



WELLS MANUFACTURING

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Model F586



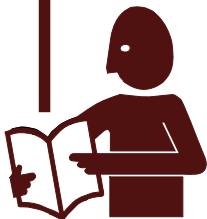
Model F886

OWNERS MANUAL

BUILT-IN ELECTRIC AUTOLIFT FRYERS

MODELS F586 F686 F886

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	
SPECIFICATIONS	1
FEATURES & OPERATING CONTROLS	2
PRECAUTIONS & GENERAL INFORMATION	3
AGENCY LISTING INFORMATION	4
INSTALLATION	4
OPERATION	6
CLEANING INSTRUCTIONS	7
TROUBLESHOOTING SUGGESTIONS	9
MAINTENANCE	10
EXPLODED VIEW & PARTS LIST	11
WIRING DIAGRAM	18
PARTS & SERVICE	21
CUSTOMER SERVICE DATA	21

INTRODUCTION

Thank You for purchasing this Wells Manufacturing appliance.

Proper installation, professional operation and consistent maintenance of this appliance 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 appliance, and to use and care for the appliance in a manner which will ensure its optimum performance.

SPECIFICATIONS

MODEL	VOLTS	AMPS	WATTS	POWER SUPPLY CORD
F586	208 VAC 1 Ø	27.6A	5.75KW	NOT SUPPLIED
	240 VAC 1Ø	24.0A	5.75KW	
F686	208 VAC 3Ø	L1=38.3A L2=22.1A L3=22.1A	9.2KW	NOT SUPPLIED
	208/240V 3Ø	L1=28.8/33.2A L2=16.6/19.2A L3=16.6/19.2A	6.9/9.2KW	
F886	208 VAC 3Ø	L1=31.9A L2=31.9A L3=31.9A	11.5KW	NOT SUPPLIED
	240 VAC 3Ø	L1=27.6A L2=27.6A L3=27.6A	11.5KW	
	480 VAC 3Ø	L1=13.8A L2=13.8A L3=13.8A	11.5KW	

FEATURES & OPERATING CONTROLS

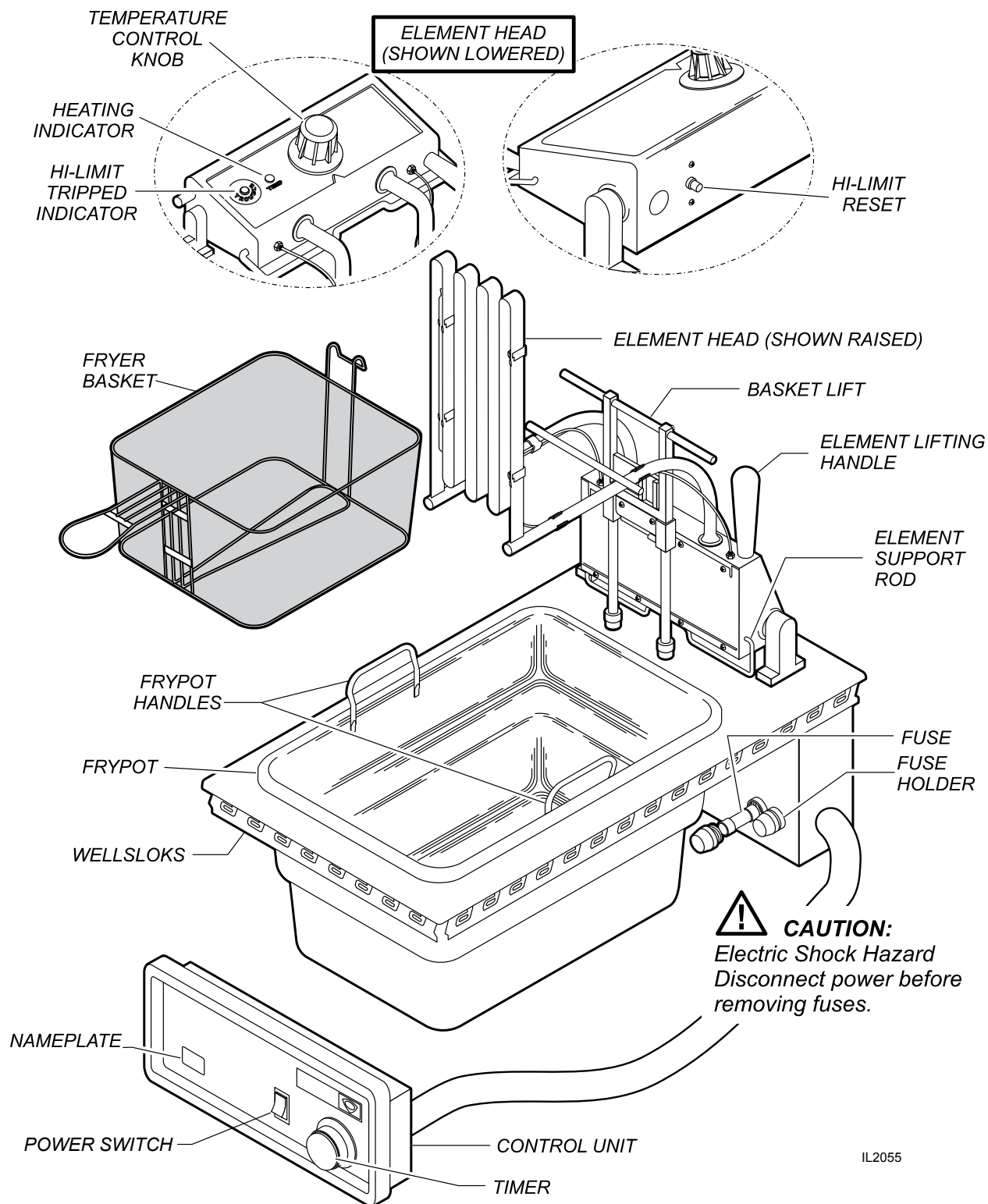


Fig. 1 Built-In Fryer Features & Operating Controls
F586 Shown - F686 and F-886 Similar

PRECAUTIONS AND GENERAL INFORMATION



DANGER: SEVERE BURN HAZARD

Contact with hot oil will cause severe burns. Always wear protective clothing and heat resistant gloves when operating the fryer or filtering the oil.



WARNING: ELECTRIC SHOCK HAZARD

All servicing requiring access to non-insulated components must be performed by qualified service personnel. DO NOT open any access panel that requires the use of tools. Failure to heed this warning may result in severe electric shock.



WARNING: BURN HAZARD

DO NOT allow water or ice to contact hot oil. DO NOT attempt to cool the oil with water or ice. The water will boil violently, causing hot oil to foam and splatter. Contact with splattering or foaming hot oil will cause severe burns.

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 this appliance from electrical power before performing any maintenance or servicing.

DO NOT submerge this appliance in water. This appliance is not jet stream approved. Do not direct water jet or steam jet at this appliance, or at any control panel or wiring. Do not splash or pour water on, in or over any controls, control panel or wiring.

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

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.



CAUTION: BURN HAZARD

Contact with hot oil may cause burns. DO NOT fill fryer beyond MAX OIL line on frypot.

For disposal of oil use only a container specifically designed for the disposal of hot oil. DO NOT fill hot oil disposal container beyond MAX OIL line.



CAUTION: RISK OF DAMAGE

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



CAUTION: HOT SURFACE

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

AGENCY LISTING INFORMATION

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

This appliance is Underwriters Laboratory recognized (UL). Since this appliance is only a single component of a complete installation, the finished installation of this UL unit requires additional evaluations to Underwriters Laboratory standards.

Refer to *Installation Instructions* included with the appliance for Underwriters Laboratories conditions of acceptability, electrical requirements and other installation concerns.



INSTALLATION

UNPACKING & INSPECTION

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

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

Read and understand all attached labels and diagrams.

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

CUT-OUT AND INSTALLATION

Cutouts

- Fryers may be installed in METAL COUNTERS ONLY.
- Cutout dimensions for fryers and control panels are listed on the *Installation Instructions* provided with the fryer.
- Refer to the *Installation Instructions* for Underwriters Laboratories Conditions of Acceptability.

