011C



WELLS BLOOMFIELD, LLC 10 Sunnen Dr., St. Louis, MO 63143 telephone: 314-678-6314 fax: 314-781-2714 www.wellsbloomfield.com

OWNERS MANUAL

BUILT-IN WELL MODULAR WARMERS with INFINITE, THERMOSTAT or DIGITAL CONTROLS



M200, M227, MOD200, MOD227 M300, M327, MOD300, MOD327 M400, M427, MOD400, MOD427 M500, M527, MOD500, MOD527



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 WARRANTY STATEMENT

Unless otherwise specified, all commercial cooking equipment manufactured by WELLS BLOOMFIELD, LLC is warranted against defects in materials and workmanship for a period of one year from the date of original installation or 18 months from the date of shipment from our factory, whichever comes first, and is for the benefit of the original purchaser only.

THIS WARRANTY IS THE COMPLETE AND ONLY WARRANTY, EXPRESSED OR IMPLIED IN LAW OR IN FACT, INCLUDING BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE, AND/OR FOR DIRECT, INDIRECT OR CONSEQUENTIAL DAMAGES IN CONNECTION WITH WELLS BLOOMFIELD PRODUCTS. This warranty is void if it is determined that, upon inspection by an authorized service agency, the equipment has been modified, misused, misapplied, improperly installed, or damaged in transit or by fire, flood or act of God. It also does not apply if the serial nameplate has been removed, or if service is performed by unauthorized personnel.

The prices charged by Wells Bloomfield for its products are based upon the limitations in this warranty. Seller's obligation under this warranty is limited to the repair of defects without charge by a Wells Bloomfield factory authorized service agency or one of its sub-service agencies. This service will be provided on customer's premises for non-portable models. Portable models (a device with a cord and plug) must be taken or shipped to the closest authorized service agency, transportation charges prepaid, for service. In addition to restrictions contained in this warranty, specific limitations are shown in the Service Policy and Procedure Guide. Wells Bloomfield authorized service agencies are located in principal cities. This warranty is valid in the United States and Canada and void elsewhere. Please consult your classified telephone directory, your foodservice equipment dealer or contact: Wells Bloomfield, LLC

10 Sunnen Dr., P.O.Box 430129 St. Louis MO 63143 USA phone (636) 678-6314 or fax (314) 781-2714

for information and other details concerning warranty.

SERVICE POLICY AND PROCEDURE GUIDE and ADDITIONAL WARRANTY EXCLUSIONS

- Resetting of safety thermostats, circuit breakers, over load protectors, and/or fuse replacements are **not** covered by this warranty unless warranted conditions are the cause.
- All problems due to operation at voltages or phase other than specified on equipment nameplates are not covered by this warranty. Conversion to correct voltage and/or phase must be the customer's responsibility.
- All problems due to electrical connections not made in accordance with electrical code requirements and wiring diagrams supplied with the equipment are not covered by this warranty.
- Replacement of items subject to normal wear, to include such items as knobs, light bulbs; and, normal maintenance functions including adjustments of thermostats, adjustment of micro switches and replacement of fuses and indicating lights are not covered by warranty.
- 5. Damage to electrical cords and/or plug due to exposure to excessive heat are **not** covered by this warranty.
- 6. Full use, care, and maintenance instructions supplied with each machine. Noted maintenance and preventative maintenance items, such as servicing and

SHIPPING DAMAGE CLAIM PROCEDURE

NOTE: For your protection, please note that equipment in this shipment was carefully inspected and packaged by skilled personnel before leaving the factory. Upon acceptance of this shipment, the transportation company assumes full responsibility for its safe delivery.

IF SHIPMENT ARRIVES DAMAGED:

- VISIBLE LOSS OR DAMAGE: Be certain that any visible loss or damage is noted on the freight bill or express receipt, and that the note of loss or damage is signed by the delivery person.
- 2. FILE CLAIM FOR DAMAGE IMMEDIATELY: Regardless of the extent of the damage.

- cleaning schedules, are customer responsibility. Those miscellaneous adjustments noted are customer responsibility. Proper attention to preventative maintenance and scheduled maintenance procedures will prolong the life of the appliance.
- 7. Travel mileage is limited to **sixty (60) miles** from an Authorized Service Agency or one of its sub-service agencies.
- All labor shall be performed during regular working hours. Overtime premium will be charged to the buyer.
- All genuine Wells replacement parts are warranted for ninety (90) days from date of purchase on non-warranty equipment. This parts warranty is limited only to replacement of the defective part(s). Any use of nongenuine Wells parts completely voids any warranty.
- Installation, labor, and job check-outs are not considered warranty and are thus not covered by this warranty.
- Charges incurred by delays, waiting time or operating restrictions that hinder the service technician's ability to perform service are **not** covered by warranty. This includes institutional and correctional facilities.
- CONCEALED LOSS OR DAMAGE: if damage is unnoticed until the merchandise is unpacked, notify the transportation company or carrier immediately, and file "CONCEALED DAMAGE" claim with them. This should be done within fifteen (15) days from the date the delivery was made to you. Be sure to retain the container for inspection.

Wells Bloomfield cannot assume liability for damage or loss incurred in transit. We will, however, at your request, supply you with the necessary documents to support your claim.

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INTRODUCTION

Thank You for purchasing this Wells Bloomfield 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.

MODEL	VOLTS WATTS			AMPS 3ø		
WIODEL	VULIS	VVAL15	L1	L2	L3	AMPS1ø
	208V	1800W	-	-	-	8.7A
MOD200, D, DM	240V	2400W	-	-	-	10.0A
	208V	2700W	7.5A	7.5A	7.5A	13.0A
MOD300, D, DM	240V	3600W	8.7A	8.7A	8.7A	15.0A
	208V	3600W	11.2A	11.2A	7.5A	17.3A
MOD400, D, DM	240V	4800W	13.0A	13.0A	8.7A	20.0A
MOD500, D, DM	208V	4500W	15.0A	11.2A	11.2A	21.6A
	240V	6000W	17.0A	13.0A	13.0A	25.0A

SPECIFICATIONS (Infinite)

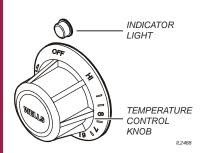
SPECIFICATIONS (Thermostat)

				AMPS 3ø		
MODEL	VOLTS	WATTS	L1	L2	L3	AMPS1ø
MOD-200T MOD-200TD	208 VAC	2480W	6.0A	6.0A	10.3A	11.9A
MOD-200TDM	240 VAC	3300W	6.9A	6.9A	11.9A	13.8A
MOD-200TN MOD-200TDN	208 VAC	2480W	6.0A	6.0A	10.3A	11.9A
MOD-200TDMN	240 VAC	3300W	6.9A	6.9A	11.9A	13.8A
MOD-227TD	208 VAC	2480W	6.0A	6.0A	10.3A	11.9A
MOD-227TDM	240 VAC	3300W	6.9A	6.9A	11.9A	13.8A
MOD-300T MOD-300TD	208 VAC	3725W	10.3A	10.3A	10.3A	17.9A
MOD-300TDM	240 VAC	4950W	11.9A	11.9A	11.9A	20.6A
MOD-300TN MOD-300TDN	208 VAC	3725W	10.3A	10.3A	10.3A	17.9A
MOD-300TDMN	240 VAC	4950W	11.9A	11.9A	11.9A	20.6A
	208 VAC	3725W	10.3A	10.3A	10.3A	17.9A
MOD-327TDM	240 VAC	4950W	11.9A	11.9A	11.9A	20.6A
MOD-400T MOD-400TD	208 VAC	4960W	14.5A	14.5A	9.8A	23.8A
MOD-400TDM	240 VAC	6600W	17.8A	17.8A	11.3A	27.5A
MOD-427TDM	208 VAC	4960W	14.5A	14.5A	9.8A	23.8A
	240 VAC	6600W	17.8A	17.8A	11.3A	27.5A
	0001/40	0.4000.44			10.04	11.04
MOD200TDM/AF	208 VAC	2480W	6.0A	6.0A	10.3A	11.9A
	240 VAC	3300W 2480W	6.9A	6.9A	11.9A	13.8A 11.9A
MOD200TDMN/AF	208 VAC 240 VAC	3300W	6.0A 6.9A	6.0A 6.9A	10.3A 11.9A	13.8A
	208 VAC	2480W	6.0A	6.0A	10.3A	11.9A
MOD227TDM/AF	240 VAC	3300W	6.9A	6.9A	11.9A	13.8A
MOD300TDM/AF	208 VAC	3725W	10.3A	10.3A	10.3A	17.9A
WOD3001 DIW/AF	240 VAC	4950W	11.9A	11.9A	11.9A	20.6A
MOD300TDMN/AF	208 VAC	3725W	10.3A	10.3A	10.3A	17.9A
	240 VAC	4950W	11.9A	11.9A	11.9A	20.6A
MOD327TDM/AF	208 VAC	3725W	10.3A	10.3A	10.3A	17.9A
	240 VAC	4950W	11.9A	11.9A	11.9A	20.6A
MOD400TDM/AF	208 VAC	4960W	14.5A	14.5A	9.8A	23.8A
	240 VAC	6600W	17.8A	17.8A	11.3A	27.5A
MOD427TDM/AF	208 VAC	4960W	14.5A	14.5A	9.8A	23.8A
	240 VAC	6600W	17.8A	17.8A	11.3A	27.5A
MOD500TDM/AF	208 VAC	6200W	19.5A	14.6A	14.6A	29.8A
	240 VAC	8250W	22.1A	16.9A	16.9A	34.4A
MOD527TDM/AF	208 VAC 240 VAC	6200W 8250W	19.5A 22.1A	14.6A 16.9A	14.6A 16.9A	29.8A
	Z40 VAC	020000	ZZ.TA	10.9A	10.9A	34.4A

SPECIFICATIONS (Digital)

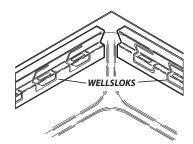
				AMPS 3ø		
MODEL	VOLTS	WATTS	L1	L2	L3	AMPS1ø
M200CE						
M200E						
M200CED						
M200ED						
M200CED6						
M200ED6						
M200CEDM						
M200EDM						
M200CEDM6						
M200EDM6						
M200CEAF	208/240V	2,475 / 3,312	6.0/6.9	6.0/6.9	10.3 / 11.9	11.9/13.8
M200EAF M200CEAF6						
M200CEAF6						
M227CEDM						
M227EDM						
M227CEDM6						
M227EDM6						
M227CEAF						
M227GEAR						
M227CEAF6						
M227EAF6						
M300E						
M300E6						
M300EAF						
M300EAF6						
M300ED						
M300ED6	000/0401/	0 700 / 4 0 4 4	100/110	100/110	10.0/11.0	17.0.1.00.(
M300EDM	208/240V	3, 733 / 4,944	10.3 / 11.9	10.3 / 11.9	10.3 / 11.9	17.9 / 20.6
M300EDM6						
M327EAF						
M327EAF6						
M327EDM						
M327EDM6						
M300EAFTH	208/240V	2,704 / 3,600	7.5/8.7	7.5/8.7	7.5/8.7	13 / 15
M400E						
M400E6						
M400EAF						
M400EAF6						
M400ED						
M400ED6	208/240V	4,950 / 6,600	14.5 / 17.8	14.5 / 17.8	9.8 / 11.3	23.8/27.5
M400EDM						
M400EDM6						
M427EAF						
M427EDM						
M427EDM6						
M500E M500E6						
M500E8						
M500EAF						
M500ED						
M500ED6						
M500ED0	208 / 240V	6,198 / 8,256	19.5 / 22.1	19.5 / 22.1	19.5 / 22.1	29.8/34.4
M500EDM6						
M500EDM0						
M527EAF6						
M527EAR 0						
M527EDM6						
MOZ/EDWO			I	1		

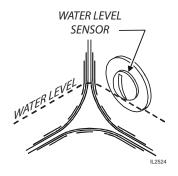
FEATURES & OPERATING CONTROLS



IMPORTANT:

DO NOT LEAVE ON "PREHEAT" Unit may cycle on hi-limit control, leading to premature failure of the hi-limit controls device.





