



**Henny Penny
Heated Holding Cabinet
Model HCH-930
Model HCH-932**

TECHNICAL MANUAL

TABLE OF CONTENTS

Section	Page
Section 1. TROUBLESHOOTING	1-1
1-1. Introduction	1-1
1-2. Safety	1-1
1-3. Troubleshooting	1-1
Section 2. MAINTENANCE	2-1
2-1. Introduction	2-1
2-2. Maintenance Hints	2-1
2-3. Deliming Water Pan and Baffles	2-1
2-4. Clean Water Strainer	2-2
2-5. Replace Water Strainer	2-2
2-6. Cleaning Water Valve	2-3
2-7. Replacing Water Valve	2-4
2-8. Float Switch	2-5
2-9. Solid State Delay Timer	2-6
2-10. Blower	2-6
2-11. Heater	2-7
2-12. High Limit	2-7
2-13. Thermometer	2-8
2-14. Thermostat	2-9
2-15. Power Switch	2-10
2-16. Indicating Lights	2-10
2-17. Fan	2-11
2-18. Drawer Gasket	2-11
2-19. Drawer and Liner Bearing Replacement	2-12
2-20. Wiring Diagrams	2-13
Section 3. PARTS INFORMATION	3-1
3-1. Introduction	3-1
3-2. Genuine Parts	3-1
3-3. When Ordering Parts	3-1
3-4. Prices	3-1
3-5. Delivery	3-1
3-6. Warranty	3-1
3-7. Recommended Spare Parts for Distributors	3-1

SECTION 1. TROUBLESHOOTING

1-1. INTRODUCTION

This section provides troubleshooting information in the form of an easy to read table.

If a problem occurs during the first operation of a new cabinet, recheck the Installation Section of the Operator's Manual.

Before troubleshooting, always recheck the Operation Section of the Operator's manual.

1-2. SAFETY

Where information is of particular importance or is safety related, the words NOTICE, CAUTION, or WARNING are used. Their usage is described below.



SAFETY ALERT SYMBOL is used with DANGER, WARNING, or CAUTION which indicates a personal injury type hazard.

NOTICE is used to highlight especially important information.

CAUTION used without the safety alert symbol indicates a potentially hazardous situation which, if not avoided, may result in property damage.

CAUTION indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.

The word WARNING is used to alert you to a procedure, that if not performed properly, might cause personal injury.

1-3. TROUBLESHOOTING

To isolate a malfunction, proceed as follows:

1. Clearly define the problem or symptom and when it occurs.
2. Locate the problem in the Troubleshooting table.
3. Review all possible causes. Then, one at a time work through the list of corrections until problem is solved.



If maintenance procedures are not followed correctly, injuries and/or property damage could result.

1-3. TROUBLESHOOTING (Continued)

Problem	Cause	Correction
OPERATION		
A. Product not holding temperature	• Drawers left open • Product held too long • Thermostat set too low • Heater not working • Blower not working	• Keep drawers closed except to load and serve product • Hold product only for recommended times • Increase thermostat setting by removing the hole plug on control panel and turning thermostat shaft clockwise with a screw driver • Check heater and replace if bad • Check blower and replace if bad
B. Cabinet steaming or product soggy	• Too much humidity inside cabinet	• Remove one or more baffles from water pan

WATER SYSTEM

A. Water pan not filling	• Water supply off, or disconnected • Plugged water strainer • Corroded water pan • Faulty or corroded water valve • Faulty solid state timer	• Check water supply line • Clean water strainer • Clean water pan • Clean water valve, or replace if necessary • Replace solid state timer
B. Water pan overflows	• Water pan not installed, or installed improperly • Corroded water pan • Faulty or corroded water valve • Faulty float switch • Faulty solid state timer	• Check water pan installation • Clean water pan • Clean water valve or replace if bad • Check float switch • Replace solid state timer

1-3. TROUBLESHOOTING (Continued)

Problem	Cause	Correction
HEATING SYSTEM		
A. Unit not heating	• Faulty thermostat • Faulty high limit • Faulty heater • Faulty wiring	• Check thermostat • Check high limit • Check heater • Check wiring for loose connections or broken wires
B. Unit not heating to desired temperature	• Faulty blower • Thermometer not indicating true temperature	• Check blower and replace if bad • Check cabinet temperature with another thermometer; if necessary, replace thermometer
C. Unit overheats	• Faulty thermostat • Faulty blower	• Check thermostat • Check blower and replace if bad
POWER SECTION		
A. With power switch turned on, the cabinet is inoperative	• Unit not connected to electrical supply • Open circuit breaker or fuse • Faulty cord or plug • Faulty power switch	• Connect unit to electrical supply • Reset circuit breaker, or replace fuse • Check cord and plug • Check power switch
B. With power switch turned on, the blower and fan operate, but the power light is off, and the unit won't heat	• Open high limit	• With unit cool, check high limit • If the high limit opened because of overheating, refer back to part C of the Heating System troubleshooting

THIS
PAGE
INTENTIONALLY
LEFT
BLANK.