Mounting the fryer:

- Verify that provided sealants are applied to the under side of the fryer top flange prior to setting the unit into the cutout.
- After installation, verify that the tabs on the Wellsloks are turned out to lock the appliance into the counter (see Fig. 2).
- Apply a thin bead of food-grade silicone sealant around the flange to seal it to the counter.

Refer to the *Installation Instructions* for required clearances. Maintain required clearances between the appliance and adjacent combustible and non-combustible surfaces.

Sufficient overhead clearance must be provided to allow the element assembly to be raised. Refer to the *Installation Instruction Sheet* for required clearances.

Avoid storing flammable or combustible materials near the appliance. This includes gasoline and other fuels, mops, rags and wrapping paper.

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.

IMPORTANT: This is a GENERAL GUIDE. For specific equipment and cutout dimensions, and other installation details, refer to the *Installation Instructions* supplied with the appliance.

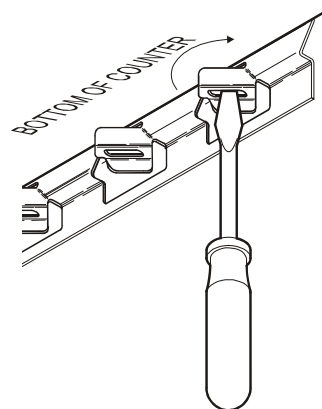


Fig. 2 Set the Wellsloks

IMPORTANT: Water damage caused by failure to set Wellsloks, failure to install gasket, or failure to seal flange to counter is **NOT** covered by warranty.

INSTALLATION (continued)



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 which requires the use of tools. Failure to follow this warning can result in severe electrical shock.

FRYER ELECTRICAL INSTALLATION

Fryers must be connected directly to an appropriately sized electric circuit. Conduit and strain relief must be provided by the electrician. Refer to equipment nameplate for voltage and amperage requirements.

Raise the element head, remove the frypot and the cover at the rear of the fryer to gain access to the terminal block. The electrical inlet is provided by a knock-out in the rear panel.

If an equipment shutdown interface is required by local fire code, the flame sensor terminal block may be accessed by removing the back panel. Replace the jumper of the terminal block with wiring to a normally closed contact of the building fire management system. DO NOT connect power to the flame sensor terminal block. Wiring and contacts must be capable of handling 30 amps.

F-686 and F-886 fryers are shipped from the factory wired for three phase. Conversion to single phase must be performed in the field by the electrician.



CAUTION: RISK OF DAMAGE

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



CAUTION: SHOCK HAZARD

The ground lug of F586 and F-686 fryers must be connected to a suitable building electric ground.

IMPORTANT:

Damage due to being connected to the wrong voltage or phase is NOT covered by warranty.

NOTE:

F-58 and F-68 fryers are shipped from the factory with the basket lift in the *UP* position.

OPERATION



DANGER: BURN HAZARD

Contact with hot oil will cause severe burns.

Always wear protective clothing and heat resistant gloves when operating the fryer.



CAUTION: HOT SURFACE

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

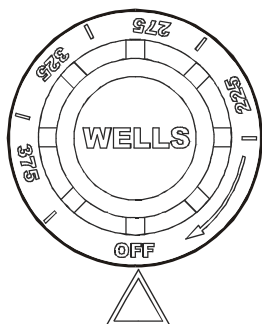


Fig.

3 Temperature Control Knob

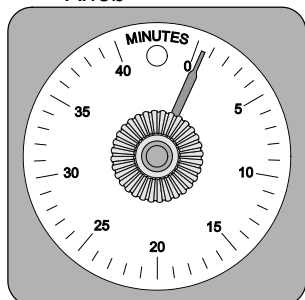


Fig. 4 Timer

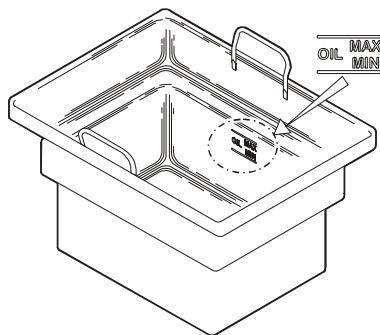


Fig. 5 Oil Level Marking

NORMAL OPERATION

1. a. Be sure TEMPERATURE CONTROL KNOB is turned to OFF.
b. Lower element head into frypot by pulling back on ELEMENT LIFTING HANDLE, raising ELEMENT HEAD SUPPORT ROD, then carefully lowering elements into frypot.

2. Fill FRYPOT with commercial-grade liquid shortening to MIN OIL line. Capacity is 15 pounds (F-58), or 30 pounds (F-68 and F-88).

IMPORTANT: DO NOT overfill frypot. Cold oil will expand as it heats. Adding too much oil will allow frypot to overflow during operation. For best results, always use top grade commercial shortening made specially for frying. Maintain proper oil level in frypot during operation.

3. Turn TEMPERATURE CONTROL KNOB to desired temperature. Press HEATER switch to ON position. HEAT INDICATOR will glow. When oil reaches the desired temperature, heat indicator will go out. Heat indicator will go off and on during operation as thermostat cycles to maintain temperature.

For best results: DO NOT set temperature control to a temperature setting higher than is required for the food product.

4. Load either or both baskets no more than 1/2 full with food product. DO NOT overload fry baskets. For best results, load baskets uniformly to half full. Hang the basket on the basket LIFT.
5. Set TIMER DIAL to the desired cooking time. Press the red button on the timer to lower the basket into the hot oil. When food is cooked, basket will be lifted out of the oil. Handle the hot basket only by the basket handle.
5. When heat indicator light cycles off, fryer is ready to cook next load.
6. Reduce temperature control to 225°F during idle periods to save power and extend life of the oil. Fryer will return to operating temperature in just a few minutes when needed.

IMPORTANT: Press POWER switch to OFF when raising element head to avoid injury or damage.

7. Keep fryer clean at all times. Rinse baskets frequently, and dry thoroughly, in order to prevent oil contamination.
8. Drain the frypot completely after use. Filter the oil daily, or more often during heavy use.

NOTE: If the oil temperature exceeds 440°F, the hi-limit safety will shut down the unit, and light the red TROUBLE light. To reset: Allow the oil to cool, then press the red button on the back of the element head until it “clicks” and stays in. If tripping persists, see Troubleshooting Suggestions, page 9.

CLEANING INSTRUCTIONS



DANGER: BURN HAZARD

Contact with hot oil will cause severe burns. Allow the fryer to cool before cleaning. Always wear protective clothing and heat resistant gloves when cleaning the fryer.

PREPARATION

Turn temperature control and heat switch *OFF*
Allow fryer to cool completely before cleaning
Unplug fryer from receptacle before cleaning

FREQUENCY

Daily, or as needed

TOOLS

Mild Detergent, Non-abrasive cleanser
Soft Cloth or Sponge, Plastic Scouring Pad
Container for disposal of used oil.



CAUTION: SHOCK HAZARD

Disconnect fryer from electric power before cleaning.



CAUTION: BURN HAZARD

Allow fryer to cool completely before cleaning.



CAUTION: SHOCK HAZARD

Do not submerge fryer in water.

CLEANING

1. Be sure basket lift is UP. Turn temperature control and power switch OFF. Disconnect fryer from electric power.
2. Remove fry baskets, then swing element head up and out of frypot.
NOTE: Element support rod is spring-loaded. When element head is raised, support rod will automatically swing into position to keep element head raised.
3. Allow oil to cool to a safe temperature (120°F or less). Carefully remove frypot: wearing heat-resistant gloves, lift frypot by the handles. Drain frypot oil into a suitable container.
4. Frypot and baskets may be washed in a dishwasher, or with warm water and mild detergent. Rinse thoroughly and dry completely.
5. Wipe/brush all crumbs, breading and cooking debris from elements. Pay particular attention to the area between the element and the thermobulbs. Be careful that the capillary tubes of the thermobulbs are not moved or damaged during cleaning.
6. Keep all exterior surfaces free from splashed grease by wiping with a clean cloth dampened with warm water and mild detergent. A non-abrasive detergent and plastic scouring pad may be used for stubborn deposits.
IMPORTANT: DO NOT use steel wool or abrasive cleansers as these will damage the surface finish.
IMPORTANT: DO NOT submerge fryer in water. DO NOT spill or pour water into controls, control panel or wiring. Damage to internal components will occur.
7. Be certain frypot is completely dry, then reinstall in fryer.
 - a. Be sure the TEMPERATURE CONTROL KNOB and HEAT switch are turned OFF, then reconnect unit to electric power.
 - b. Lower the element head into the frypot by pushing back on the ELEMENT LIFTING HANDLE, raising the SUPPORT ROD, then carefully lowering the elements.
 - c. Add new or filtered oil to the MIN OIL line in frypot

Procedure is complete.