A. THERMOSTAT

- 1. On thermostatically controlled warmers, power is applied to the heating element according to the control knob position and the actual temperature at the temperature sensing thermobulb.
- 2. The desired temperature is controlled by rotating the temperature control knob. The knob has a numeric scale, where higher numbers correspond to higher temperature.
- 3. On warmers equipped with an indicator light, the light will glow when the thermostat is calling for heat (i.e. the element is energized).
- The TEMPERATURE CONTROL KNOB will rotate approximately 300°, and will reach a "stop" at both ends. The OFF position is marked.
- **NOTE:** The dial position is an indication of the temperature setting. Actual temperature will vary depending upon the type of product and food consistency.

A. INFINITE SWITCH

- On INFINITE SWITCH CONTROLLED warmers, power is applied to the heating element based on the control knob position, which varies the duty cycle of the heating element.
- 2. The desired temperature is controlled by rotating the TEMPERATURE CONTROL KNOB. The knob may have a numeric scale, where higher numbers correspond to higher temperature. LO is the lowest temperature setting; PREHEAT is a "continuous on" setting. Infinite switch controlled warmers are equipped with a hi-limit device to prevent overheating. The hi-limit will self-reset after the warmer has cooled.
- On warmers equipped with an INDICATOR LIGHT, the light will glow when the infinite switch is in any position other than OFF.
- 4. The TEMPERATURE CONTROL KNOB will rotate without stopping, with PREHEAT and OFF having obvious detents. The OFF position is a "positive" OFF (i.e. the switch is positively held in the open position).
- **NOTE:** An infinite switch controls temperature by varying the ratio of "on" time to "off" time. Thus, no temperature sensing devise is required.

B. MOUNTING

- MOD-series built-in warmers may are equipped with wellsloks, uniquely designed turnout tabs which help secure the warmer top flange to the countertop.
- 2. See the Installation Instructions, supplied with the particular appliance.

C. DRAINS

- 1. Models wih a "D" (e.g. M200TD) have drains for each pan, with each pan having an individual drain valve.
- 2. Models with a "DM" units (e.g. M200TDM) have the individual drain lines manifolded together, with a single drain valve for the entire manifold.

D. AUTOFILL

- On AUTOFILL units, water level is automatically fed into the "master" pan whenever that pan's thermostat is ON.
- 2. Water level is sensed by a WATER LEVEL PROBE in the "master" pan.

PRECAUTIONS AND GENERAL INFORMATION

This appliance is intended for use in commercial establishments only.

This appliance is intended to hold pre-heated 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.

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.

Do not operate this appliance if the control panel is damaged. Call your Authorized Wells Service Agent for service.

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.

WARNING: 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.



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



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

AGENCY LISTING INFORMATION

Refer to the product nameplate for the specific appliance for agency listings. In general:

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

UL Listed warmers are U Listed under UL File 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.



Installation procedures must be performed by a qualified technician with full knowledge of all applicable electrical and plumbing codes. Failure can result in personal injury and property damage.



CAUTION FIRE HAZARD

Avoid storing flammable or combustible materials in, on or near the appliance.

IMPORTANT: For warmers installed in plastic counter tops, the counter material must be protected from the heat of the warmer in order to prevent discoloration and/or deterioration. Wellsloks are not suitable for this purpose. The installer should contact the manufacturer or distributor of the countertop material for specific instructions.

IMPORTANT: Wellslok Extension Kits must be used ONLY with UL Listed warmers approved for installation in wood counter tops. Refer to the Installation Instructions provided with the warmer.

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 labels and diagrams attached to the appliance.

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

INSTALLATION NOTES

- 1. Installation and start up of built-in warmers MUST be performed by an authorized installation company.
- 2. It is the responsibility of the installer to verify that this warmer installation is in compliance with the specifications listed in this manual and on the specification sheet provided.
- 3. It is the RESPONSIBILITY OF THE INSTALLER to check with the authority having jurisdiction, in order to verify that this warmer installation is in compliance with local code requirements.
- 4. Water supply and drain installation must meet all applicable local, state and federal plumbing codes and ordinances.
- 5. Refer to Installation Instructions included with the warmer for Underwriters Laboratories conditions of acceptability, electrical requirements and other installation concerns.

BUILT-IN WARMERS

- This is a GENERAL GUIDE. For specific cutout dimensions and other installation details, refer to the Installation Instructions supplied with the warmer.
- 2. Cutout dimensions for warmer units and control panels are listed on the Installation Instructions provided with the warmer.

NOTE: Cutout dimensions are different for auto-fill and non auto-fill units, control panels, and for wood and metal counters. Verify the dimensions are correct for the installation before making the cutout. Specific cutout specifications are list on the installation sheet included with the unit.

INSTALLATION

- 3. For "top-mounted" warmers (i.e. warmers mounted from above the counter top):
 - a. Verify that provided sealants are applied to the underside of the warmer top flange prior to setting the unit into the cutout.
 - b. After installation, verify that the tabs on the Wellsloks are turned out to lock the warmer into the counter.
 - c. Apply a thin bead of food-grade silicone sealant around the flange to seal it to the counter.
 - Wellslok extension kits are available for installing warmers in counter tops where the standard Wellslok would not normally reach. The extension kit will adapt to counter tops up to 1³/₄" thick.

ELECTRICAL INSTALLATION

- 1. Refer to the product nameplate. Verify the electrical service power. Voltage and phase must match the nameplate specifications. Wiring the warmer to the wrong voltage can severely damage the unit or cause noticeably decreased performance.
- Available electrical service amperage must meet or exceed the specifications listed on the specification sheet provided with the warmer.
- Warmer and control unit must be connected to an appropriate building ground. Ground connection will be marked "GND" or " .

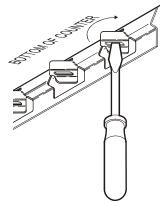
NOTE: Wire gauge, insulation type and temperature rating , as well as type, size and construction of conduit, must meet or exceed applicable specifications of local codes and of the National Electrical Code.

PLUMBING INSTALLATION

For use in the State of Massachusetts, this appliance must be installed in compliance with *Massachusetts Fuel Gas and Plumbing Code CMR 248.*

- 1. **IMPORTANT:** All plumbing installations must be performed by a qualified plumber.
- 2. For units equipped with a **DRAIN** LINE: Some jurisdictions may require an approved air gap or other back-flow prevention device in the drain. It is the responsibility of the plumber to determine such requirement, to provide and properly install the required device.
- 3. **AUTOFILL** units are equipped with a **DRAIN** LINE: Some jurisdictions may require an approved air gap or other back-flow prevention device in the drain. It is the responsibility of the plumber to determine such requirement, to provide and properly install the required device.
- 4. For **AUTOFIL**L units: Some jurisdictions may require an approved back-flow preventer in the water supply line. It is the responsibility of the plumber to determine such requirement, and to provide and properly install the required device.

Autofill supply must be connected to a COLD WATER line only.



NOTE: Damage caused by leaks due to improper installation is NOT covered by warranty.



The ground lug of this appliance must be connected to a suitable building ground.

IMPORTANT: Contact a licensed electrician to install and connect electrical power to the appliance.

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

IMPORTANT: Electrical installation other than as specified on the specification sheet will void the UL listing, and may void the warranty.

NOTE: Plumb connections must be made in compliance with all Federal, State and Local Plumbing Codes and Ordinances.

OPERATION



CAUTION: HOT SURFACE

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



DO NOT splash or pour water onto control panel or wiring.

Always use an inset. **DO NOT** place food directly into the warmer.

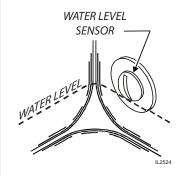
Always pour hot water into the warmer before it is preheated. **DO NOT** pour water into a dry, heated warmer. This may damage the unit.

DO NOT put ice into a warmer pan. This will cause condensation on the inside of the warmer. Damage caused by condensation is *NOT* covered by warranty.

Stir thick food items frequently to keep food heated uniformly. Keep insets covered to maintain food quality and temperature.

DO NOT use AUTOFILL

warmers in the dry mode. This may damage the water level sensor. NEVER turn the thermostat ON for the pan with the sensor and fill tube unless the entire warmer unit is to be used in the wet mode.



WET OR DRY OPERATION for WARMERS

- 1. Carefully read the description of the warmer operation on the specification sheet.
- 2. a. Most warmers are designed for WET OR DRY operation.
 - b. Warmers may be used wet, or may be used dry. However warmers may **NOT** be used wet-to-dry or dry-to-wet unless they have been allowed to cool to room temperature between the change in wet or dry operation.
 - c. Wells Manufacturing recommends operating WET for consistent food heating.
 - d. If your wet-operation warmer is allowed to run dry, turn it OFF and allow to cool to room temperature before adding water.
- If the warmer is to be used for WET operation, add approximately 1" of hot tap water before turning the warmer on. Use of hot water will allow a faster preheat.
 - a. Check the water level frequently and add hot water as necessary to prevent the warmer from running dry. Do not add water to the warmer if it has run dry.
 - b. If your wet-operation warmer is allowed to run dry, turn it OFF and allow to cool to room temperature before adding water.
- Damage caused by allowing a wet-operation warmer to run dry, is NOT covered by warranty. Damage caused by adding water to a dry warmer when hot is NOT covered by warranty.

PRE-HEATING THE WARMER

- 1. Place desired pan(s) or inset(s) with appropriate adapter top on warmer.
 - a. Insets are available as accessories in 2½ qt., 4qt., 7 qt., and 11 qt. sizes with lids and adapter tops.
 - b. For dry operation, a 6" deep pan or inset is recommended.
- 2. Turn temperature control to HI or highest temperature setting.
- 3. Allow warmer to preheat for approximately 30 minutes, then set the control for the desired temperature. Be sure to keep the warmer covered during preheat and operation.

AUTOFILL WARMERS

- 1. Autofill warmers sense water level by a sensor placed at the proper level. For manifolded autofill warmers, the water level sensor / fill tube is in one pan only, normally in the far left pan.
- 2. Water fills the pan through an inlet tube. For manifolded autofill warmers, the fill tube is normally in the far left pan. All other sections fill at the same time through the drain manifold.
- 3. The autofill function is active only when the thermostat for the pan with the water level sensor is turned ON .
- 4. Make sure the drain valve is fully closed before turning any t-stats ON.
- 5. The autofill function is only activated when the far left thermostat is turned ON. For manifolded autofill warmers, be sure to turn far left thermostats ON before turning any other control ON, to avoid heating a dry pan.