SECTION 2. MAINTENANCE

2-1. INTRODUCTION

This section provides procedures for the checkout and replacement of the various parts used in the cabinet. Before replacing any parts, refer to the Troubleshooting section. It will aid you in determining the cause of the malfunction.

2-2. MAINTENANCE HINTS

1. You may want to use a multimeter to check the electric components.
2. When the manual refers to the circuit being closed, the multimeter should read zero unless otherwise noted.
3. When the manual refers to the circuit being open, the multimeter will read infinity.

2-3. DELIMING WATER PAN AND BAFFLES

Inspect the water pan and baffles every 10 days for lime buildup, and clean when necessary.

CAUTION

Failure to keep the water pan and baffles free of lime buildup reduces the performance of the cabinet.

1. Disconnect the electrical supply to the cabinet.

CAUTION

Failure to disconnect power to the cabinet causes the interior of the cabinet to be “flooded” with water from the automatic water fill system.



Step 3

2. Remove the top drawer from the cabinet.
3. Remove the water pan and baffles by supporting the pan with one hand and pulling out on the latches with the other hand. The water pan drops down from the ceiling.
4. Remove the 4 baffles from the water pan.

2-3. DELIMING WATER PAN AND BAFFLES (Continued)

5. Clean the baffles and water pan with a brush, or other tool, to loosen and remove any buildup. If the buildup is excessive, a liquid chemical lime remover may help to remove lime.

CAUTION

Do not use steel wool, other abrasive cleaners or cleaners/sanitizers containing chlorine, bromine, iodine or ammonia chemicals, as these will deteriorate the stainless steel material and shorten the life of the pan and baffles.

6. After removing all lime buildup, rinse pan and baffles, and place water pan and baffles back into cabinet. Make sure water pan is secure against the ceiling of the cabinet.
7. Replace the top drawer.
8. Reconnect electrical supply to cabinet.

2-4. CLEAN WATER STRAINER



Step 2

1. Shut off water supply.
2. Remove the hex cap at the bottom of the strainer.
3. Remove the screen from the strainer and clean it. If strainer has a lime buildup, lime remover can be used.
4. Reassemble in reverse order.
5. Turn on water supply and check for leaks.

2-5. REPLACE WATER STRAINER



1. Shut off water supply.
2. Disconnect water supply tubing.
3. Remove the water strainer, along with the fittings on both ends.
4. Transfer the two fittings from the old strainer to the new one.

NOTICE

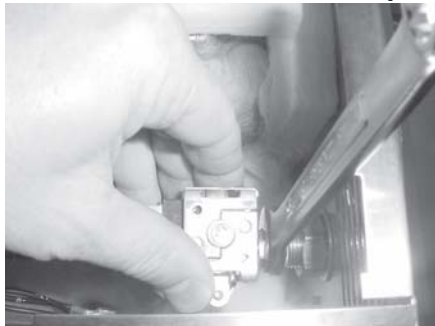
Pipe sealant is needed on all threaded fittings.

5. Install the new strainer on cabinet.
6. Reconnect the water supply tubing.
7. Turn on water supply and check for leaks.

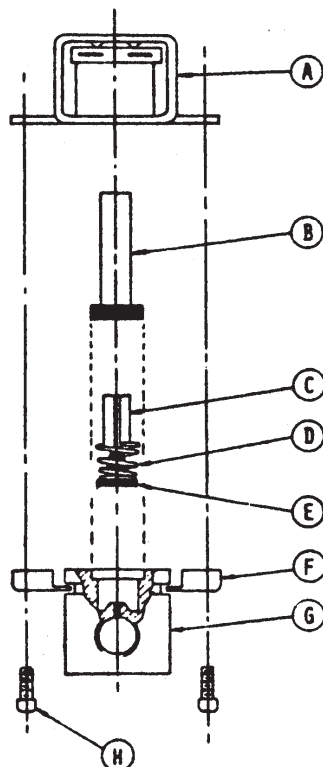
2-6. CLEANING WATER VALVE



Step 3



Step 8



Steps 9-18

1. Disconnect electrical supply to unit.



To avoid electrical shock or property damage, move the power switch to OFF and disconnect main circuit breaker, or unplug cord at wall receptacle.