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

DO NOT submerge fryer in water. Damage to internal components will occur.

Damage to internal components from water damage is **not** covered by warranty.

IMPORTANT: DO NOT use steel wool or abrasive cleansers for cleaning the fryer cabinet or frypot.

To remove carbonization from frypot and element, see *PERIODIC CLEANING* on page 10.

IMPORTANT: Nickel plated frypot must be dried completely in order to prevent rusting, and to eliminate water contamination of the cooking oil.

DISPOSAL OF USED OIL



DANGER: BURN HAZARD

Contact with hot oil will cause severe burns. Allow the fryer to cool before cleaning.
Always wear protective clothing and heat resistant gloves when handling hot oil.

PREPARATION	Turn temperature control and heat switch <i>OFF</i> Allow fryer to cool completely before draining
FREQUENCY	Daily, or as needed
TOOLS	Container for disposal of used oil.



CAUTION: BURN HAZARD

Allow fryer to cool completely before draining.

OIL DISPOSAL

1. Turn temperature control and heat switch *OFF*.
 2. Allow oil to cool to a safe temperature (120°F or 50°C).
 3. Raise element head and lift frypot out of fryer by the frypot handles.
 4. Dispose of the used oil in an approved oil disposal receptacle, or filter for reuse.
 5. Wipe frypot clean and reinstall in the fryer.
- Procedure is complete.



CAUTION: SLIP AND FALL HAZARD

Clean up oil spills immediately. Slipping in oil can cause injury.



CAUTION: HEALTH HAZARD

Clean up oil spills immediately. Oil provides an environment for the growth of bacteria, which presents a health hazard.

TROUBLESHOOTING SUGGESTIONS

DESCRIPTION	POSSIBLE PROBLEM	SUGGESTED REMEDY
Fryer will not heat	Not plugged in or circuit breaker tripped	Plug into proper receptacle. Reset circuit breaker
	Fuse blown	Contact Wells Authorized Service Agency for repairs
	Power switch not ON	Press heat switch ON
	Temperature control knob not set to desired temperature	Set to desired temperature
	Hi-limit safety tripped	Clean element ¹ , reset hi-limit
	Damaged internal component	Contact Wells Authorized Service Agency for repairs
Fryer will not maintain temperature	Temperature control thermostat thermobulb contaminated with cooking	Clean element ²
	Damaged internal component	Contact Wells Authorized Service Agency for repairs
Fryer leaks oil	Damaged frypot	Contact Wells Authorized Service Agency for repairs
Element head will not raise	Frypot out of position, or has excess cooking debris in bottom	Check frypot for position, Clean frypot
Element head will not stay in the up position	Damaged hinge bracket or support rod	Contact Wells Authorized Service Agency for repairs
Element head will not lower	Damaged hinge bracket or support rod	Contact Wells Authorized Service Agency for repairs
Basket lift will not lower	Timer not set	Set to desired cook time
	Timer "PUSH" button not pushed	Push to start
	Damaged internal component	Contact Wells Authorized Service Agency for repairs
Basket lift will not raise	Damaged internal component	Contact Wells Authorized Service Agency for repairs

- 1 The hi-limit safety is designed to shut down the fryer if the oil temperature exceeds 440°F. A build-up of cooking debris between the heating element and the thermobulb of the hi-limit safety will cause the hi-limit to trip prematurely. Clean the element so that oil may circulate freely between the element and the thermobulb. Reset the safety by pressing the red button on the back of the element head.
- 2 A build-up of cooking debris between the heating element and the thermobulb temperature control thermostat will cause inconsistent temperatures. Clean the element so that oil may circulate freely between the element and the thermobulb.

MAINTENANCE

Periodic cleaning is necessary to remove carbonization from the elements and frypot.

Frypot may be cleaned by the method described at right, or with a commercial frypot cleaner. Be sure to follow the manufacturer's directions.

Before cleaning, ALWAYS:

- Disconnect the fryer from electrical power and allow to cool.
- Drain the oil and wipe out the frypot.

PERIODIC CLEANING

Add 1/2 cup of granulated dishwasher detergent to frypot. Fill with water to the MAX OIL line.

Lower the element into the frypot and set the control knob to 225°F

Boil the mixture for five minutes. Turn the control knob to OFF. Allow the mixture to set in the frypot overnight.

After the soak period, raise the elements and remove any remaining carbonization with a stiff bristle brush. Be careful that the capillary tubes of the thermobulbs are not moved or damaged during cleaning.

Drain the frypot and wash with warm water and mild detergent.

Reinstall the frypot in the fryer. Add 1 quart of vinegar, then fill to the MAX OIL line with cold water.

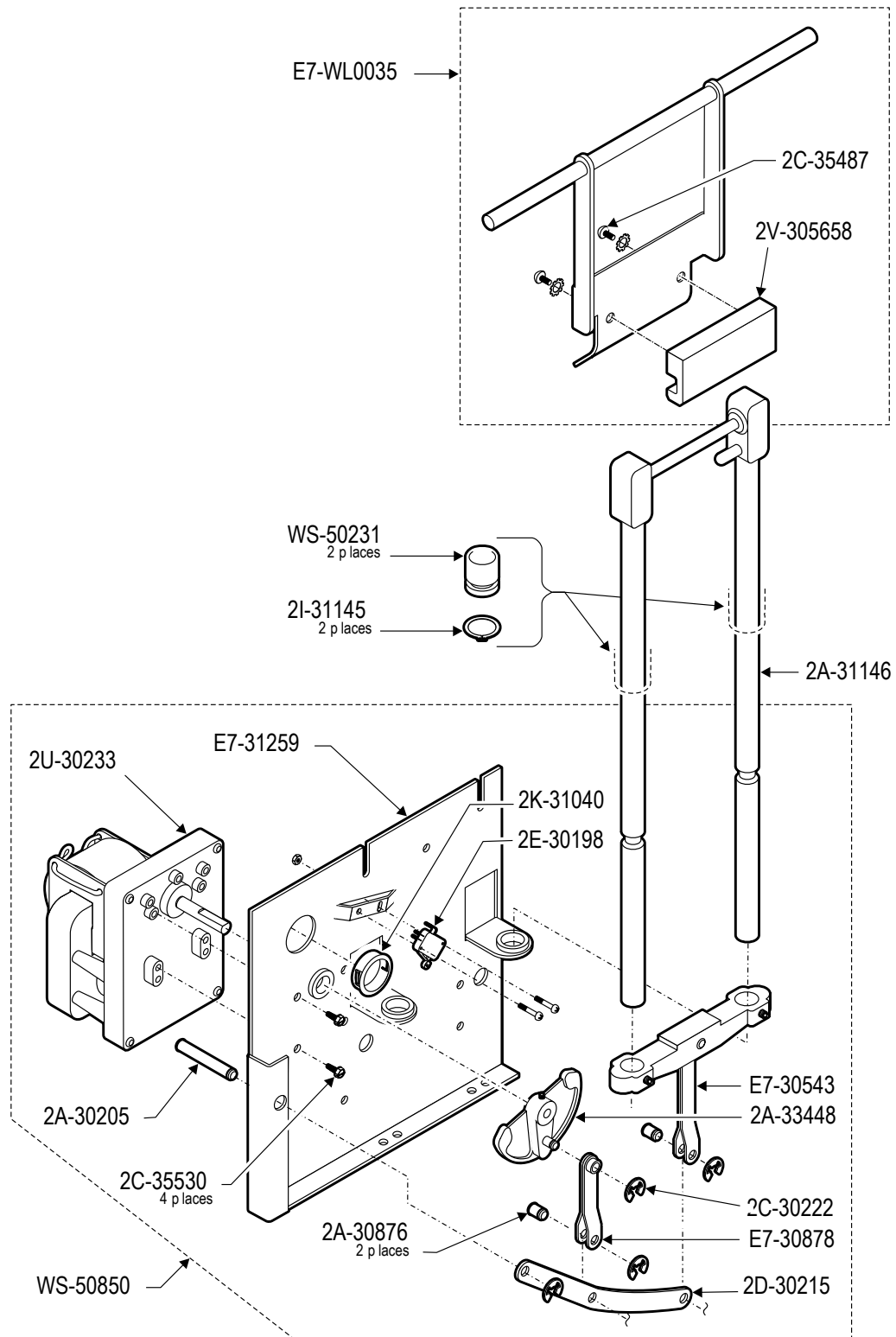
Lower the elements into the vinegar solution. Allow to set for 15 minutes.

