



WELLS MANUFACTURING COMPANY
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 Verdi, NV 89439
 Customer Service (775) 345-0444 Ext.502
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www.wellsbloomfield.com

OPERATION MANUAL FREE STANDING DRAWER WARMERS

MODELS
RW-16 thru RW-36 Standard
RW-16HD thru RW-36HD and RW-176HD
RWN-16 thru RWN-36 Narrow
 Includes
INSTALLATION and USE & CARE



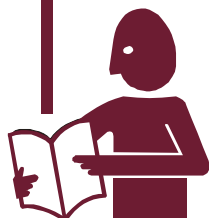
Model RW-26HD



Model RWN-2

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 MFG. CO. 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 MFG. CO. 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 unau-

thorized personnel. The prices charged by Wells Mfg. Co. 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 Mfg. Co. 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 Mfg. Co. 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 write the Factory Service Department, Wells Manufacturing Company, P.O. Box 280, Verdi, Nevada 89439, phone (775) 345-0444 or (888) 492-2782, for information and other details concerning warranty.

SERVICE POLICY AND PROCEDURE GUIDE ADDITIONAL WARRANTY EXCLUSIONS

1. 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.
2. 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.
3. 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.
4. 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 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.
8. All labor shall be performed during regular working hours. Overtime premium will be charged to the buyer.
9. 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 non-genuine Wells parts completely voids any warranty.**
10. Installation, labor, and job check-outs are **not** considered warranty and are thus **not** covered by this warranty.
11. 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.

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:

1. **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.

3. **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 Manufacturing 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 Manufacturing Co. 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.

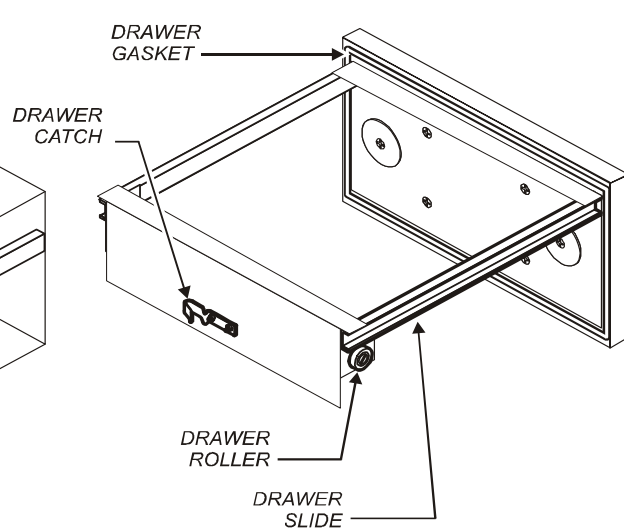
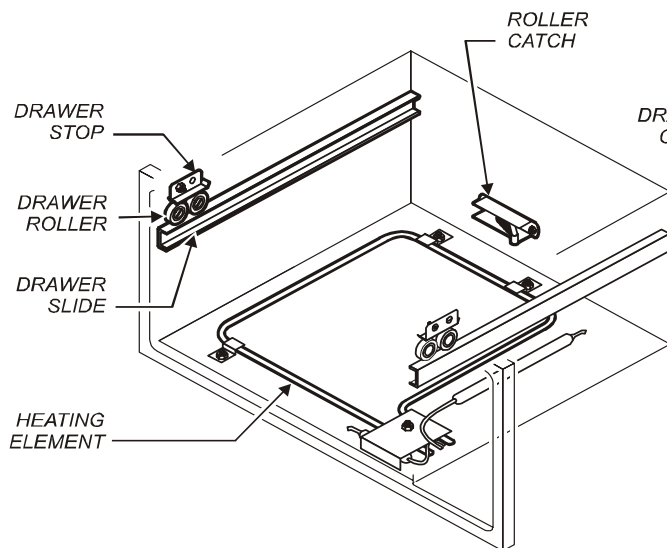
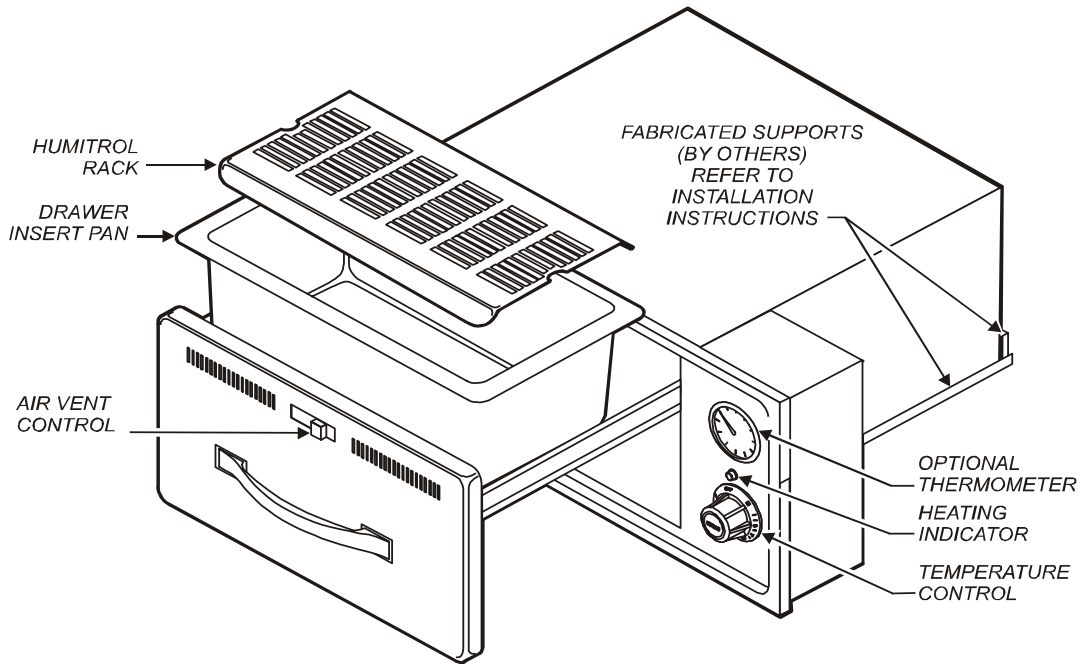
This manual contains the information needed to properly install this appliance, and to use and care for the appliance in a manner which will ensure its optimum performance.