OPERATION (continued)

AUTOFILL WARMERS continued

- 6. DO NOT use autofill warmers in the dry mode. This may damage the water level sensor probe. NEVER turn the thermostat ON for the pan with the probe and fill tube unless the entire warmer unit is to be used in the wet mode.
- 7. Clean water level sensor daily to maintain water level in warmer.

OPERATION

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- 1. Always use an inset. DO NOT place food directly into the warmer.
- 2. Check water level in wet-operation warmer frequently during use. Running warmers dry will lower the temperature of the food in the insert pan, and may damage the warmer.
- 3. Alternating between wet and dry operation in any individual warmer is NOT recommended.
- DO NOT use metal tools, steel wool, or caustic or abrasive 4. cleanser to clean warmer pan.

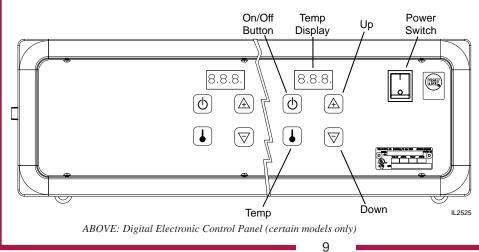
WARMERS WITH MANIFOLDED DRAIN

- Manifolded warmers have a single drain valve. 1.
- Water poured into any one section will seek the same water level with all 2. sections on the manifold.
- 3. Make sure the drain valve is fully closed before filling warmer.

Digital Control Operation

This control will provide close regulation of the temperature in the basin and give an indication of the air temperature surrounding the food container. The temperature is adjustable from 100° to 200°F. Pressing the ON/OFF button of the temperature control activates the heating circuit. The setpoint is displayed by pressing and holding the TEMP button. Adjust the regulated temperature by pressing the + or – buttons while holding the TEMP button down. The actual basin temperature is displayed when no buttons are pressed and the control is in the ON mode. The dot in the lower corner of the display indicates when the control is calling for heat.

When provided the master power switch controls the heating circuit and the automatic water fill ocntrol. Turn "OFF" the power switch when draining or cleaning the unit.



CLEANING INSTRUCTIONS

	DAILY CLEANING	INSTRUCTIONS			
SHOCK HAZARD DO NOT splash or pour water into or over any control panel or wiring.	PREPARATIONS:	Turn control knob(s) to OFF. Allow warmer to cool before proceeding. Remove any insets, pans and/or adapter tops. Drain or remove water from well if used for wet operation.			
	FREQUENCY:	Minimum - daily.			
SHOCK HAZARD Disconnect warmer from electric power before cleaning CAUTION:	TOOLS:	Mild Detergent Solution: 10 Parts Warm Water to 4 Parts Vinegar Plastic Scouring Pad Clean Cloth or Sponge Food-Grade Silicone Sealant			
BURN HAZARD		down using a clean cloth or sponge and mild			
Allow warmer to cool completely before cleaning.	 detergent. Use a plastic scouring pad to remove any hardened food particles or mineral deposits. IMPORTANT: DO NOT use steel wool for cleaning. 				
	3. Rinse warmer t	horoughly with a vinegar and water solution to stergent cleanser residue.			
	 Inspect warmer flange-to-counter seal. Reseal with food-grade silicone sealant if necessary. Failure to do so may allow grease and water to leak into insulation and heating element, causing a potential fire and/or electric shock hazard. 				
	5. Inspect warmer tank for damage. Damage to the outer body may allow grease and water to leak into insulation and heating element, causing a potential fire and/or electric shock hazard. Contact your Authorized Wells Service Agency to inspect warmer if water or grease contamination is suspected.				
	6. Close drain val	ve. Add proper amount of warm water. Turn control I check for proper operation.			

CLEANING INSTRUCTIONS

WEEKLY CLEANING INSTRUCTIONS

PREPARATIONS: Remove any insets, pans and/or adapter tops. Drain or remove water from well if used for wet operation.

FREQUENCY: Weekly, or whenever lime or scale is seen accumulating on the sides of the warmer pans.

TOOLS: **Commercial Delime Cleaner** Plastic Scouring Pad Clean Cloth or Sponge

- 1. Add water to pans until water is at normal operating level (1" - 1 1/2" deep) or covers accumulated scale.
- 2. Heat water to maximum temperature (190°F or higher).
- 3. Pour contents of one package of commercial delime cleaner into each warmer pan. Stir to dissolve cleaner. Turn heat control OFF. Cover pans.
- 4. Allow solution to soak at least one hour, or overnight for heavy scale buildup.
- 5. Drain hot water from pans. Scrub with a plastic scouring pad. Rinse thoroughly with hot water, then dry.
- 6. Refill pans with hot tap water and resume operation.
- 7. Heavy scale buildup may require additional treatments.



CAUTION: CHEMICAL BURN HAZARD

Deilimng chemicals may be caustic. Wear appropriate personal protective equipment. Follow cleaner manufacturer's instructions for safest use.

TROUBLESHOOTING SUGGESTIONS

SYMPTOM	POSSIBLE CAUSE	SUGGESTED REMEDY	
No power to warmer	Circuit breaker off or tripped	Reset circuit breaker	
Warmer will not heat	Temperature control not set	Set control to desired temperature	
	Wet insulation	Verify flange-to counter seal is sound, or reseal with food-grade silicone sealant	
Warmer trips circuit breaker	Pan leaking or other internal damage	Contact your Authorized Wells Service Agency for repairs	
	Internal damage	Contact your Authorized Wells Service Agency for repairs	
Warmer slow to heat	Mineral deposits on pan acting as a insulator	Clean pan(s) with delime cleaner	
Warner slow to heat	Wired to wrong voltage	Verify supply voltage - must match voltage on warmer nameplate	
Drain aquipped unit will not held	Drain valve not fully closed	Check drain valve for debris and close fully	
Drain-equipped unit will not hold water	Drain valve damaged or pan(s) leaking	Contact your Authorized Wells Service Agency for repairs	
	Water level sensor dirty	Clean water level sensor	
Auto-fill unit overflows	Internal damage	Contact your Authorized Wells Service Agency for repairs	
Auto-fill unit does not fill	Water supply turned off or restricted	Be sure water supply is turned on and water supply hose is not pinched or twisted	
	Bad Probe or other Internal Damage	Contact your Authorized Wells Service Agency for repairs	
One or more pans of an auto-fill unit do not fill	Blocked drain manifold	Clean drain manifold	

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

MAINTENANCE INSTRUCTIONS

CARE OF STAINLESS STEEL

Stainless steel is a marvelous material: strong, lustrous and low maintenance. With a minimum of care, it will normally retain its beauty and durability for the life of the equipment. In some applications, however, special care is required in order to maintain stainless steel's special properties.

External components, such as cabinets and control panels, are finished with a grain pattern. This pleasing finish is best maintained by cleaning with a non-abrasive cleanser applied with a soft cloth. Rub only in the direction of the grain. In the absence of visible grain, rub only along the longest axis of the appliance.

Restore stainless steel's luster by applying a polish specifically made for stainless steel. Spray on, wipe off with a soft cloth, rubbing in the direction of the grain.

Never use metal implements, wire brushes, abrasive scratch pads or steel wool to clean stainless steel.

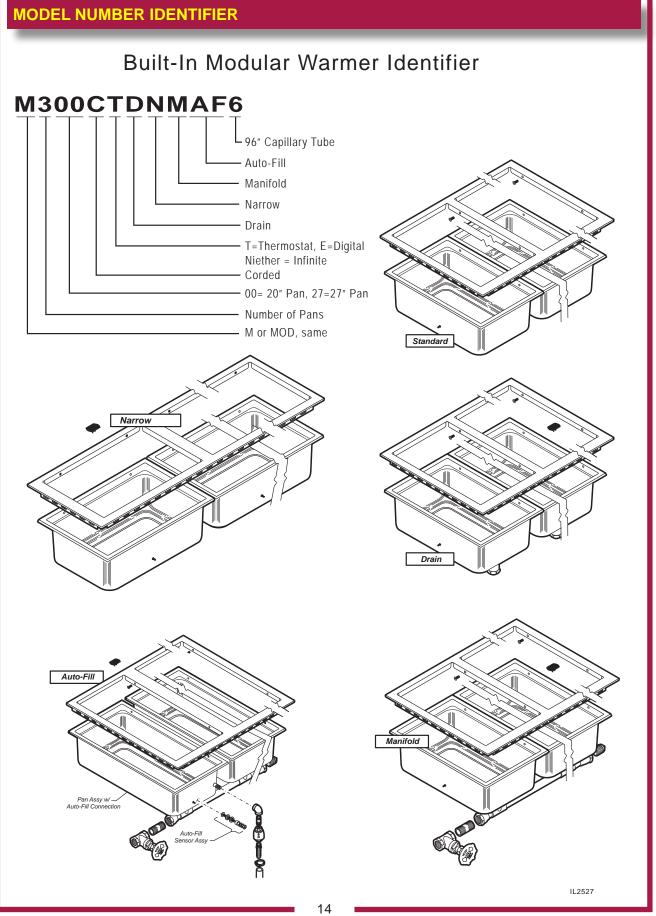
Warmer pans, insets and other vessels are subject to a harsher environment. Wells Manufacturing uses an very high quality stainless steel (#304DDQ) for our food warmer pans. Even the highest quality stainless steel, however, is mostly iron, and will rust, pit and corrode under the following conditions:

- **Poor Water Quality:** Hard water (water with a high content of dissolved minerals) will leave mineral deposits when allowed to dry. Calcium (lime) can buildup on heated surfaces, even under water. If left unattended, hard water spots and lime buildup can lead to rusting, corrosion and pitting.
- **Contact with Chlorides:** Chlorides (specific compounds of chlorine) are found in food, table salt and many cleansers. Chlorides can attack the surface of stainless steel, resulting in corrosion and pitting.

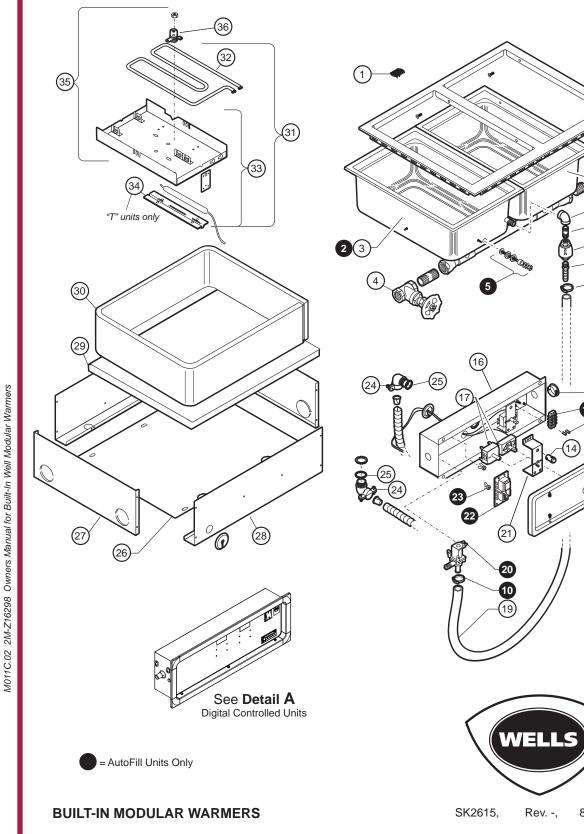
Keep your stainless steel warmers clean and free from calcium buildup. Use alkaline, alkaline chlorinated or non-chloride cleanser. Use citric acid-based cleaners to remove calcium deposits.