Drain the frypot and rinse with clean water. Dry the frypot and elements thoroughly before returning the fryer to operation.

IMPORTANT: Nickel plated frypot must be dried completely in order to prevent rusting, and to eliminate water contamination of the cooking oil.

EXPLODED VIEW & PARTS LIST

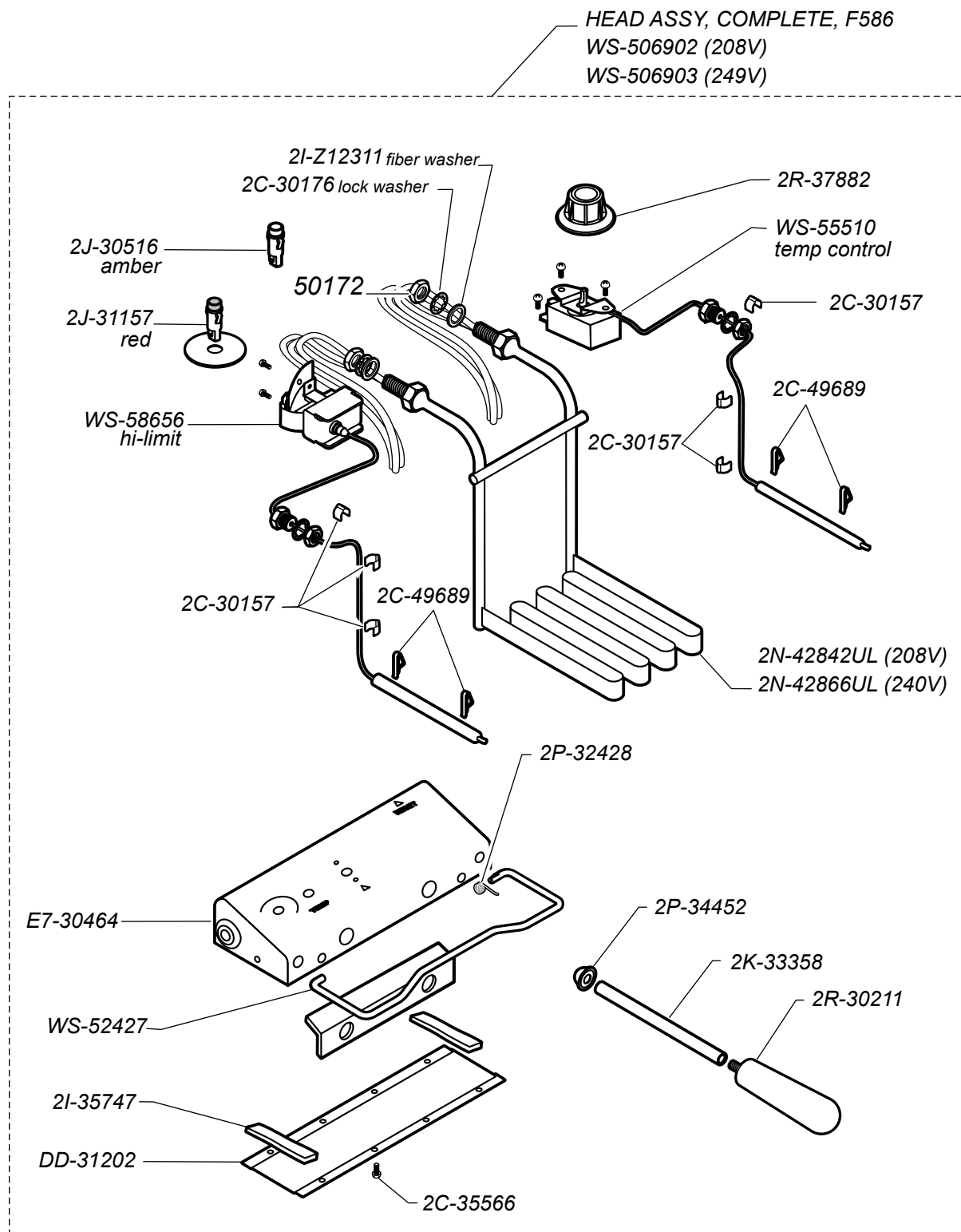
AUTOLIFT COMMON COMPONENTS



Wells: Fryer Autolift Exploded View
IL1728 7/12/10

EXPLODED VIEW & PARTS LIST

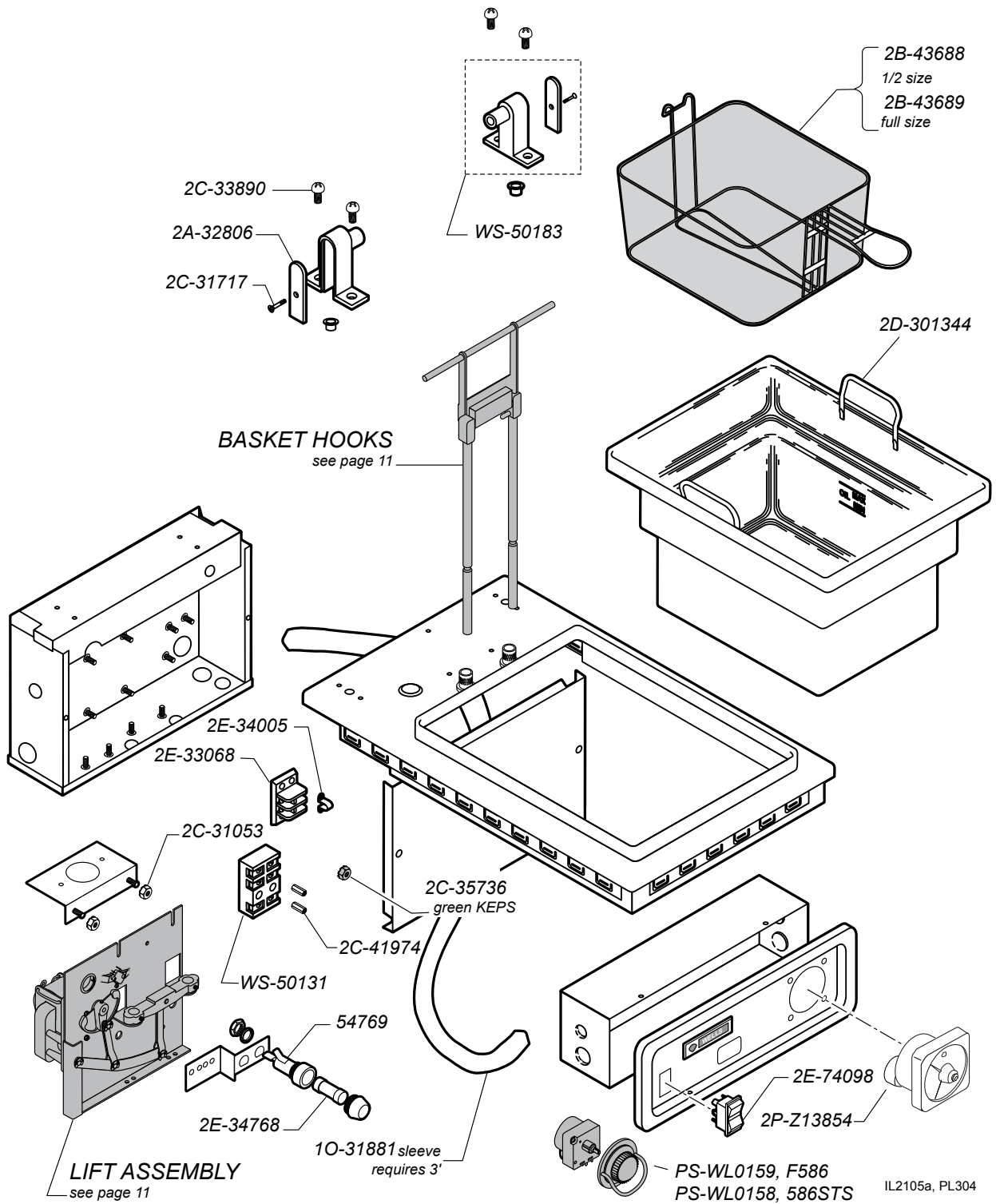