SPECIFICATIONS

MODELS	VOLTS 50/60 Hz 1 ϕ	WATTS	AMPS	POWER SUPPLY WIRING REQUIRED
RW-16 RW-16HD RWN-16	120 VAC	450 W	3.8	120 VAC (L1, Neut. Gnd)
	208 VAC	338 W	1.6	208 VAC (L1, L2, Gnd)
	240 VAC	450 W	1.9	240 VAC (L1, L2, Gnd)
RW-26 RW-26HD RWN-26	120 VAC	900 W	7.5	120 VAC (L1, Neut. Gnd)
	208 VAC	676 W	3.3	208 VAC (L1, L2, Gnd)
	240 VAC	900 W	3.8	240 VAC (L1, L2, Gnd)
RW-36 RW-36HD RWN-36	120 VAC	1,350 W	11.3	120 VAC (L1, Neut. Gnd)
	208 VAC	1,014 W	4.9	208 VAC (L1, L2, Gnd)
	240 VAC	1,350 W	5.6	240 VAC (L1, L2, Gnd)
RW-176HD	120 VAC	550 W	4.5	120 VAC (L1, Neut. Gnd)
	208 VAC	413 W	2.0	208 VAC (L1, L2, Gnd)
	240 VAC	550 W	2.3	240 VAC (L1, L2, Gnd)

NOTE: Units with "T" in suffix (e.g. RWT-176HD) are built with the optional thermometer, and are electrically identical to units without a "T".

FEATURES & OPERATING CONTROLS (continued)



PRECAUTIONS AND GENERAL INFORMATION

This appliance is intended for use in commercial establishments only.

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

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

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

Disconnect 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. Do not wash floor around this appliance with water or steam jet.

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

Heating element will be very hot when in use. Contact may cause serious 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.



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.



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* and maintained according to the instructions in this manual.

Models with optional built-in thermometer are NSF approved for potentially hazardous foods.

This appliance is  Listed under UL File E6070 for 120V, 208V and 240V.

This appliance is  Listed under UL File E6070 for 120V, 208V and 240V.



STD 4



E6070



E6070

INSTALLATION

NOTE: DO NOT discard the carton or other packing materials until you have inspected the appliance for hidden damage and tested it for proper operation.

Refer to *SHIPPING DAMAGE CLAIM PROCEDURE* on the inside front cover of this manual.



WARNING: PERSONAL INJURY RISK

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.



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.

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.

COMPONENTS

- 1 - 4 ea. DRAWERS (qty. depends on model)
- 1 - 4 ea. HUMITROL RACKS (if ordered with unit)

FABRICATION

Refer to *INSTALLATION INSTRUCTIONS* for cutout dimensions and support fabrication information.

1. Layout front panel cutout dimensions. Cut hole in counter front panel.
2. Position supplied mounting flange in hole to determine hole location. Drill hole using #34 drill.
3. Attach flange to front panel using the provided #6 screws.
4. Fabricate rails and rear support as shown in instructions.