For additional information, please read the NAFEM Stainless Steel Equipment and Cleaning Guide. Contact NAFEM at :

North American Association of Food Equipment Manufacturers 401 N. Michigan Avenue Chicago, Illinois 60611-4267 (312) 644-6610



EXPLODED VIEW & PARTS LIST



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PARTS LIST: M200-227 SERIES

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Mod	el: Modular Wa	armers M200-227T, TD, TDM, TD	MAF, TI	N, M200-227E, CE, ED, EDM, EDMAF, EN
Fig No	Part No	Description	Qty	Application
1	P2-31869	SCREEN DRAIN ASSY WARMER	2	DRAIN UNITS
	P2-Z14636	PAN ASSY 12X20 EAF W/TEE		M200 DIGITAL
	P2-Z14647	PAN ASSY 12X27 EAF	1	M227 DIGITAL
2	P2-WL0064	PAN ASSY W/ELBOW MODTDMN	1	M200 T-STAT NARROW
	WS-503893	PAN ASSY 200-500TDM A/F		M200 T-STAT & INFINITE
	WS-504101	PAN ASSY 12X27 AF		M227 T-STAT
	P2-Z14639	PAN ASSY 12X20 E		M200 DIGITAL
	P2-Z14637	PAN ASSY 12X20 ED w/DRAIN		M200 DIGITAL DRAIN
	P2-Z14638	PAN ASSY 12X20 EDM	2	M200 DIGITAL DRAIN, MANIFOLD
				M227 DIGITAL, DRAIN, MANIFOLD
	P2-Z14646	PAN ASSY 12X27 EDM	1	M227 DIGITAL, AUTOFILL
3	P2-WL0063	PAN ASSY AF MODTDMN		M200 T-STAT, AUTOFILL
	WS-55742	PAN W/DRAIN 200-500DM/TDM	1	M200 T-STAT & INFINITE, DRAIN, MANIFOLD
	WS-55741	PAN W/O DRAIN 200-500 / T		M200 T-STAT & INFINITE
	WS-53201	PAN W/DRAIN 200-500 /TD	2	M200 T-STAT & INFINITE, DRAIN
	WS-500700	PAN ASSY 12X27 TDM		M227 T-STAT, DRAIN, MANIFOLD
4	2V-35609	VALVE 1 IN GATE BRONZE	1	MANIFOLD UNITS
5	WS-503713	PROBE ASSY, SS AF WRMR	1	AUTOFILL UNITS
6	2K-48198	ELBOW 3/8 X 90DEG BRASS	1	AUTOFILL UNITS
7	2K-48197	NIPPLE 3/8 NPT X 2 BRASS	1	AUTOFILL UNITS
8	2V-47650	VALVE ANTISYPHON 3/8	1	AUTOFILL UNITS
9	2K-47662	FTG STR BRS 3/8NPT X3/8IN	1	AUTOFILL UNITS
10	2C-46591	CLAMP HOSE 5/8	2	AUTOFILL UNITS
11	2K-31040	BUSHING HEYCO 7/8 OD	1	THERMOSTAT UNITS
12	WS-50131	TERM BLOCK KIT (RETRO 30131)	1	INFINITE & AUTOFILL UNITS
13	2C-41974	NUT 8-32 HEX 7/8 LONG ALU	2	AUTOFILL UNITS
14	2J-30385	LIGHT SIGNAL GLO DOT RED	2	INFINITE UNITS
14	2J-35687	LIGHT SIGNAL GLO DOT	2	T-STAT UNITS
15	P2-Z12288	PANEL, CONTROL	1	T-STAT & INFINITE UNITS NON-AF
15	P2-Z12589	PANEL, CONTROL MOD 200/400	1	AUTOFILL UNITS
14	E7-49046	BOX OUTLET MOD WARM	1	T-STAT & INFINITE UNITS NON-AF
16	P2-48175	BOX OUTLET MOD200/400TDM		AUTOFILL UNITS
	2T-38968	THERMO K TYPE		T-STAT UNITS
	2T-46551	THERMO CTRL 96IN CAP	2	T-STAT UNITS w/ 96IN CAPILLARY
17	2T-45917	THERMO CTRL W/AUX WARMERS		T-STAT UNITS, AUTOFILL
	2E-30570	SWITCH INFINITE, 120V	2	INFINITE UNITS, 120V
	2E-30562	SWITCH INFINITE, 240V	2	INFINITE UNITS, 240V
10	2R-44373	KNOB CONTROL ASSY WARMERS	2	INFINITE UNITS
18	2R-40498	KNOB ASSY MOD 100DT	2	T-STAT UNITS
20	2E-46529	SOLENOID VALVE 1/4NPT 240	1	AUTOFILL UNITS
-01	P2-40843	BRKT MTG THERMO INFINITE	2	T-STAT & INFINITE UNITS
21	P2-48176	BRKT THERMO MOD200TDM AUT	2	T-STAT AUTOFILL
22	2E-306865	CONTROL LIQ LEVEL 208/240	1	AUTOFILL UNITS
23	2I-40034	GROMMET SCREW T4	4	AUTOFILL UNITS
24	2K-33996X	FTG FLEX CONDUIT 90X3/8	2	
25	2I-Z12311	GASKET-FIBER WASHER	2	

PARTS LIST: M200-227 SERIES

Mode	el: Modular Wa	rmers M200-227T, TD, TDM, TI	OMAF, TN	N, M200-227E, CE, ED, EDM, EDMAF, EN
Fig No	Part No	Description	Qty	Application
2/	P2-300712	COVER BOT M227-427TDM/AM	2	M227
26	P2-35004	COVER BOTTOM 200 SERIES	1	M200
27	P2-303359	SHROUD SIDE MODS ROHS	2	M200
27	P2-300593	SHROUD SIDE MOD TDN] 2	M200 NARROW
	P2-Z15948	SHROUD, FRONT UNIVERSAL	1	M200, 227
28	P2-33909	SHROUD FRONT/REAR MOD200		
	P2-300592	SHROUD FRT/RR MOD200TDN	2	M200 NARROW
29	2H-36050	INSUL FG .6 MICRO 1/36	sold by foot	
30	2H-36196	INSUL FG .6 MICRO 1X45	sold by foot	
	P2-WL0082	PAN ELEM ASSY		M200 DIGITAL
	P2-WL0096	PAN ELEM ASSY MOD 227-527	2	M227 DIGITAL
31	WS-503843	KIT PAN ELEM W/ELMNT 208/240		M200 T-STAT & INFINITE
	WS-503701	KIT ELEM PAN W/ELEMENT		M200 T-STAT NARROW
	WS-503840	KIT ELEM PAN W/ELEMENT		M227 T-STAT
	WS-50396	ELEM 120V 1200W		M200 INFINITE, 120V
	WS-50398	ELEM 240V 1200W M P		M200 INFINITE, 240V
32	2N-46681UL	ELEM 120V 1650W	2	M200 T-STAT, 120V
	2N-303375UL	ELEM HEATING 240V 1650W		M200 T-STAT, 240V
	2N-300706UL	ELEM 240V 1650W 12 X 27		M227
	WS-55707	COVER ELEM MOD WARMER		INFINITE UNITS
33	WS-503842	KIT ELEM PAN W/O ELEMENT	2	M200, T-STAT & DIGITAL
33	WS-503370	PAN, ELEMENT MODS		M200 NARROW
	WS-503841	KIT ELEM PAN W/O ELEMENT		M227
34	D8-303352	BRKT THERMO BULB	2	THERMOSTAT UNITS
35	P2-WL0081	PAN ELEM ASSY MOD200-500	2	INFINITE 240V
36	WS-50374	THERMO, HI-LIMIT, SFTY, 550F	2	INFINITE UNITS
NI	2C-30397	CLIP ELEM WRMRS SML	18	VARIOUS OLDER UNITS
NI	2E-200372	CORD SET, 12/3 CORD 6-20	1	M200C

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PARTS LIST: M300-327 SERIES

ig No	Part No	Description	Qty	Application
1	P2-31869	SCREEN DRAIN ASSY WARMER	3	DRAIN UNITS
	P2-Z14636	PAN ASSY 12X20 EAF W/TEE		M300 DIGITAL
	P2-Z14647	PAN ASSY 12X27 EAF		M327 DIGITAL
2	P2-WL0064	PAN ASSY W/ELBOW MODTDMN	1	M300 T-STAT NARROW
	WS-503893	PAN ASSY 200-500TDM A/F		M300 T-STAT & INFINITE
	WS-504101	PAN ASSY 12X27 AF		M327 T-STAT
	P2-Z14639	PAN ASSY 12X20 E		M300 DIGITAL
	P2-Z14637	PAN ASSY 12X20 ED w/DRAIN	0	M300 DIGITAL DRAIN
	P2-Z14638	PAN ASSY 12X20 EDM	3	M300 DIGITAL DRAIN, MANIFOLD
				M327 DIGITAL, DRAIN, MANIFOLD
2	P2-Z14646	PAN ASSY 12X27 EDM	2	M327 DIGITAL, AUTOFILL
3	P2-WL0063	PAN ASSY AF MODTDMN	2	M300 T-STAT, AUTOFILL
	WS-55741	PAN W/O DRAIN 200-500 / T		M300 T-STAT & INFINITE
	WS-53201	PAN W/DRAIN 200-500 /TD	2	M300 T-STAT & INFINITE, DRAIN
	WS-55742	PAN W/DRAIN 200-500DM/TDM	3	M300 T-STAT & INFINITE, DRAIN, MANIFOLD
	WS-500700	PAN ASSY 12X27 TDM		M327 T-STAT, DRAIN, MANIFOLD
4	2V-35609	VALVE 1 IN GATE BRONZE	1	MANIFOLD UNITS
5	WS-503713	PROBE ASSY, SS AUTOFILL WRMR	1	AUTOFILL UNITS
6	2K-48198	ELBOW 3/8 X 90DEG BRASS	1	AUTOFILL UNITS
7	2K-48197	NIPPLE 3/8 NPT X 2 BRASS	1	AUTOFILL UNITS
8	2V-47650	VALVE ANTISYPHON 3/8	1	AUTOFILL UNITS
9	2K-47662	FTG STR BRS 3/8NPT X3/8IN	1	AUTOFILL UNITS
10	2C-46591	CLAMP HOSE 5/8	2	AUTOFILL UNITS
11	2K-31040	BUSHING HEYCO 7/8 OD	1	THERMOSTAT UNITS
12	WS-50131	TERM BLOCK KIT (RETRO 30131)	1	INFINITE & AUTOFILL UNITS
13	2C-41974	NUT 8-32 HEX 7/8 LONG ALU	2	AUTOFILL UNITS
14	2J-30385	LIGHT SIGNAL GLO DOT RED	2	INFINITE UNITS
14	2J-35687	LIGHT SIGNAL GLO DOT	3	T-STAT UNITS
45	P2-Z12592	PANEL, CONTROL	1	INFINITE UNITS NON-AF
15	P2-Z12586	PANEL, CONTROL MOD300TDM	1	T-STAT UNITS
15	P2-Z12588	PANEL, CONTROL MOD600 TDM	1	M300/327 T-STAT, DRAIN, MANIFOLD
16	P2-46685	BOX OUTLET MOD300, 400, 500	1	T-STAT & INFINITE UNITS NON-AF
16	P2-48178	BOX OUTLET MOD600TDM	1	AUTOFILL UNITS
	2T-38968	THERMO K TYPE		T-STAT UNITS
	2T-46551	THERMO CTRL 96IN CAP	3	T-STAT UNITS w/ 96IN CAPILLARY
17	2T-45917	THERMO CTRL W/AUX WARMERS		T-STAT UNITS, AUTOFILL
	2E-30570	SWITCH INFINITE, 120V		INFINITE UNITS, 120V
	2E-30562	SWITCH INFINITE, 240V		INFINITE UNITS, 240V
10	2R-44373	KNOB CONTROL ASSY WARMERS	0	INFINITE UNITS
18	2R-40498	KNOB ASSY MOD 100DT	3	T-STAT UNITS
20	2E-46529	SOLENOID VALVE 1/4NPT 240	1	AUTOFILL UNITS