F586 BUILT-IN SINGLE-HEAD AUTOLIFT FRYER - FRY HEAD COMPONENTS



IL2104, PL304

EXPLODED VIEW & PARTS LIST

F586 BUILT-IN SINGLE-HEAD AUTOLIFT FRYER - CABINET COMPONENTS

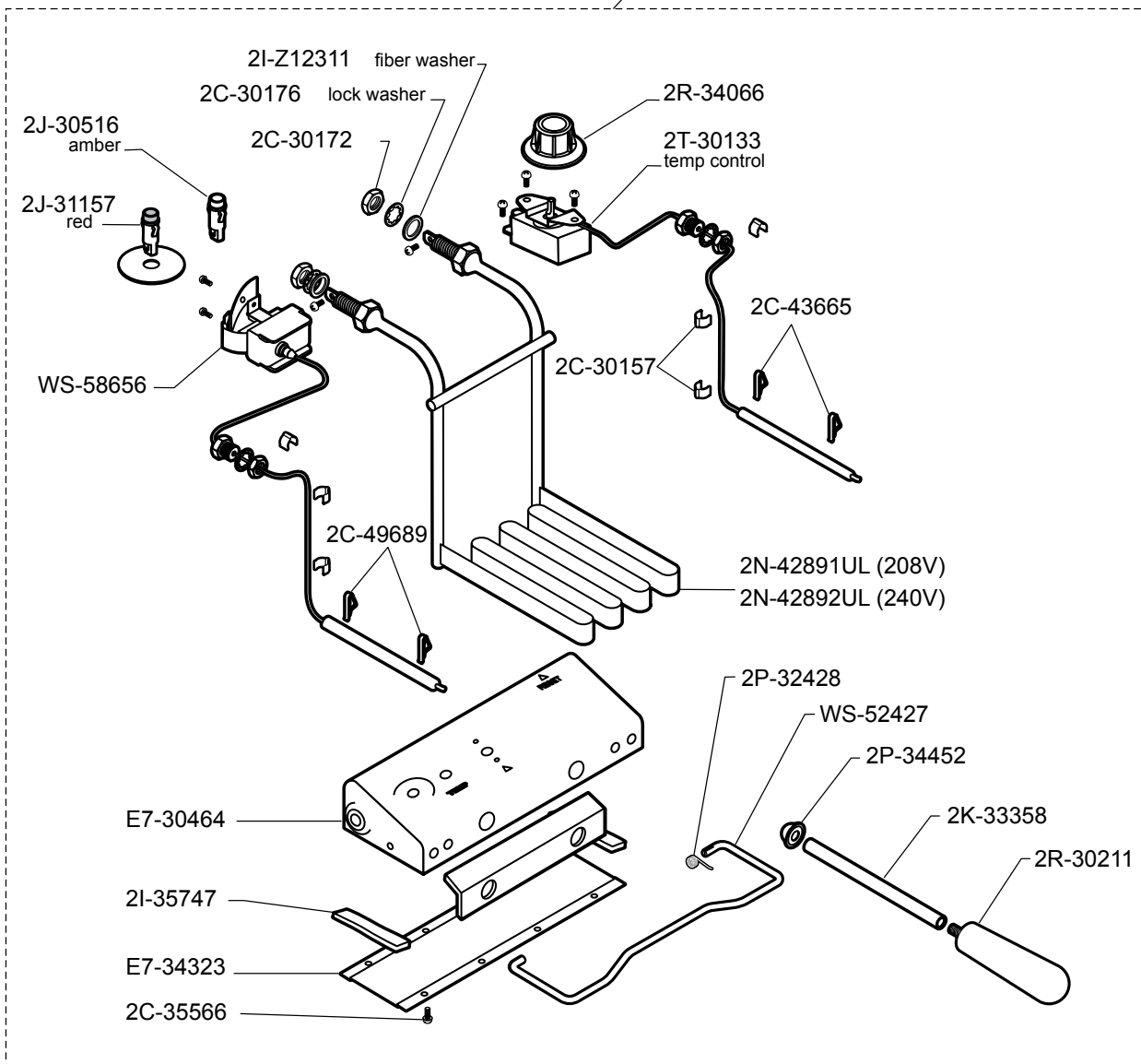


EXPLODED VIEW & PARTS LIST

F686 BUILT-IN DUAL-HEAD AUTOLIFT FRYER - FRY HEAD COMPONENTS

NOTE: Unit has two identical fryer heads. Only one is shown.

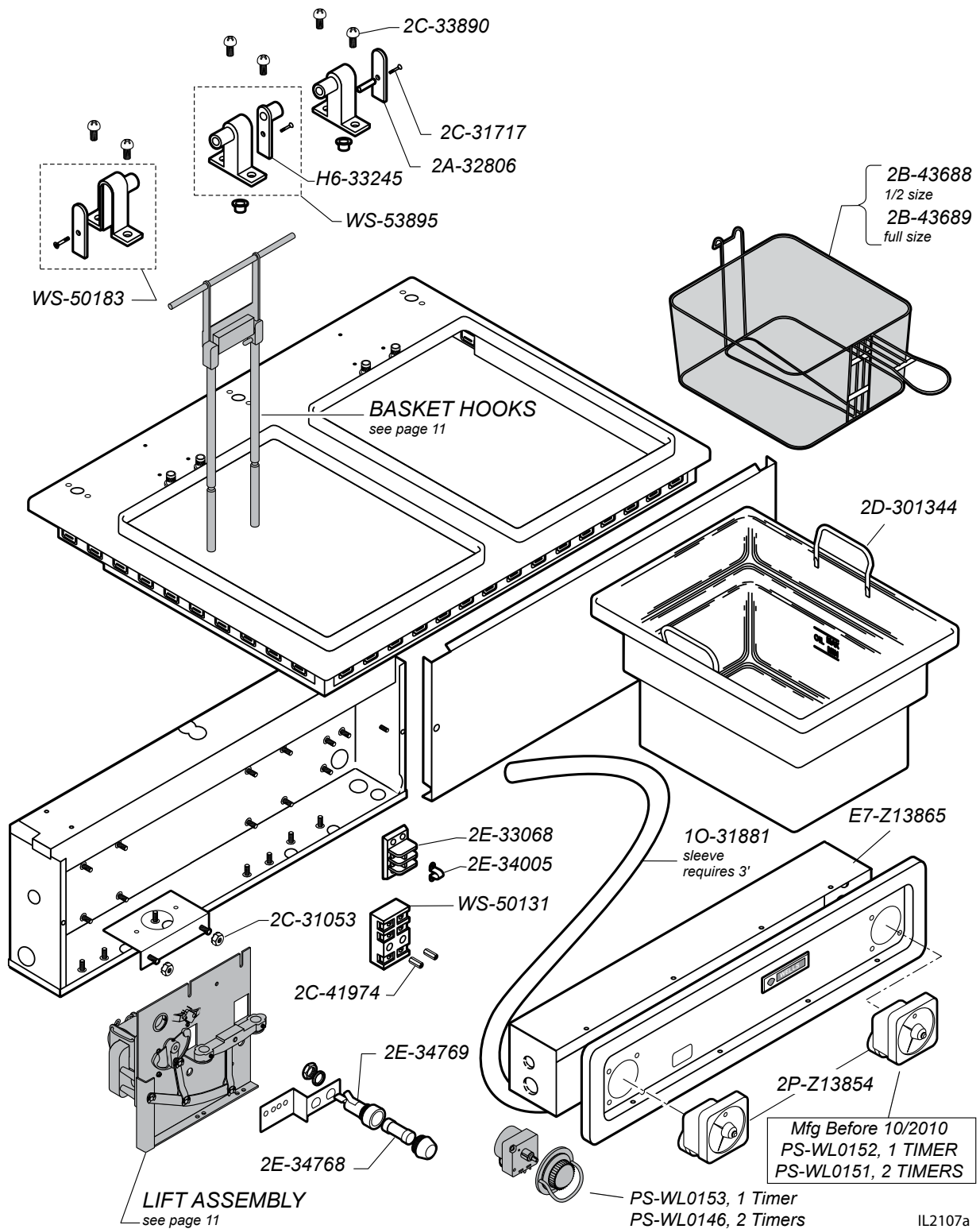
HEAD ASSY, COMPLETE, F-686
WS-62920 (208/240V)