INSTALLATION

Refer to electrical specifications on page 1. Circuit must meet or exceed the amperage and wattage requirements listed.

1. For ease of installation, remove drawer from unit.
2. Slide unit through front panel opening until rear of unit rests on the rear support.
3. Remove TEMPERATURE CONTROL KNOB and CONTROL PANEL.
4. Install provided #8-32 speednuts on mounting flange. Secure mounting flange to the front panel and secure unit to mounting flange using the provided #8-32 flathead screws.
5. Connect power leads (including ground lead). Wiring or conduit must be secured to the warmer with a suitable strain relief (provided by electrical installer).
6. Reinstall CONTROL PANEL and TEMPERATURE CONTROL KNOB.

7. Reinstall drawer(s) in unit:
 - a. Check the roller catch inside the cabinet. The spring-loaded roller arm must be extended.
 - b. With the front of the drawer assembly tipped downward, engage the roller on the drawer with the cabinet drawer slide.
 - c. Raise the drawer to the horizontal position until the drawer-mounted slide engages the dual roller assembly on the cabinet.
 - d. Slide the drawer in until the catch engages. The drawer should remain tightly closed.
 - e. Slide the drawer out. The drawer stop should prevent the drawer from coming all of the way out.
 - f. Install drawer insert pans.

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



**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:
ELECTRICAL
SHOCK HAZARD**

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:

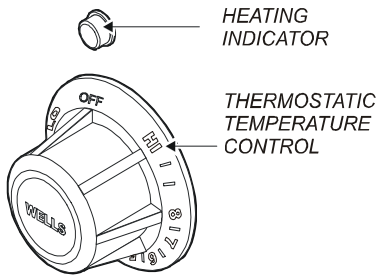
Damage due to being connected to the wrong voltage or phase is NOT covered by warranty.

OPERATION



CAUTION: HOT SURFACE

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



NOTE:

The chart below is intended as a guide ONLY. Your own experience with this appliance, type of foods and method of operation will enable you to determine the temperature control and air vent settings best suited to your operation.

HEATING OPTIONS

1. Moist heat with Humitrol Rack:
 - a. MOIST operation prevents food from drying out as heat is applied to the warming chamber.
 - b. To set for MOIST operation, remove the Humitrol Rack from bottom of drawer insert pan and carefully pour approximately 2 quarts of water (½" depth) into the pan. Reinstall rack.
 - c. When the drawer is closed, the Humitrol Rack allows water vapor to rise through the stored product in the drawer. The Humitrol Rack also decreases the sloshing effect of the water in the pan when the drawer is opened.
 - d. Place the food directly on the rack. The rack is designed to support the food off of the steam vents, where water droplets may form.
 - e. Check the water level in the pan periodically, and add water when necessary.
 - f. Set the front air vent between fully closed and half-open. Actual setting will depend upon the type and amount of product stored in the drawer, the temperature setting, and the frequency with which the drawer is opened.

2. Moist heat with pans:
 - a. This Wells warmer is designed to accommodate any combination of standard-size, steam table pans.
 - b. Place a small amount of water in drawer pan. Place the steam table pans in the drawer pan.
 - c. Check the water level in the pan periodically, and add water when necessary.

3. Dry heat:
 - a. For some applications, you may want to store previously prepared foods in a dry-heat environment. To do so, place the food directly into the empty (i.e. no water) drawer pan.

OPERATING CHART FOR DRAWER WARMERS

PRODUCT TYPE	RECOMMENDED STORAGE TEMP.	TYPE OF HEAT	CONTROL SETTING	AIR VENT SETTING
Hard Rolls	160-185°F	Dry	7-8	Full Open
Soft Rolls	150-175°F	Moist	6-7	Open - ½
Vegetables	175-185°F	Moist	7-8	Open - ½
Meats	165-185°F	Dry	6-8	Full Open
Fish	165-185°F	Moist	6-8	Closed
Casseroles	150-175°F	Dry	6-7	Full Open
Pies, Desserts	160-185°F	Dry	6-7	Full Open
Taco Shells	150-170°F	Dry	4-6	Full Open
Corn Chips	150-170°F	Dry	4-6	Full Open

do not put water
in the pan

OPERATION

1. Determine the type of food to be warmed.
2. Refer to the chart on page 6 to determine the type of heat required.
3. Set the air vent control for the type of heat, and rotate the thermostat knob to the temperature setting desired.
4. Allow warmer to pre-heat for approximately 30 minutes before use.