PARTS LIST: M300-327 SERIES

Node	l: Modular V	Varmers M300-327T, TD, TDM, 1	DMAF, TN, M3	300-327E, CE, ED, EDM, EDMAF, E	
⁼ig No	Part No	Description	Qty	Application	
	P2-37809	BRKT CONT MTG MOD 300 400		INFINITE UNITS	
21	P2-48586	BRKT THERMO MOD300T	1	T-STAT	
	P2-47863	BRKT THERMO MOD BMW ROHS		T-STAT AUTOFILL	
22	2E-306865	CONTROL LIQ LEVEL 208/240	1	AUTOFILL UNITS	
23	21-40034	GROMMET SCREW T4	4	AUTOFILL UNITS	
24	2K-33996X	FTG FLEX CONDUIT 90X3/8	2		
25	2I-Z12311	GASKET-FIBER WASHER	2		
27	P2-300702	COVER BOT M327/ 527TDM/A	1	M327	
26	P2-307110	COVER BOTTOM 300 SERIES	1	M300	
07	P2-303359	SHROUD SIDE MOD ROHS	2	M300	
27	P2-300593	SHROUD SIDE MOD TDN	2	M300 NARROW	
	P2-303357	SHROUD FRONT MOD300, 327T	1	M300, 327	
28	P2-48193	SHROUD REAR MOD 300 ROHS	1	M300, 327	
	P2-307128	SHROUD FT/RR MOD300TDMN	2	M300 NARROW	
29	2H-36050	INSUL FG .6 MICRO 1/36	SOLD BY FOOT		
30	2H-36196	INSUL FG .6 MICRO 1X45	SOLD BY FOOT		
	P2-WL0082	PAN ELEM ASSY	3	M300 DIGITAL	
	P2-WL0096	PAN ELEM ASSY MOD 227-527		M327 DIGITAL	
	WS-503843	KIT PAN ELEM W/ELEMENT 208/240		M300 T-STAT	
31	WS-503701	KIT ELEM PAN W/ELEMENT	2		
	P2-WL0072	PAN ELEM ASSY MID MOD300T	1	M300 T-STAT NARROW	
	WS-503840	KIT ELEM PAN W/ELEMENT	3	M327 T-STAT	
	WS-50396	ELEM 120V 1200W		M300 INFINITE, 120V	
	WS-50398	ELEM 240V 1200W M P		M300 INFINITE, 240V	
32	2N-46681UL	ELEM 120V 1650W	3	M300 T-STAT, 120V	
	2N-303375UL	ELEM HEATING 240V 1650W		M300 T-STAT & DIGITAL, 240V,	
	2N-300706UL	ELEM 240V 1650W 12 X 27		M327	
	WS-55707	COVER ELEM MOD WARMER	_	INFINITE UNITS	
			3	M300, T-STAT & DIGITAL	
	WS-503842	KIT ELEM PAN W/O ELEMENT	2	M300, NARROW, OUTSIDE	
33	WS-WL0332	KIT ELEM PAN W/O ELEMENT / INSIDE	1	M300, NARROW, INSIDE	
	WS-503370	PAN, ELEMENT MODS	2		
	67-307041	ASSY-MID-ELEM PAN M300TN	1	M300 NARROW	
	WS-503841	KIT ELEM PAN W/O ELEMENT	3	M327	
34	D8-303352	BRKT THERMO BULB	3	THERMOSTAT UNITS	
35	P2-WL0081	PAN ELEM ASSY MOD200-500	3	INFINITE 240V	
36	WS-50374	THERMO, HI-LIMIT, SFTY, 550F	3	INFINITE UNITS	
NI	2C-30397	CLIP ELEM WRMRS SML	18	VARIOUS OLDER UNITS	

PARTS LIST: M400-427 SERIES

Model: Modular Warmers M400-427T, TD, TDM, TDMAF, M400-427E, CE, ED, EDM, EDMAF

	Model: Mo	dular Warmers M400-427T,	TD, TDM, TD	MAF, M400-427E, CE, ED, EDM, EDMAF
Fig No	Part No	Description	Qty	Application
1	P2-31869	SCREEN DRAIN ASSY WARMER	4	DRAIN UNITS
	P2-Z14636	PAN ASSY 12X20 EAF W/TEE		M400 DIGITAL
2	P2-Z14647	PAN ASSY 12X27 EAF	1	M427 DIGITAL
2	WS-503893	PAN ASSY 200-500TDM A/F	I	M400 T-STAT & INFINITE
	WS-504101	PAN ASSY 12X27 AF		M427 T-STAT
	P2-Z14639	PAN ASSY 12X20 E		M400 DIGITAL
	P2-Z14637	PAN ASSY 12X20 ED w/DRAIN	4	M400 DIGITAL DRAIN
	P2-Z14638	PAN ASSY 12X20 EDM		M400 DIGITAL DRAIN, MANIFOLD
	F Z-Z 14030		3	M400 DIGITAL DRAIN, MANIFOLD, AUTOFILL
	P2-Z14646	PAN ASSY 12X27 EDM	4	M427 DIGITAL, DRAIN, MANIFOLD
3	1 2-2 14040		3	M427 DIGITAL, DRAIN, MANIFOLD AUTOFILL
5	WS-55741	PAN W/O DRAIN 200-500 / T		M400 T-STAT & INFINITE
	WS-53201	PAN W/DRAIN 200-500 /TD	4	M400 T-STAT & INFINITE, DRAIN
	WS-55742	PAN W/DRAIN 200-500DM/TDM		M400 T-STAT & INFINITE, DRAIN, MANIFOLD
	WS-5574Z		3	M400 T-STAT & INFINITE, DRAIN, MANIFOLD, AUTOFILL
	WS-500700	PAN ASSY 12X27 TDM	4	M427 T-STAT, DRAIN, MANIFOLD
	W3-300700		3	M427 T-STAT, DRAIN, MANIFOLD, AUTOFILL
4	2V-35609	VALVE 1 IN GATE BRONZE	1	MANIFOLD UNITS
5	WS-503713	PROBE ASSY, SS AUTOFILL WRMR	1	AUTOFILL UNITS
6	2K-48198	ELBOW 3/8 X 90DEG BRASS	1	AUTOFILL UNITS
7	2K-48197	NIPPLE 3/8 NPT X 2 BRASS	1	AUTOFILL UNITS
8	2V-47650	VALVE ANTISYPHON 3/8	1	AUTOFILL UNITS
9	2K-47662	FTG STR BRS 3/8NPT X3/8IN	1	AUTOFILL UNITS
10	2C-46591	CLAMP HOSE 5/8	2	AUTOFILL UNITS
11	2K-31040	BUSHING HEYCO 7/8 OD	1	THERMOSTAT UNITS
12	WS-50131	TERM BLOCK KIT (RETRO 30131)	1	INFINITE & AUTOFILL UNITS
13	2C-41974	NUT 8-32 HEX 7/8 LONG ALU	2	AUTOFILL UNITS
14	2J-30385	LIGHT SIGNAL GLO DOT RED	2	INFINITE UNITS
14	2J-35687	LIGHT SIGNAL GLO DOT	۷	T-STAT UNITS
	P2-Z12288	PANEL, CONTROL, (SPLIT)	1	MOD400TDMAF, MOD400TDMAF6, MOD427TDMAF
15	P2-Z12589	PANEL, CONTROL, (SPLIT)	1	
IJ	P2-Z12591	PANEL, CONTROL MOD 400	1 IN	INFINITE UNITS NON-AF
	P2-Z12584	PANEL, CONTROL MOD400TDM	1	M400-427, T-STAT, DRAIN, MANIFOLD, AUTOFILL
	P2-48290	BOX OUTLET MOD400 DM TDM		M400-427, T-STAT, DRAIN, MANIFOLD
	E7-49046	BOX OUTLET MOD (SPLIT)		MOD400TDMAF, MOD400TDMAF6, MOD427TDMAF
16	P2-48175	BOX OUTLET MOD (SPLIT)	1	
	P2-46685	BOX OUTLET MOD 400		M400 INFINITE, DRAIN, MANIFOLD
	P2-48178	BOX, CONTROL AF		MOD400TDMAF1, MOD400TDMAFS, MOD427TDMAF1