IL2106

EXPLODED VIEW & PARTS LIST

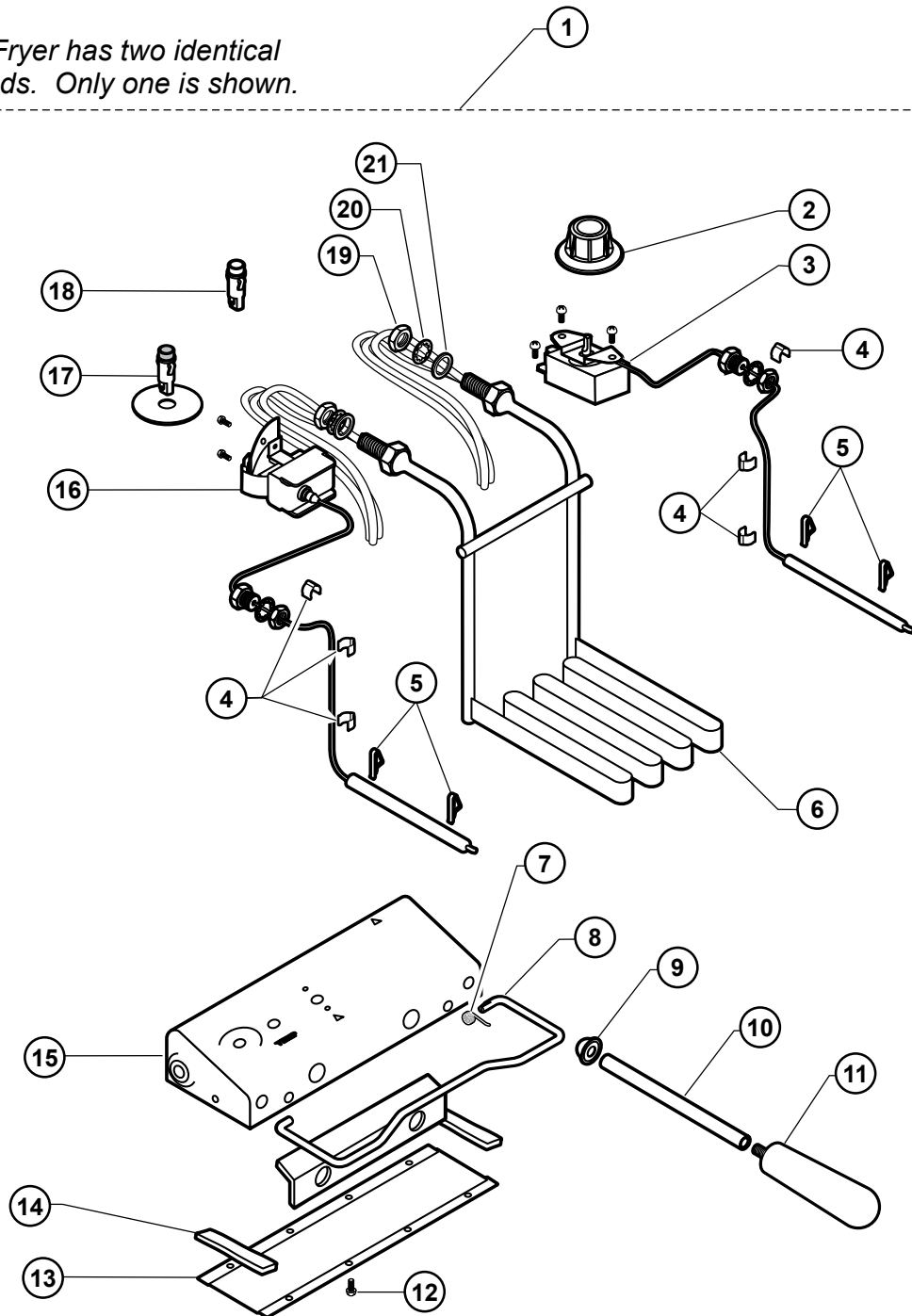
F686 BUILT-IN DUAL-HEAD AUTOLIFT FRYER - CABINET COMPONENTS



EXPLODED VIEW: F886

F886 BUILT-IN DUAL-HEAD AUTOLIFT FRYER - FRY HEAD COMPONENTS

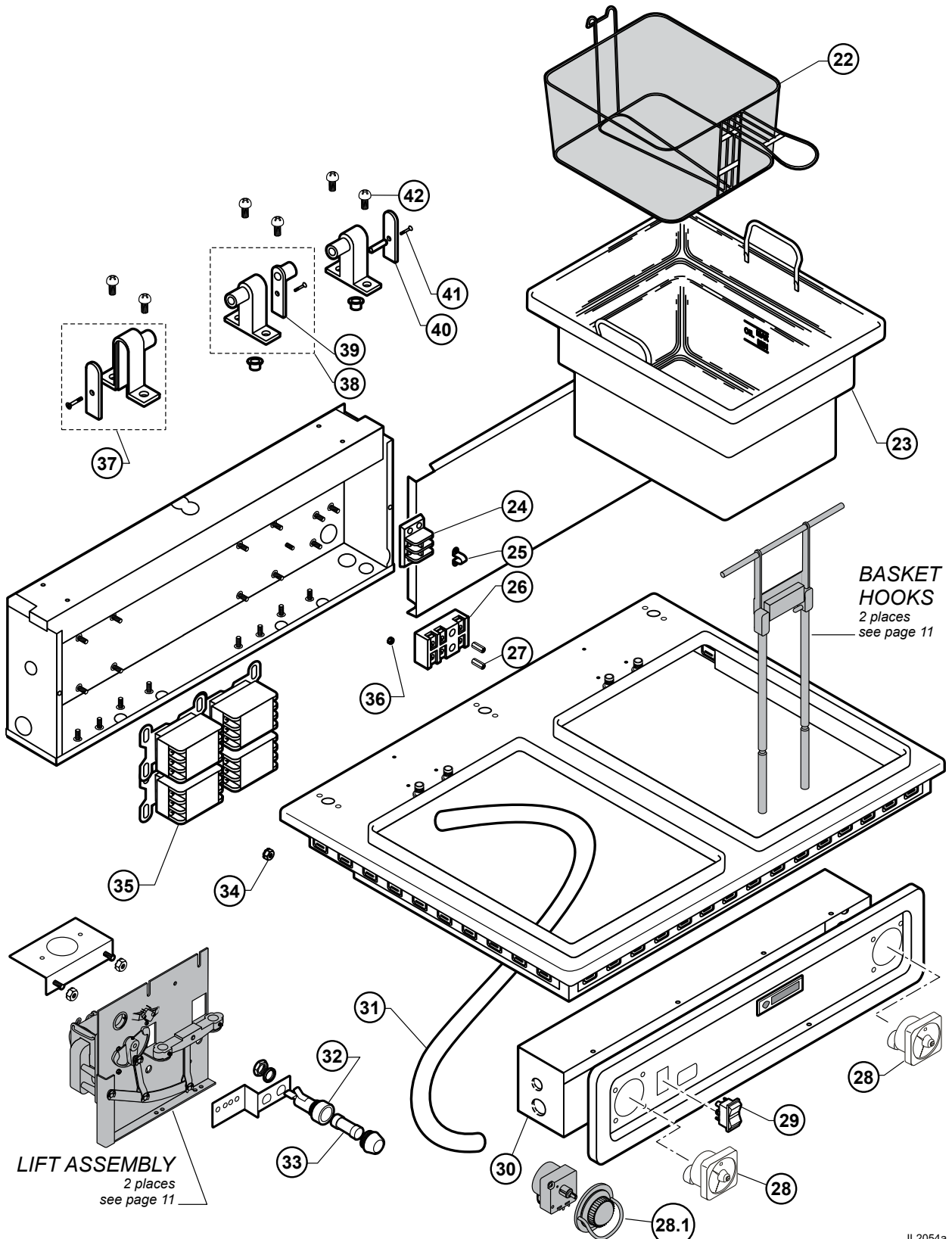
NOTE: Fryer has two identical fryer heads. Only one is shown.