DO'S and DON'TS

1. **DO** Always use a drawer pan.
DO NOT Place food directly into the warmer cavity.
2. **DO** Check water level in moist-operation warmer frequently during use.
DO Use a Humitrol Rack or Insets to hold food for moist operation.
3. **DO** Use warm water to add to the pan during moist operation.
DO NOT Put ice into a warmer pan. Ice in the pan will cause condensation on the inside of the warmer cavity.
4. **DO** For heavy product (potatoes, etc.) use heavy-duty warmer (RW-16HD, for example).
DO NOT Use regular-duty warmers for heavy produce.



CAUTION:
Hot Surface

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



CAUTION:
Electrical Shock Hazard

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

IMPORTANT:

DO NOT place food directly into the warmer cavity. Always use a drawer pan.

IMPORTANT:

DO NOT put ice into a warmer pan. Ice in the pan will cause condensation on the inside of the warmer cavity. Damage caused by this type of condensation is **NOT** covered by warranty.

CLEANING INSTRUCTIONS



CAUTION: ELECTRIC SHOCK HAZARD

Disconnect appliance from electric power before cleaning.



CAUTION: HOT SURFACE

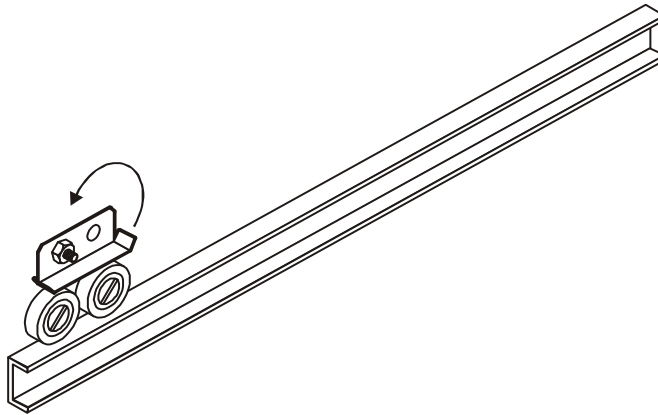
Exposed surfaces can be hot to the touch and may cause burns. Allow appliance to cool before cleaning.

PRECAUTIONS: Turn control knob to OFF.
Allow drawers to cool before proceeding.
Remove drawer pans and Humitrol racks.

FREQUENCY: Minimum -Daily

TOOLS: Warm water and mild detergent
Clean cloth or sponge

1. Remove drawers from warmer:
 - a. Pull warmer drawer out until fully extended.
 - b. Slide finger along left and right slide rail until you reach the latches (located at the front end of the cabinet-mounted rails) Press down on both left and right latch.
 - c. Pull drawer away from warmer.



2. Clean drawers, drawer pans, Humitrol Racks and/or insets with warm water and mild detergent. Rinse all components thoroughly with clear water. Dry all components prior to reinstalling them in warmer.
3. Sweep crumbs and other debris from warmer cavity.
4. Clean the outside of the unit by wiping with a clean cloth or sponge, warm water and mild detergent. Dry with a clean cloth, then wipe with a polish formulated for stainless steel.
5. It is important to keep the slide rails clear and free from debris. Periodic cleaning of the slide rails and other adjoining parts is necessary to assure smooth drawer operation.
6. Check drawer rollers. Be sure they roll freely and that the slide rails are free from debris.
7. Be sure cabinet-mounted drawer catch roller is "up", then re-install drawers.

TROUBLESHOOTING SUGGESTIONS

SYMPTOM	POSSIBLE CAUSE	SUGGESTED REMEDY
No lights or heat (all drawers)	Warmer unplugged	Plug warmer into appropriate receptacle
	Circuit breaker off or tripped	Reset circuit breaker
	Internal damage	Contact an Authorized Wells Service Agency for repairs.
No heat (one drawer)	Temperature control not set	Set for desired temperature.
	Internal damage	Contact an Authorized Wells Service Agency for repairs.
Food dries out	Humidity control (air vent) not set	OPEN air vent for dry operation. CLOSE air vent for moist operation.
	Water in pan evaporated or low	Add water to pan.
Food gets soggy	Food contacting water	Use a Humitrol Rack
	Water level too high	Water should be no more than 1/2" deep
	Humidity control (air vent) not set	OPEN air vent for dry operation. CLOSE air vent for moist operation.
Drawer falls open	Catch roller not extended before closing drawer	Be sure catch roller is extended before installing drawer.
	Drawer catch damaged	Contact an Authorized Wells Service Agency for repairs.
Drawer falls out when opened	Drawer stop dirty	Clean and lubricate drawer stop
	Drawer stop damaged	Contact an Authorized Wells Service Agency for repairs.