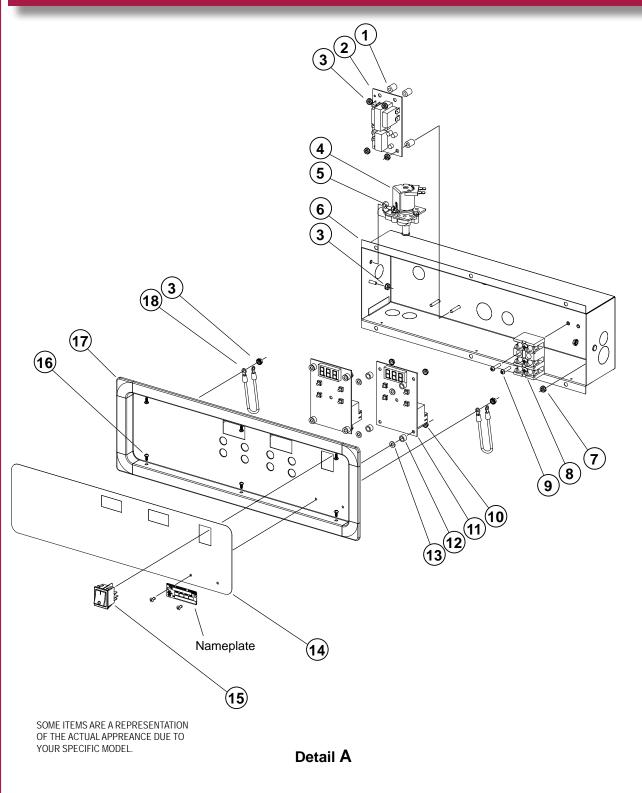
PARTS LIST: M400-427 SERIES

Fig No	Part No	Description	Qty	Application
IY NU	2T-38968	THERMO K TYPE		T-STAT UNITS
	2T-46551	THERMO CTRL 96IN CAP		T-STAT UNITS W/ 96IN CAPILLARY
		THERMO CTRL WAUX	4	
17	2T-45917	WARMERS		T-STAT UNITS, AUTOFILL
	2E-30570	SWITCH INFINITE, 120V	4	INFINITE UNITS, 120V
	2E-30562	SWITCH INFINITE, 240V	4	INFINITE UNITS, 240V
18	2R-44373	KNOB CONTROL ASSY WARMERS	4	INFINITE UNITS
	2R-40498	KNOB ASSY MOD 100DT		T-STAT UNITS
20	2E-46529	SOLENOID VALVE 1/4NPT 240	1	AUTOFILL UNITS
	P2-40843	BRKT MTG THERMO INFINITE	2	T-STAT (SPLIT CONTROL)
21	P2-48176	BRKT THERO MOD200TDM AUT	1	MOD400TDMAF(6), MOD427TDMAF
	P2-48285	BRKT THERMO MOD400	1	M400-427 T-STAT, DRAIN, MANIFOLD, AUTOFILL
22	2E-306865	CONTROL LIQ LEVEL 208/240	1	AUTOFILL UNITS
23	2I-40034	GROMMET SCREW T4	4	AUTOFILL UNITS
24	2K-33996X	FTG FLEX CONDUIT 90X3/8	2	
25	2I-Z12311	GASKET-FIBER WASHER	2	
26	P2-300712	COVER BOT M227-427TDM/AM	2	M427E, MOD427TDM (AF)
20	P2-35004	COVER BOTTOM 200 SERIES	2	M400
27	P2-303359	SHROUD SIDE MODS ROHS	2	M400
	P2-Z14627	SHROUD, FRONT M4		M400, 427, DIGITAL
28	P2-48192	SHROUD REAR MOD 420 427	1	M400
	P2-303358	SHROUD FRONT MOD 400 427		M400 INFINITE & T-STAT
29	2H-36050	INSUL FG .6 MICRO 1/36	SOLD BY FOOT	
30	2H-36196	INSUL FG .6 MICRO 1X45	SOLD BY FOOT	
	P2-WL0082	PAN ELEM ASSY		M400 DIGITAL
31	P2-WL0096	PAN ELEM ASSY MOD 227-527	4	M427 DIGITAL
51	WS-503843	KIT PAN ELEM W/ELEM 208/240	, [,]	M400 T-STAT
	WS-503840	KIT ELEM PAN W/ELEMENT		M427 T-STAT
	WS-50398	ELEM 240V 1200W M P		M400 INFINITE, 240V
32	2N-303375UL	ELEM HEATING 240V 1650W	4	M400 T-STAT, 240V
	2N-300706UL	ELEM 240V 1650W 12 X 27		M427
	WS-55707	COVER ELEM MOD WARMER		M400, INFINITE UNITS
33	WS-503842	KIT ELEM PAN W/O ELEMENT	4	M400, T-STAT & DIGITAL
	WS-503841	KIT ELEM PAN W/O ELEMENT		M427
34	D8-303352	BRKT THERMO BULB	4	THERMOSTAT UNITS
35	P2-WL0081	PAN ELEM ASSY MOD200-500	4	INFINITE 240V
36	WS-50374	THERMO, HI-LIMIT, SFTY, 550F	4	INFINITE UNITS
NI	2C-30397	CLIP ELEM WRMRS SML	36	VARIOUS OLDER UNITS

PARTS LIST: M500-527 SERIES				
Model: Modular Warmers M500-527T, TD, TDM, TDMAF, M500-527E, CE, ED, EDM, EDMAF				
Fig No	Part No	Description	Qty	Application
1	P2-31869	SCREEN DRAIN ASSY WARMER	5	DRAIN UNITS
	P2-Z14636	PAN ASSY 12X20 EAF W/TEE	1	M500 DIGITAL
	P2-Z14647	PAN ASSY 12X27 EAF		M527 DIGITAL
2	WS-503893	PAN ASSY 200-500TDM A/F		M500 T-STAT & INFINITE
	WS-504101	PAN ASSY 12X27 AF		M527 T-STAT
	P2-Z14639	PAN ASSY 12X20 E		M500 DIGITAL
	P2-Z14637	PAN ASSY 12X20 ED w/DRAIN	-	M500 DIGITAL DRAIN
	D0 714/00			M500 DIGITAL DRAIN, MANIFOLD
	P2-Z14638	PAN ASSY 12X20 EDM	4	M500 DIGITAL DRAIN, MANIFOLD, AUTOFILL
	P2-Z14646	PAN ASSY 12X27 EDM	5	M527 DIGITAL, DRAIN, MANIFOLD
2	PZ-Z14040	PAINASSY IZAZI EDIVI	4	M527 DIGITAL, DRAIN, MANIFOLD AUTOFILL
3	WS-55741	PAN W/O DRAIN 200-500 / T		M500 T-STAT & INFINITE
	WS-53201	PAN W/DRAIN 200-500 /TD	5	M500 T-STAT & INFINITE, DRAIN
	WS-55742	PAN W/DRAIN 200-500DM/TDM		M500 T-STAT & INFINITE, DRAIN, MANIFOLD
	WS-0074Z	PAIN W/DRAIN 200-300DIVI/ I DIVI	4	M500 T-STAT & INFINITE, DRAIN, MANIFOLD, AUTOFILL
	WS-500700	PAN ASSY 12X27 TDM	5	M527 T-STAT, DRAIN, MANIFOLD
	W3-500700	FAIN ASST 12A27 TDIVI	4	M527 T-STAT, DRAIN, MANIFOLD, AUTOFILL
4	2V-35609	VALVE 1 IN GATE BRONZE	1	MANIFOLD UNITS
5	WS-503713	PROBE ASSY, SS AUTOFILL	1	AUTOFILL UNITS
6	2K-48198	ELBOW 3/8 X 90DEG BRASS	1	AUTOFILL UNITS
7	2K-48197	NIPPLE 3/8 NPT X 2 BRASS	1	AUTOFILL UNITS
8	2V-47650	VALVE ANTISYPHON 3/8	1	AUTOFILL UNITS
9	2K-47662	FTG STR BRS 3/8NPT X3/8IN	1	AUTOFILL UNITS
10	2C-46591	CLAMP HOSE 5/8	2	AUTOFILL UNITS
11	2K-31040	BUSHING HEYCO 7/8 OD	1	THERMOSTAT UNITS
12	WS-50131	TERM BLOCK KIT (RETRO 30131)	1	INFINITE & AUTOFILL UNITS
13	2C-41974	NUT 8-32 HEX 7/8 LONG ALU	2	AUTOFILL UNITS
14	2J-30385	LIGHT SIGNAL GLO DOT RED	2	INFINITE UNITS
	2J-35687	LIGHT SIGNAL GLO DOT		T-STAT UNITS
	P2-Z12594	PANEL, CONTROL MOD500 TDM		M500-527, T-STAT
15	P2-Z12288	PNL, CNTRL/MOD	1	MOD500TDMFA(6), MOD527TDMAF(6) (SPLTI)
	P2-Z12588	PANEL, CONTROL MOD TDM		MOD500TDMFA(6), MOD527TDMAF(6) (SPLTI)
	P2-Z12590	PANEL, CONTROL MOD500		M500, INFINITE UNITS
	P2-48290	BOX OUTLET MOD400 DM TDM	1	M500-527, T-STAT
16	E7-49046	BOX OUTLET MOD WAR		MOD500TDMFA(6), MOD527TDMAF(6) (SPLTI)
	P2-48178	BOX CONTROL MOD AF		MOD500TDMFA(6), MOD527TDMAF(6) (SPLTI)
	P2-46685	BOX OUTLET MOD 500		M500, INFINITE UNITS
	2T-38968		_	T-STAT UNITS
17	2T-46551	THERMO CTRL 96IN CAP	5	T-STAT UNITS w/ 96IN CAPILLARY
	2T-45917	THERMO CTRL W/AUX WARMRS		T-STAT UNITS, AUTOFILL
	2E-30570	SWITCH INFINITE, 120V	5	
	2E-30562	SWITCH INFINITE, 240V		INFINITE UNITS, 240V

PARTS LIST: M500-527 SERIES					
Model: Modular Warmers M500-527T, TD, TDM, TDMAF, M500-527E, CE, ED, EDM, EDMAF					
Fig No	Part No	Description	Qty	Application	
18	2R-44373	KNOB CONTROL ASSY WARMERS	5	INFINITE UNITS	
	2R-40498	KNOB ASSY MOD 100DT		T-STAT UNITS	
20	2E-46529	SOLENOID VALVE 1/4NPT 240	1	AUTOFILL UNITS	
	P2-48285	BRKT THERMO MOD400	1	M500-527, T-STAT	
21	P2-40843	BRKT MTG THERMO INFINITE	2	MOD500TDMFA(6), MOD527TDMAF(6) (SPLTI)	
21	P2-47863	BRKT THERMO MOD	1	MOD500TDMFA(6), MOD527TDMAF(6) (SPLTI)	
	P2-37809	BRKT CONT MTG MOD	1	M500 INFINITE	
22	2E-306865	CONTROL LIQ LEVEL 208/240	1	AUTOFILL UNITS	
23	21-40034	GROMMET SCREW T4	4	AUTOFILL UNITS	
24	2K-33996X	FTG FLEX CONDUIT 90X3/8	2		
25	2I-Z12311	GASKET-FIBER WASHER	2		
	P2-35004	COVER BOTTOM 200 SERIES			
26	P2-307110	COVER BOTTOM MOD300 SERIES	1	M500	
	P2-300712	COVER BOT MOD227/427TDM/A		M527	
	P2-300704	COVER BOT MOD327/527TDM/A		10127	
27	P2-303359	SHROUD SIDE MODS ROHS	2	M500	
	P2-Z14627	SHROUD, FRONT M4		M500, 427, DIGITAL	
28	P2-48191	SHROUD REAR MOD 500 527	1	M500	
	P2-303376	SHROUD FRONT MOD 500 527T		M500 INFINITE & T-STAT	
29	2H-36050	INSUL FG .6 MICRO 1/36	SOLD BY FOOT		
30	2H-36196	INSUL FG .6 MICRO 1X45	SOLD BY FOOT		
	P2-WL0082	PAN ELEM ASSY		M500 DIGITAL	
31	P2-WL0096	PAN ELEM ASSY MOD 227-527	5	M527 DIGITAL	
51	WS-503843	KIT PAN ELEM W/ELEM 208/240		M500 T-STAT	
	WS-503840	KIT ELEM PAN W/ELEMENT		M527 T-STAT	
	WS-50398	ELEM 240V 1200W M P	5	M500 INFINITE, 240V	
32	2N-303375UL	ELEM HEATING 240V 1650W		M500 T-STAT, 240V	
	2N-300706UL	ELEM 240V 1650W 12 X 27		M527	
	WS-55707	COVER ELEM MOD WARMER	5	M500, INFINITE UNITS	
33	WS-503842	KIT ELEM PAN W/O ELEMENT		M500, T-STAT & DIGITAL	
	WS-503841	KIT ELEM PAN W/O ELEMENT		M527	
34	D8-303352	BRKT THERMO BULB	4	THERMOSTAT UNITS	
35	P2-WL0081	PAN ELEM ASSY MOD200-500	4	INFINITE 240V	
36	WS-50374	THERMO, HI-LIMIT, SFTY, 550F	4	INFINITE UNITS	
NI	2C-30397	CLIP ELEM WRMRS SML	36	VARIOUS OLDER UNITS	
L		1		1	