2. Shut off water supply.
3. Disconnect the water supply tubing from the water strainer.
4. Remove the cabinet top.
5. Label wires then remove the wires from water valve.
6. Disconnect the water tubing from the outlet side of water valve.
7. Loosen large nut holding the fittings on the inside, back wall of the cabinet.
8. Pivot the water valve against the side wall of the cabinet. Hold the brass fitting on the inlet side of the valve with a wrench, and then turn valve counterclockwise until the valve is free from the fitting.
9. Remove the 2 screws (H) from the coil retainer (F).
10. Remove the retainer and pull the coil (A) off of the valve to expose the stem.
11. Remove the stem by carefully pulling upward. The plunger (C), spring (D), and seat (E), are now exposed.
12. Remove the plunger, spring, and seat, and check the rubber seat for dirt.
13. Clean the valve body (G) and the rubber seat if necessary by flushing them with clean water. Let water run both ways through the body to flush any dirt from the valve.
14. Carefully place the seat, spring, and plunger back into the valve body. Be sure the large diameter of the spring is pointed up.
15. Place the stem over the plunger and lightly press the stem seal into place.

2-6. CLEANING WATER VALVE **(Continued)**

16. Replace the coil and press it firmly against the body.
17. Position the coil terminals so they line up with the outlet of the water valve.
18. Position the coil retainer with open side up, and fasten with the 2 screws removed earlier.
19. Remount the water valve and reconnect the tubing in reverse order of disassembly.
20. Reconnect the wires to the valve.
21. Replace the cabinet top.
22. Reconnect the water supply tubing to the water strainer and turn on the water supply.
23. Reconnect the electrical supply to the cabinet.

2-7. REPLACING WATER VALVE

1. Follow steps 1 through 8 of section 2-6.



To avoid electrical shock or property damage, move the power switch to OFF and disconnect main circuit breaker, or unplug cord at wall receptacle.

2. Remove the brass fitting from the outlet side of the water valve.
3. Install the fitting, just removed, on the outlet side of the new valve.



Place pipe sealant on the threads of the fittings.

4. Mount the new water valve and connect the tubing to the outlet side in reverse order of disassembly.
5. Reconnect the wires to valve.
6. Replace cabinet top.
7. Reconnect water supply tubing to the water strainer and turn on water supply.
8. Reconnect electrical supply to the cabinet.

2-8. FLOAT SWITCH

1. Disconnect the electrical supply to the cabinet.



To avoid electrical shock or property damage, move the power switch to OFF and disconnect main circuit breaker, or unplug cord at wall receptacle.

2. Remove the cabinet top.
3. Remove the float switch wire from the L1 wire nut, and check for continuity across this wire and terminal 3 of the solid state relay. With the float in the raised position, the circuit should be open. With the float in the lowered position, the circuit should be closed. If the float is not defective, reconnect the float switch wire to the L1 wire nut. If it proves defective, continue with the steps below.

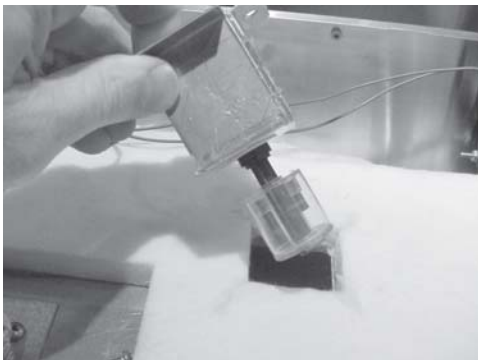


Step 5

4. Cut the float switch wire that attaches to terminal 3 on the solid state relay.
5. Remove the 2 screws securing the float switch well and pull the well up and out of the heater box cover.
6. Remove the nut securing the float switch in the well and remove the old float switch. Save the 2 spacers removed with the float switch.
7. Install new float switch using the 2 white spacers from step 6.



Tighten the float switch nut finger tight only! Over-tightening the nut damages the float switch.



Step 6

8. Reinstall the float switch well.
9. Strip the end of the cut wire from step 4, and attach it to one of the new float switch wires, using a wire nut.
10. Connect the other float switch wire to the L1 wire nut.
11. Replace the cabinet top.
12. Reconnect the electrical supply to the cabinet.