IL2053

EXPLODED VIEW: F886

F886 BUILT-IN DUAL-HEAD AUTOLIFT FRYER - CABINET COMPONENTS

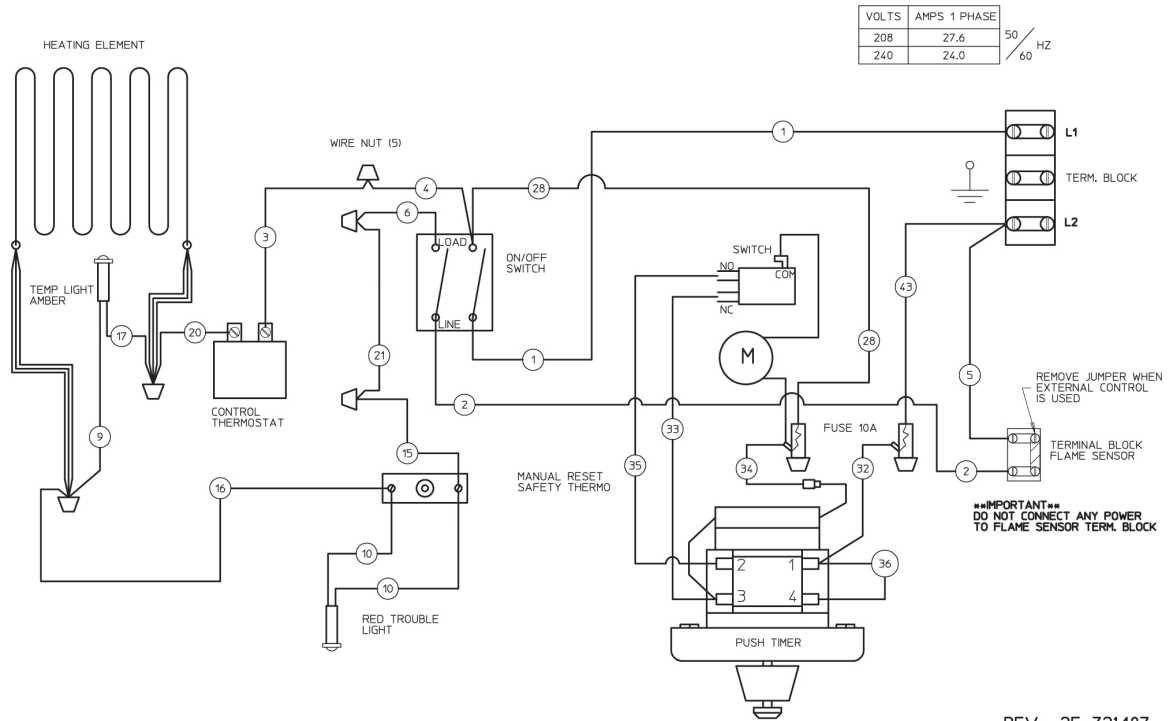


PARTS LIST: F886

F886 BUILT-IN DUAL-HEAD FRYER PARTS LIST			
Fig No	Part No	Description	Application
1	WS-62926	HEAD ASSY F88-6 208V STS	208V
	WS-62927	HEAD ASSY F88-6 240V STS	240V
	WS-62499	HEAD ASSY 480V F-856	480V
2	2R-37882	KNOB CONTROL ASSY AUTOFRY	
3	WS-55510	THERMO CTRL FRYER KP-715	
4	2C-30157	CLIP CAPILLARY	
5	2C-49689	CLMP BULB SS F49/F58RT	
6	2N-42842UL	ELEM 208V 5750W	208V
	2N-42866UL	ELEM 240V 5750W	240V
	2N-42317UL	ELEM 480V 5.75KW	480V
7	2P-32428	SPRING SUPPORT ROD FRYER	
8	WS-52427	ROD SUPPORT SHORT HEAD	
9	2P-34452	CAP PUSH ON TYPE BASKET	
10	2K-33358	ADAPTER HANDEL	
11	2R-30211	HANDLE LIFT GRAY	
12	2C-35566	SCREW 6-32X1/4 PH TR HD	
13	E7-35028	COVER CONTROL BOX WO/SAF-	
14	2I-35747	GASKET DRWR RWS CLOSED	
15	E7-30464	BOX CONTROL ASSY	
16	WS-58656	HI-LIMIT MAN RESET 440F	
17	2J-31157	LIGHT SIGNAL RED	
18	2J-30516	LIGHT SIGNAL AMBER	
	M3-WL0113	ASSY PILOT LIGHT AMBER	480V
19	2C-30172	NUT 7/8-14 HEX	
20	2C-30176	WASHER LOCK FTG TUBE FRAM	
21	2C-31777	WASHER LOCK 1/2 ID SEMS	
22	2B-43688	BASKET WIRE TWIN	
	2B-43689	BASKET WIRE SINGLE	
23	2D-301344	POT, 15LB CAP	
24	2E-33068	TERM BLOCK FLAME SENSOR	
25	2E-34005	JUMPER FLAME SENSOR TERM	
26	WS-50131	TERM BLK KIT -3 POLE, 85AMP	208/240V
	2E-30252	TERM BLOCK	480V
27	2C-41974	NUT 8-32 HEX 7/8 LONG ALU	
28	PS-WL0152	1 TIMER REPLACEMENT KIT 48469	
	PS-WL0151	2 TIMER REPLACEMENT KIT 48469	
	2P-Z13854	TIMER 40MIN 240V 60HZ WFA	Mfg After 10/2010
28.1	PS-WL0153	1 TIMER RETROFIT KIT 30227	
	PS-WL0147	2 TIMER RETROFIT KIT 30227	
	PS-WL0148	2 TIMER RETROFIT KIT 30227	WVF886
29	2E-35127	SWITCH RKR PLSTC AMBER LT	
30	E7-Z13865	CONTROL BOX	
31	10-31881	SLEEVEING VARGLAS C-2 5/8	
32	2E-34769	FUSEHLDR HPG-EE 10A 240V	
33	2E-34768	FUSE SC-10 10A 300V	
34	2C-31053	NUT 8-32 KEPS MS NICKEL	
35	2E-Z14960	CONTACTOR, 40A 208/240COIL	208/240V
	2E-303474	CONTACTOR 40A 4P 208-240V	WVF886-400
36	2C-35736	NUT 8-32 HEX KEPS MS GRN	
37	WS-50183	HINGE BRACKET END	
38	WS-53895	CTR PVT BRKT	
39	H6-33245	COVER PIVOT DBL TUMBLE DE	
40	2A-32806	COVER PIVOT BRKT TUMBLED	
41	2C-31717	SCREW 8-32X7/8 PH FL	
42	2C-33890	SCREW 12-24X3/4PH PAN	
NI	2E-40873	TRANSFORMER 480V TO 240V	480V