EXPLODED VIEW: DETAIL A



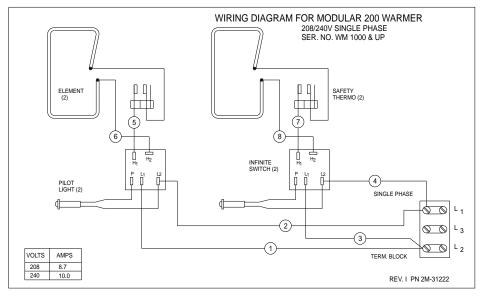
MODE - EAF Digital Control Fab Warmer

IL2523, Rev. -, 8/21/12

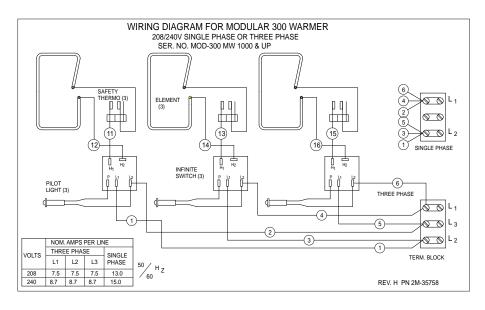
PARTS LIST: DETAIL A

		Detail A: Digital Cont	rol Box Assy
Fig No	Part No	Description	Application
1	2A-Z3429	SPACER-NYLON .175X.375X.5	AUTO-FILL
2	2E-306865	CONTROL LIQ LEVEL 208/240	AUTO-FILL
3	2C-31053	NUT 8-32 KEPS MS NICKEL	
4	2E-46529	SOLENOID VALV 1/4NPT 240	AUTO-FILL
5	2C-1493	SCREW 8-32X3/8 RHP STL NP	AUTO-FILL
	P2-Z14490	CONTROL BOX WELD - SMALL	M200-227E
6	P2-Z14497	CONTROL BOX WELD - MEDIUM	M200-227EAF, M300-327E
	P2-Z14493	CONTROL BOX WELD - LARGE	M300-327EAF, M400/427E, M400/427EAF, M500/527E, M500/527EAF
7	2C-35736	NUT 8-32 HEX KEPS MS GREE	ALL
8	2E-37465	TERM BLOCK 3POLE 85AMP	ALL
9	2C-1496	SCREW 8-32X3/4 RHP STL NP	ALL
10	2C-Z2594	NUT 6-32 HEX W STL NP	ALL
	2E-Z14534	CONTROLLER, TEMP 230V	AUTO-FILL
11	2E-Z14534-1	THERMISTOR, 90"	
	2E-Z14534-2	THERMISTOR, 126"	6' LEAD
12	2K-Z1971	SPACER .257X.75X.25 NYLON	AUTO-FILL
13	2C-200110	WASHER, #8 FLAT 18-8 SS	ALL
	2M-Z14495	GRAPHIC M200/227EAF	M200-227E
	2M-Z14498	GRAPHIC M200/227EAF	M200-227EAF
14	2M-Z14499	GRAPHIC M300/327E	M300-327E
14	2M-Z14526	GRAPHIC M300/327EAF	M300-327EAF
	2M-Z14527	GRAPHIC M400/427E	M400/427E, M400/427EAF
	2M-Z14529	GRAPHIC M500/527E	M500/527E, M500/527EAF
15	2E-Z1858	SWITCH-LIGHTED	AUTO-FILL
16	2C-33935	SCREW 6ABX5/16 PH PAN SMS	ALL
	P2-Z14494	CONTROL PANEL M200/227E	M200-227E
	P2-Z14496	CONTROL PANEL M200/227EAF	M200-227EAF
17	P2-Z14522	CONTROL PANEL M300/327E	M300-327E
	P2-Z14524	CONTROL PANEL M300/327EAF	M300-327EAF
	P2-Z14525	CONTROL PANEL M400/427E	M400/427E, M400/427EAF
	P2-Z14492	CONTROL PANEL M500/527E	M500/527E, M500/527EAF
18	2E-130601	WIRE ASSY 14GA GREEN 8"	ALL
NI	2K-34136X	FTG FLEX CON 90 X 1/2 MOD	AUTO-FILL