2-9. SOLID STATE DELAY TIMER



Solid State Delay Timer

1. Disconnect the electrical supply to the cabinet.



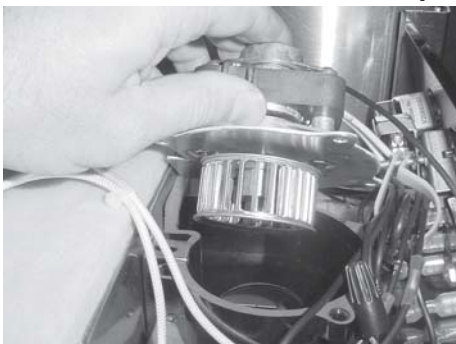
To avoid electrical shock or property damage, move the power switch to OFF and disconnect main circuit breaker, or unplug cord at wall receptacle.

2. Remove the cabinet top.
3. Remove the 2 nuts securing the relay to the back of the control panel.
4. Transfer the 5 relay wires, one-at-a-time, from the old relay to the new one.
5. Mount the new relay on the back of the control panel with the 2 nuts removed earlier.
6. Replace the cabinet top.
7. Reconnect the electrical supply.

2-10. BLOWER



Step 4



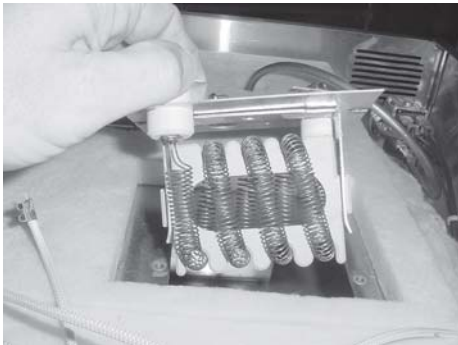
To avoid electrical shock or property damage, move the power switch to OFF and disconnect main circuit breaker, or unplug cord at wall receptacle.

1. Disconnect the electrical supply to the cabinet.
2. Remove the cabinet top.
3. Remove the 2 blower wires from the L1 and L2 wire nuts.
4. Remove the 4 screws and lockwashers securing the blower to the blower box, and remove blower.
5. Install new blower in reverse order of disassembly.
6. Reconnect the electrical supply to the cabinet.

2-11. HEATER



Step 5



2-12. HIGH LIMIT



Step 5

1. Disconnect the electrical supply to the cabinet.



To avoid electrical shock or property damage, move the power switch to OFF and disconnect main circuit breaker, or unplug cord at wall receptacle.

2. Remove the cabinet top.
3. Remove the 2 screws securing the high limit to the heater, and pull high limit from heater.
4. Remove the 2 wires attached to the heater terminals.
5. Remove the 2 screws securing the heater to the heater box cover, and remove heater from unit.
6. Install new heater in reverse order.
7. Reconnect electrical supply to the cabinet.

1. Disconnect the electrical supply to the cabinet.



To avoid electrical shock or property damage, move the power switch to OFF and disconnect main circuit breaker, or unplug cord at wall receptacle.

2. Remove cabinet top.
3. Remove the 2 wires attached to the high limit.
4. Check for continuity across the 2 terminals of the high limit. As long as the temperature of the cabinet is below 210° F (99° C), and the blower is operating properly, the high limit should be closed. If the high limit is defective, continue with the following steps.
5. Remove the 2 screws securing the high limit to the heater, and pull high limit from heater.
6. Install new high limit in reverse order.
7. Reconnect electrical supply to the cabinet.

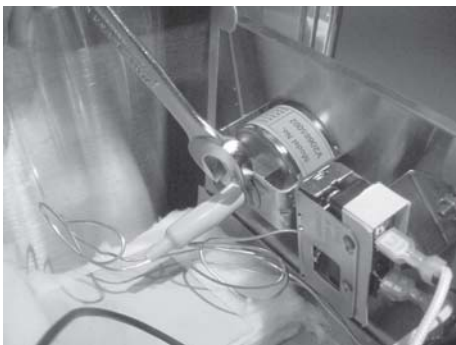
2-13. THERMOMETER



Step 3



Step 5



Step 6

1. Disconnect the electrical supply to the cabinet.



To avoid electrical shock or property damage, move the power switch to OFF and disconnect main circuit breaker, or unplug cord at wall receptacle.

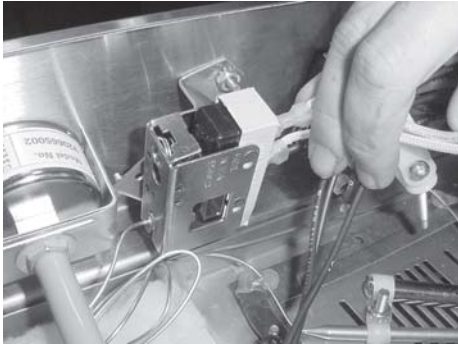
2. Remove the cabinet top.
3. Remove the 4 nuts securing the blower box to the cabinet.
4. Pull the blower box up to expose the thermometer and thermostat bulbs. Carefully lay the blower and blower box off to one side.
5. Remove the 2 nuts securing the bulb retaining clips and remove the thermometer bulb from the clips.
6. Remove the nut securing the thermometer to the mounting bracket on the back of the thermometer body.
7. Remove the thermometer through the control panel.
8. Install new thermometer in reverse order, using the bulb clips provided with the thermometer.