MAINTENANCE INSTRUCTIONS (continued)



CAUTION: ELECTRIC SHOCK HAZARD

Disconnect appliance from electric power before cleaning.



CAUTION: HOT SURFACE

Exposed surfaces can be hot to the touch and may cause burns. Allow appliance to cool before cleaning.

ADJUSTMENTS AND LUBRICATION

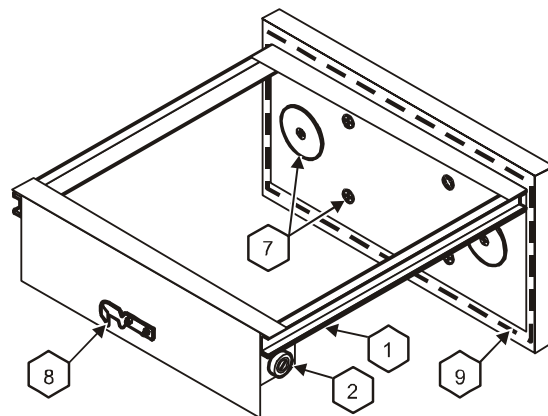
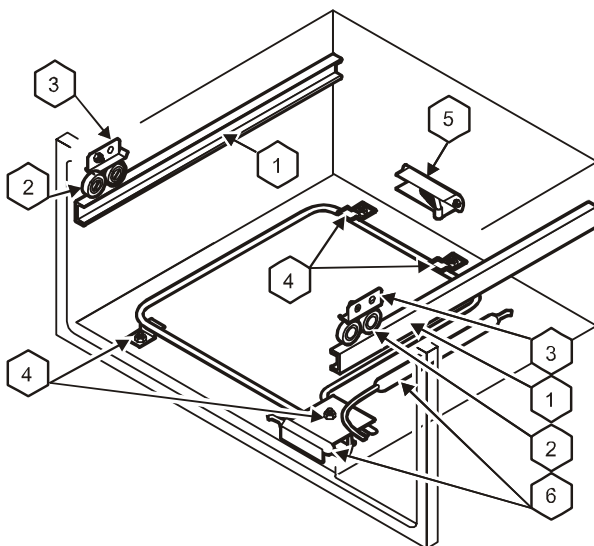
PRECAUTIONS: Turn control knob to OFF. Unplug warmer. Allow drawers to cool before proceeding. Remove drawer pans and Humitrol racks.

FREQUENCY: Minimum - monthly. Every 2 weeks recommended.

TOOLS: Screwdrivers, Phillips (+) and flat blade (-). Nut drivers, 3/8" and 7/16". Food-grade lubricant.

1. Check slides on cabinet and drawers for cleanliness.
2. Check all rollers on cabinet and drawers for cleanliness and tightness. Lubricate.
3. Check cabinet drawer stops for operation. Non-spring stops must rotate freely. Spring-type stops must "snap" down positively. Clean and adjust as required.
4. Check cabinet heating element fasteners for tightness.
5. Check all cabinet drawer catches for tightness and operation. Lubricate. Be certain roller is "out" before attempting to install drawer.
6. Check cabinet thermobulbs for condition. Thermobulbs must be securely mounted in the appropriate holder. Arrange repairs for damaged thermobulbs.
7. Check drawer faceplate and handle fasteners for tightness.
8. Check drawer catch clip for tightness.
9. For drawers equipped with gaskets, examine condition of gasket. Arrange repairs for torn or damaged gaskets.
10. Reinstall drawers and check for proper operation.

Procedure is complete.



PARTS & SERVICE

DESCRIPTION

HUMITROL RACK
PAN, STAINLESS (ALL EXCEPT RWN)
PAN, STAINLESS (RWN ONLY)

PART NO.

20624
21488
22228

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 Co.
2 Erik Circle
P. O. Box 280
Verdi, NV 89439
phone: (775) 345-0444
fax: (888) 492-2783
(Service Parts Dept.)

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

CUSTOMER SERVICE DATA

please have this information available if calling for service

RESTAURANT _____ LOCATION _____
INSTALLATION DATE _____ TECHNICIAN _____
SERVICE COMPANY _____
ADDRESS _____ STATE _____ ZIP _____
TELEPHONE NUMBER (____) _____ - _____

EQUIPMENT MODEL NO. _____
EQUIPMENT SERIAL NO. _____

VOLTAGE: (check one) 120 208 240



Wells Manufacturing proudly supports CFESA
Commercial Food Equipment Service Association

SERVICE TRAINING - QUALITY SERVICE



CUSTOMER SATISFACTION



WELLS

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