WIRING DIAGRAM

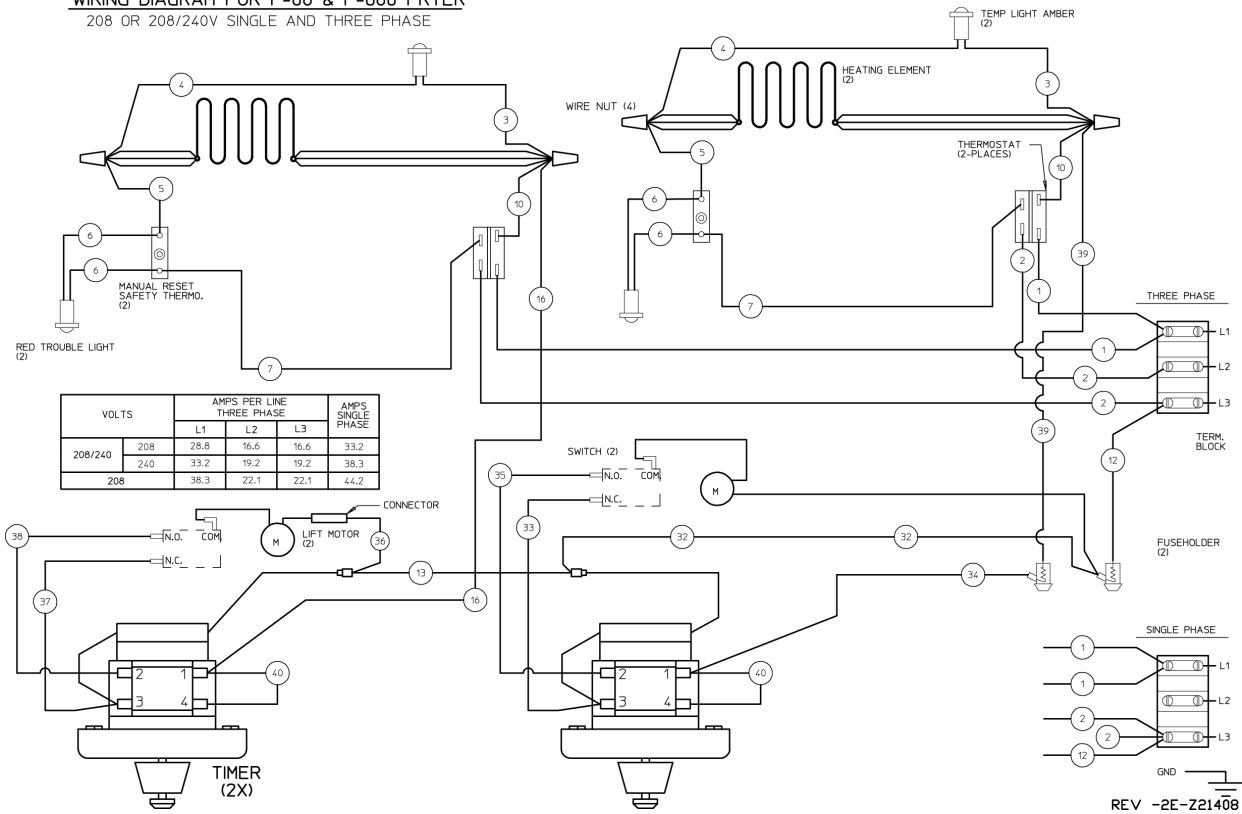
WIRING DIAGRAM FOR F-58 FRYERS 208V OR 240V SINGLE PHASE



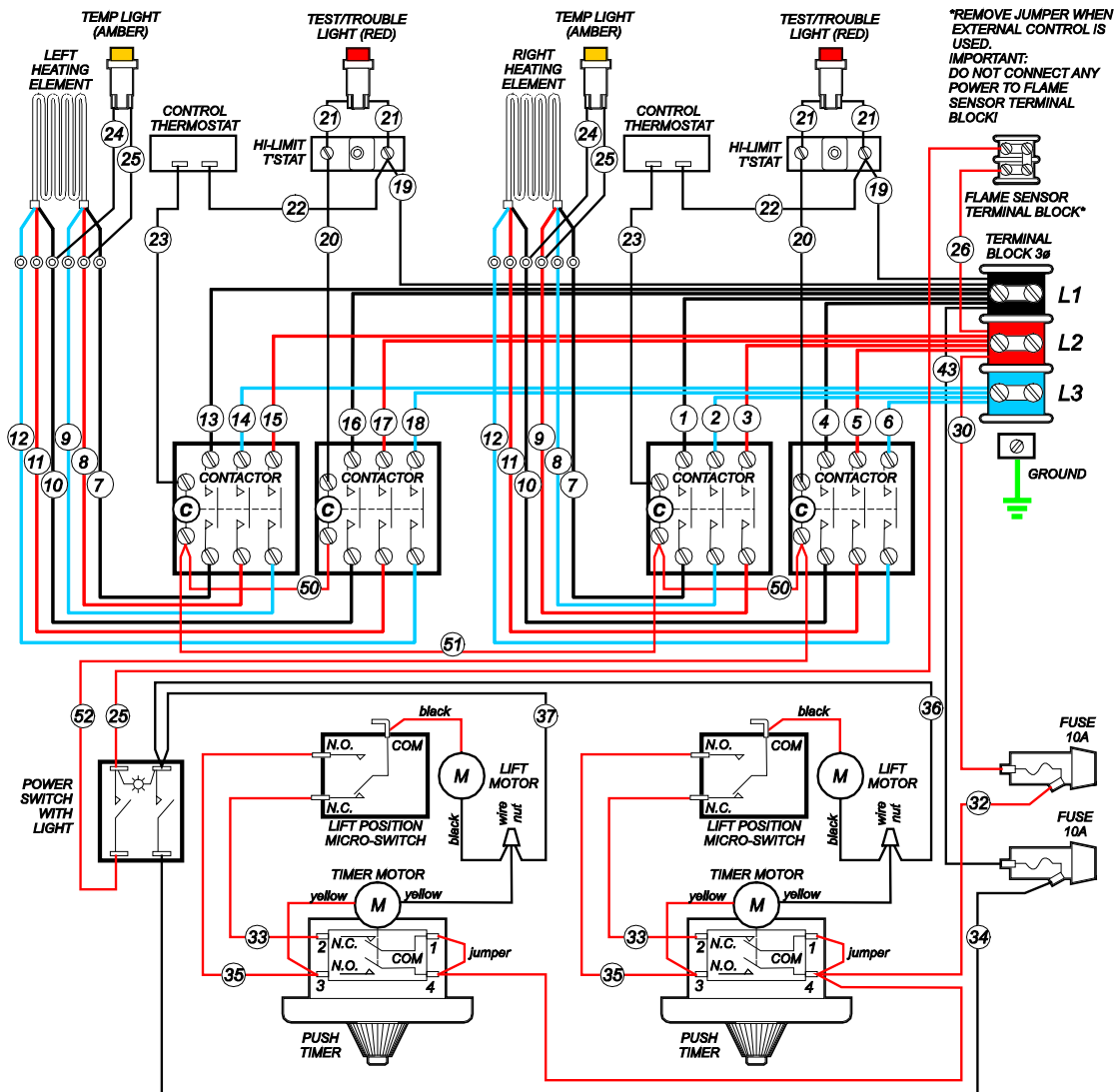
REV- 2E-Z21407

WIRING DIAGRAM

WIRING DIAGRAM FOR F-68 & F-686 FRYER
208 OR 208/240V SINGLE AND THREE PHASE

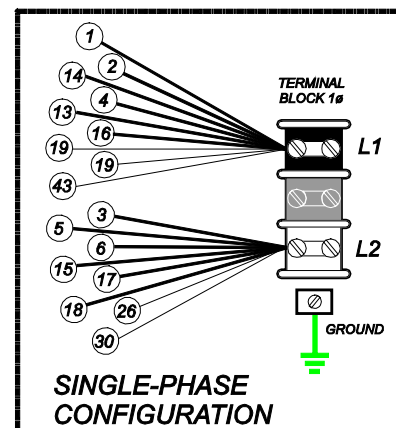


WIRING DIAGRAM



VOLTS 50/60 HZ	3 PHASE AMPS PER LEG			1 PHASE AMPS
	L1	L2	L3	
208	31.9	31.9	31.9	—
240	27.6	27.6	27.6	47.9

WIRING DIAGRAM F-88(6) p/n 307501



NOTES

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PARTS & SERVICE

DESCRIPTION

FRY BASKET, HALF-SIZE
 FRY BASKET, FULL SIZE
 FRYPOT
 CRUMB CRADLE
 COVER, FRYPOT

PART NO.

2B-43688
 2B-43689
 2D-301344
 WS-20690
 E7-34421

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) ☐ 208 ☐ 240 ☐ 1Ø ☐ 3Ø



Wells Bloomfield proudly supports CFESA
Commercial Food Equipment Service Association

SERVICE TRAINING - QUALITY SERVICE



CUSTOMER SATISFACTION



WELLS MANUFACTURING

265 Hobson Street, Smithville, Tennessee 37166

telephone: 314-678-6314

fax: 314-781-2714

www.wells-mfg.com