WIRING DIAGRAM: Infinite Control Units

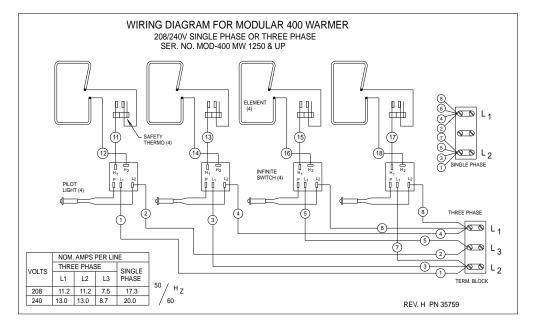


MOD200 & MOD227 Series

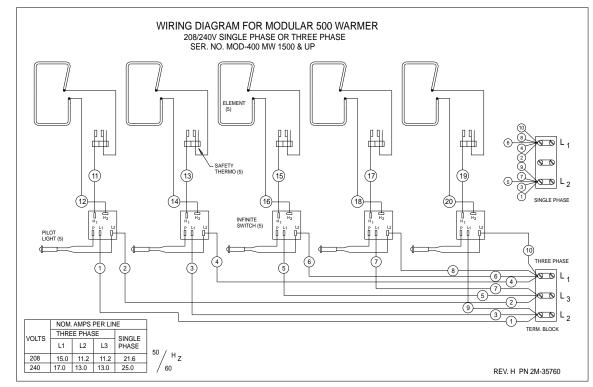


MOD300E & MOD327E Series

WIRING DIAGRAM: Infinite Control Units

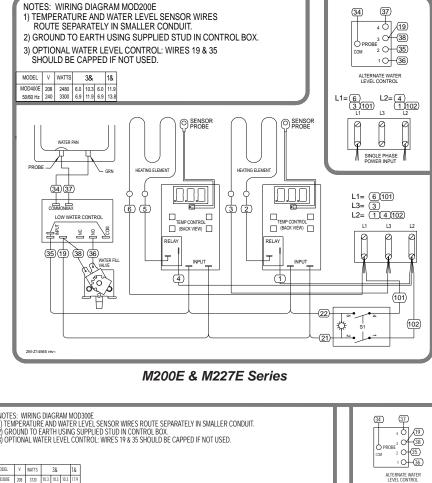


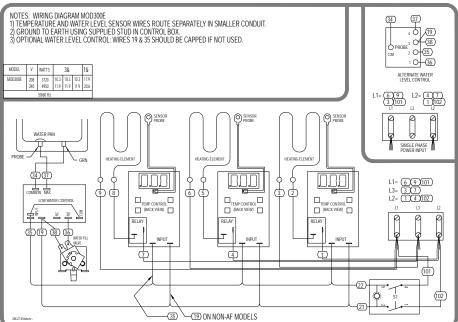
MOD400E & MOD427E Series



MOD500E & MOD527E Series

WIRING DIAGRAM: Electronically Control Units

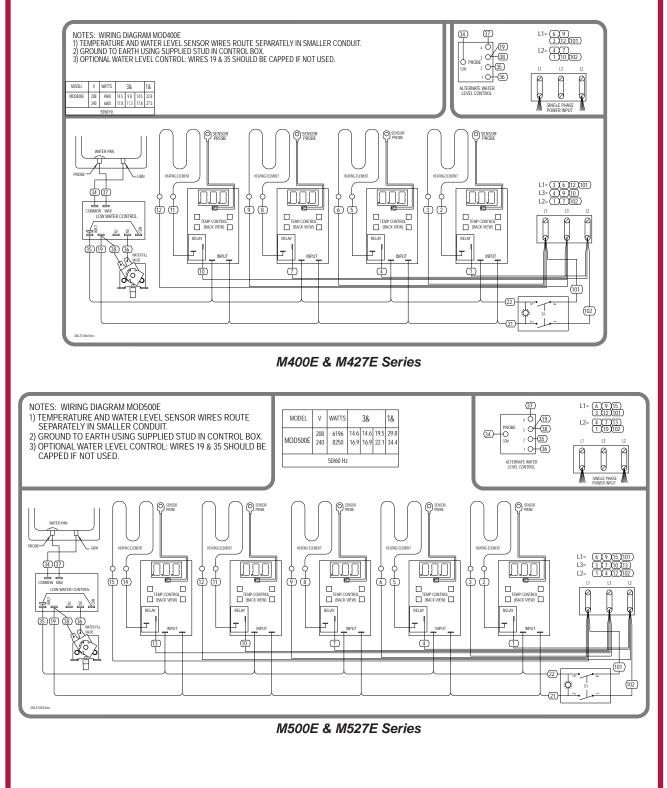


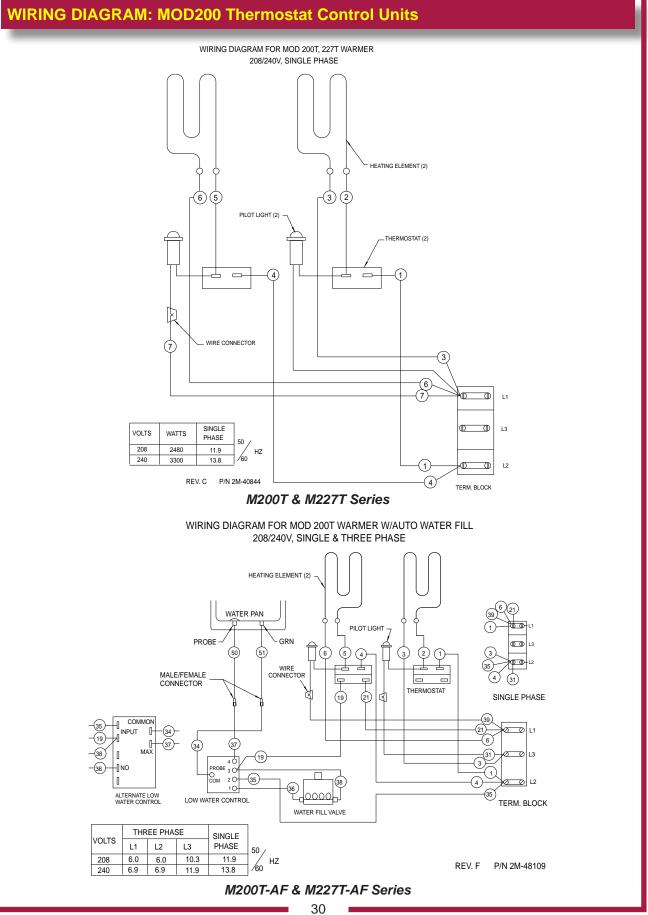




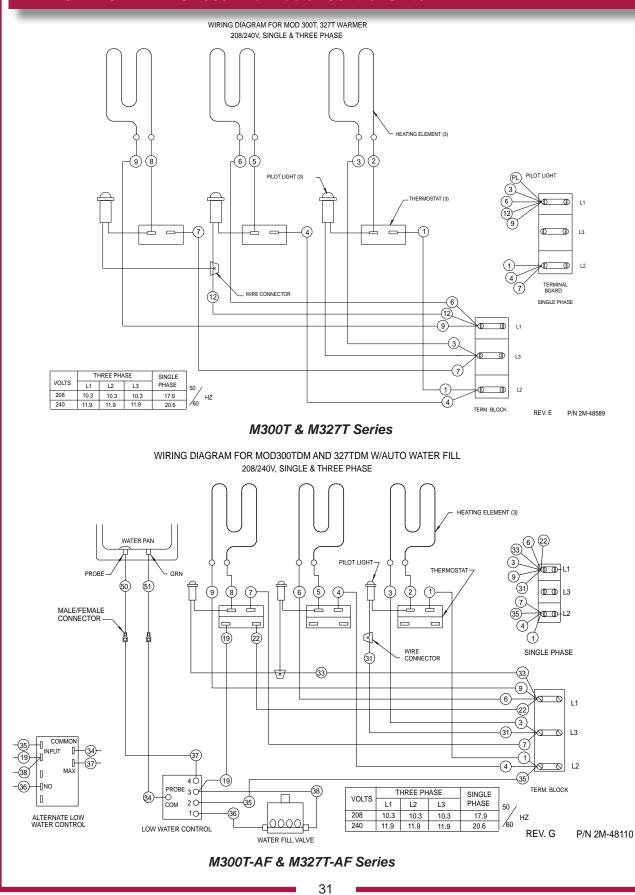
M300E & M327E Series

WIRING DIAGRAM: Electronically Control Units

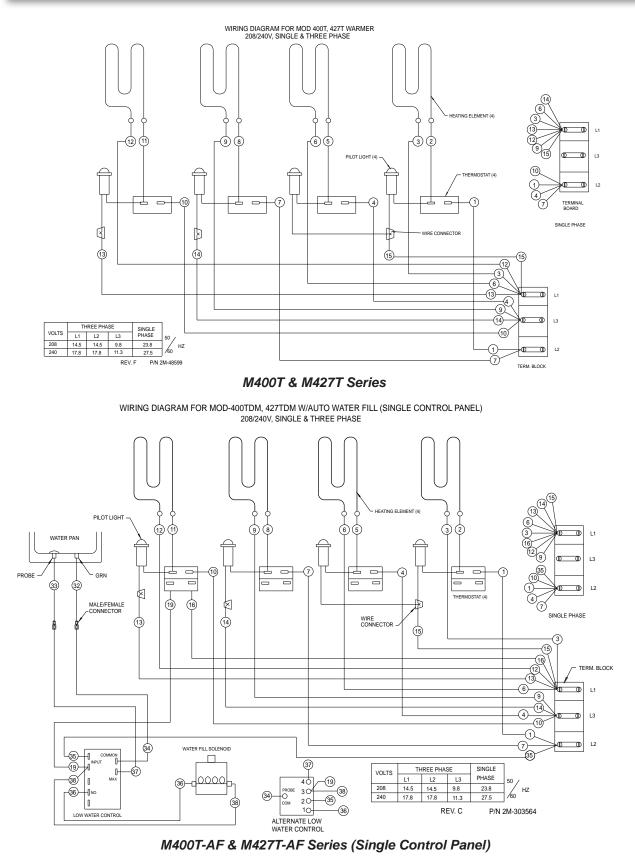




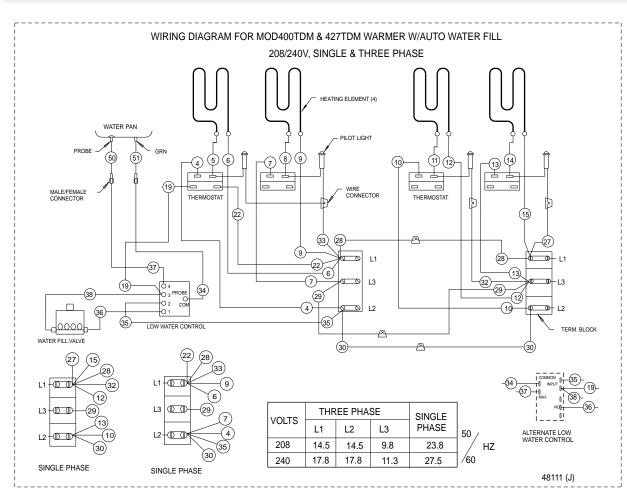
WIRING DIAGRAM: MOD300 Thermostat Control Units



WIRING DIAGRAM: MOD400 Thermostat Control Units



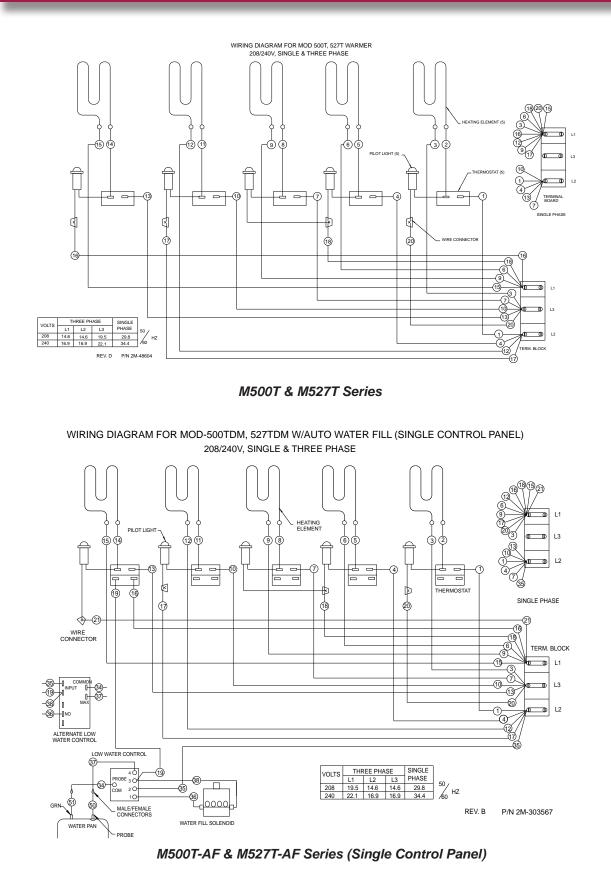
WIRING DIAGRAM: MOD400 Thermostat Control Units



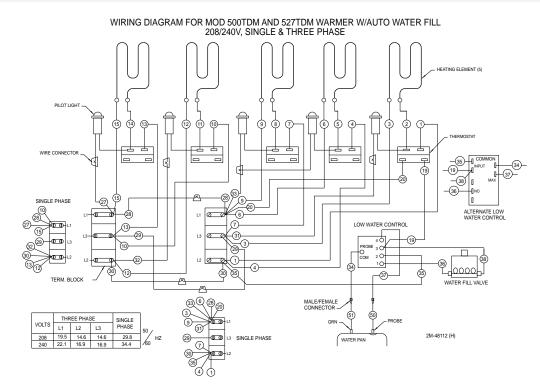
M400T-AF & M427T-AT Series (Dual Control Panel)

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WIRING DIAGRAM: MOD500 Thermostat Control Units



WIRING DIAGRAM: MOD500 Thermostat Control Units



M500T-AF & M527T-AT Series (Dual Control Panel)

PARTS & SERVICE		
Always use an inset. DO NOT place food directly	DESCRIPTION	PART NO.
into the warmer pan.	ADAPTERS & INSETS	
	ADAPTER TOP, convert 12" x 20" warmer to hold two 7 qt. insets	WS-21502
	ADAPTER TOP, convert 12" x 20" warmer to hold two 4 qt. and two 2½ qt	DD-21503
	ADAPTER TOP, convert 12" x 20" warmer to hold three 4 qt. insets	DD-21616
	ADAPTER TOP, convert 12" x 20" warmer to hold one 7qt. and one 4 qt.	DD-21618
	ADAPTER TOP, convert 12" x 20" warmer to hold four 21/2 qt. insets	WS-21623
	ADAPTER TOP, convert 12" x 27" SMPT-27 to hold three 7 qt. insets	DD-21503
	4 QT. ROUND INSET w/ lid	WS-20774
	7 QT. ROUND INSET w/ lid	WS-20587
	11 QT. ROUND INSET w/ lid	WS-20908
	11 QT. ROUND INSET w/ hinged lid	WS-21057

PARTS & SERVICE

DESCRIPTION	PART NO.	IMPORTANT: Use only factory	
ACCESSORIES		authorized service parts and replacement filters.	
WELLSLOK EXTENSION KIT, for UL LISTED circular warmers only, adapt to wood counter up to 1¾" thick	WS-22592*	For factory authorized service, or to order factory authorized replacement parts, contact your Wells authorized service	
WELLSLOK EXTENSION KIT, for UL LISTED		agency, or call:	
12" x 20" warmers only, adapt to wood counter up to $1\frac{3}{4}$ " thick	WS-22593*	Wells Bloomfield, LLC 10 Sunnen Dr.	
*Wellslok Extension Kits for UL Listed units approved installation in wood counter tops	St. Louis MO 63143 USA		
One well units require one kit / Two and three well un two kits / four and five well units require three kits	Service Dept. phone: (314) 678-6314 fax: (314) 781-2714		
DRAIN VALVE EXTENSION KIT, extension from drain to counter front with remote handle, for use		Convice Donte Department	
with "D" models only, excluding "DM" models	WS-20385	Service Parts Department can supply you with the name and telephone number of	
DRAIN SCREEN	P2-31869	the WELLS AUTHORIZED SERVICE AGENCY nearest	
OPTIONAL 72" WIRING, thermostatically controlled v ** contact factory customer service for availability	you.		

CUSTOMER SERVICE DATA please have this information available if calling for service

RESTAURANT INSTALLATION DATE	 ١
SERVICE COMPANY ADDRESS TELEPHONE NUMBER () EQUIPMENT MODEL NO.	_ZIP
EQUIPMENT SERIAL NO VOLTAGE: (check one) 120 208 240	
L	



Wells Bloomfield proudly supports CFESA Commercial Food Equipment Service Association

SERVICE TRAINING - QUALITY SERVICE





WELLS BLOOMFIELD, LLC 10 Sunnen Dr., St. Louis, MO 63143

telephone: 314-678-6314 fax: 314-781-2714 www.wellsbloomfield.com