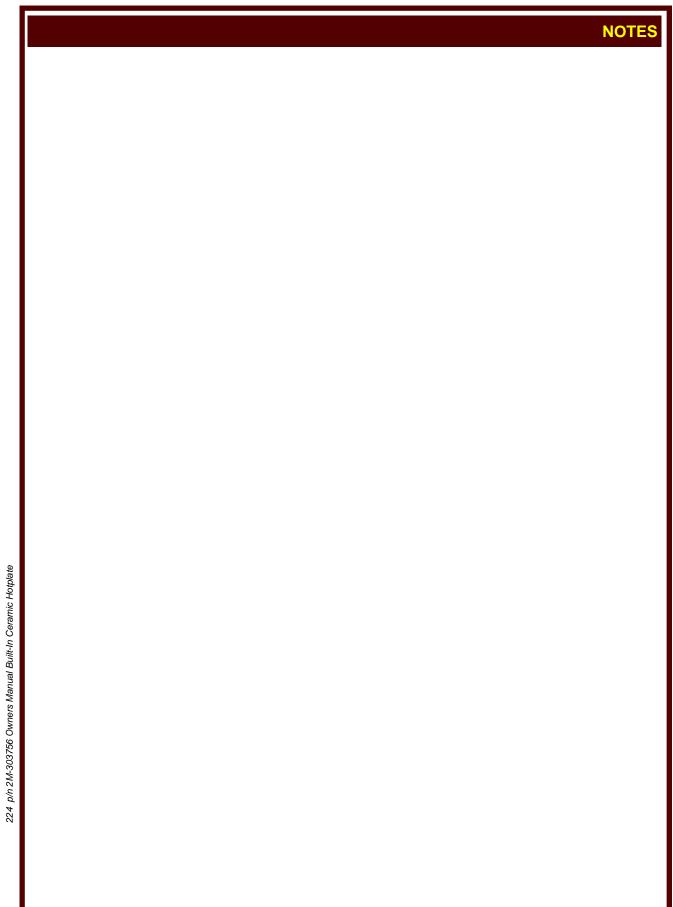


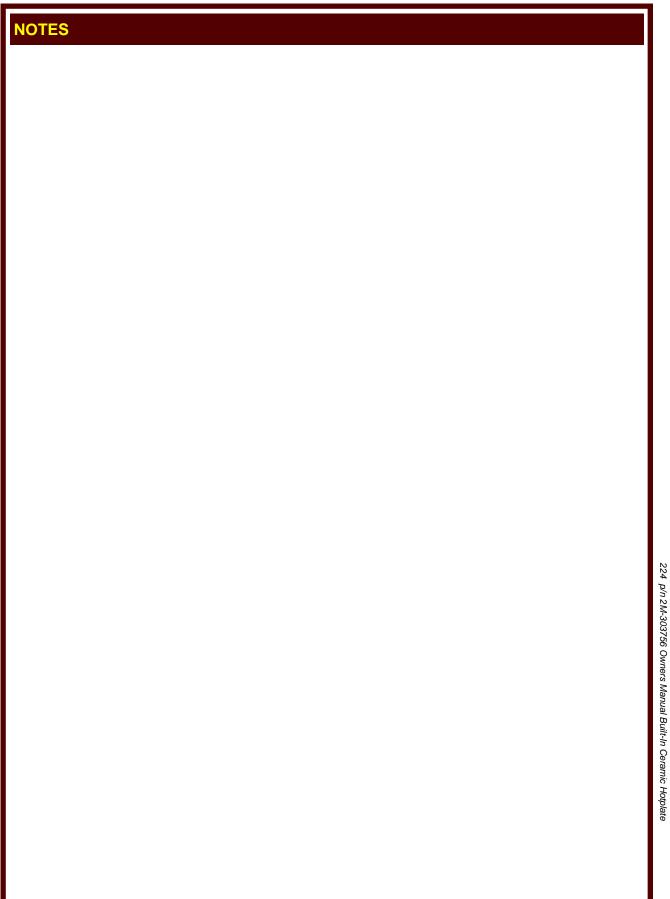
MODEL	VOLTS	KW	AMPS SINGLE PHASE
HC-1006	120	1.4	11.7
HC-1256	208	1.9	9.0
	240	2.5	10.4

PN 301113

**WIRING DIAGRAM** 







## PARTS & SERVICE

### **DESCRIPTION SERVICE IMPORTANT: Use only** factory authorized service PART NO. parts and replacement filters. SCRAPER, CLEANING 2R-302040 For factory authorized service, or to order factory CLEANING CRÈME, CERAMIC HOTPLATE 2L-301124 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 (314) 781-2714

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

CUSTOMER S please have this information av	SERVICE DATA ailable if calling for service
RESTAURANTINSTALLATION DATE	LOCATION TECHNICIAN
SERVICE COMPANY ADDRESS TELEPHONE NUMBER ()	STATE ZIP
EQUIPMENT MODEL NOEQUIPMENT SERIAL NO	
VOLTAGE: (check one) ☐ 120 ☐ 20	08 🗖 240



### Wells Bloomfield proudly supports CFESA Commercial Food Equipment Service Association

### SERVICE TRAINING - QUALITY SERVICE





### **WELLS MANUFACTURING**

265 Hobson Street, Smithville, Tennessee 37166 telephone: 314-678-6314 fax: 314-781-2714 www.wells-mfg.com