CAUTION

When remounting the blower box to the cabinet, the thermometer and thermostat capillary tubes must pass through the corners of the blower box, or damage to the components could result.

9. Reseal notches in the blower box corners with silicone sealant.
10. Replace the cabinet top.
11. Reconnect the electrical supply to the cabinet.

2-14. THERMOSTAT



Step 3



Step 7

1. Disconnect the electrical supply to the cabinet.



To avoid electrical shock or property damage, move the power switch to OFF and disconnect main circuit breaker, or unplug cord at wall receptacle.

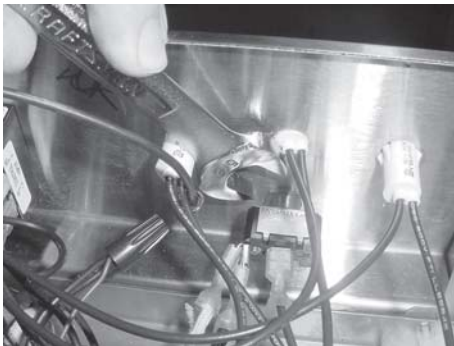
2. Remove the cabinet top.
3. Remove the wires from thermostat. Check for continuity across the 2 terminals. With the thermostat set at the maximum setting (all the way clockwise), the circuit should be closed. In the OFF position (all the way counterclockwise), the circuit should be open. If the thermostat is defective, continue with the following steps.
4. Remove the 4 nuts securing the blower box to the cabinet.
5. Pull the blower box up to expose the thermometer and thermostat bulbs. Carefully lay the blower and blower box off to one side.
6. Remove the 2 nuts securing the bulb retaining clips and remove the thermostat bulb from the clips.
7. Remove the 2 nuts securing the thermostat bracket to the panel.
8. Remove the 2 screws securing the thermostat to the bracket, and remove the thermostat.
9. Install new thermostat in reverse order, using the bulb clips provided with the thermometer.

CAUTION

When remounting the blower box to the cabinet, the thermometer and thermostat capillary tubes must pass through the corners of the blower box or damage to the components could result.

10. Reseal notches in the blower box corners with silicone sealant.
11. Replace the cabinet top.
12. Reconnect the electrical supply to the cabinet.

2-15. POWER SWITCH



Step 4

1. Disconnect the electrical supply to the cabinet.



To avoid electrical shock or property damage, move the power switch to OFF and disconnect main circuit breaker, or unplug cord at wall receptacle.

2. Remove the cabinet top.
3. Remove the wires from the switch. Check for continuity across the 2 terminals. In the ON position, the circuit should be closed. In the OFF position, the circuit should be open. If the switch is defective, continue with the following steps.
4. Loosen the nut securing the switch on the back side of the control panel, and then remove the nut on the front of the control panel.
5. Remove the switch from the unit.
6. Install the switch in reverse order.
7. Replace cabinet top.
8. Reconnect electrical supply to the cabinet.

2-16. INDICATING LIGHTS



Step 4

1. Disconnect the electrical supply to the cabinet.



To avoid electrical shock or property damage, move the power switch to OFF and disconnect main circuit breaker, or unplug cord at wall receptacle.

2. Remove the cabinet top.
3. Cut the light wires just behind the body of the light.
4. Remove the light by squeezing the retainers on the body and pushing the light out through the front of the control panel.
5. Install new light by pushing it through the front of the control panel until it snaps into place.
6. Strip ends of cut wires and connect to new light wires.
7. Replace cabinet top and reconnect electrical supply to cabinet.

2-17. FAN



Step 3



Step 4

1. Disconnect the electrical supply to the cabinet.



To avoid electrical shock or property damage, move the power switch to OFF and disconnect main circuit breaker, or unplug cord at wall receptacle.

2. Remove the cabinet top.
3. Cut the fan wires about 6 inches (152.4 mm) from the fan.
4. Remove the 4 nuts and screws securing the fan and remove fan from the cabinet.
5. Install new fan in reverse order.
6. Strip ends of cut wires and connect them to the new fan wires.
7. Replace cabinet top.
8. Reconnect electrical supply to cabinet.

2-18. DRAWER GASKET



Step 2

1. Remove the basket from the drawer and basket from the cabinet.
2. Remove the 2 screws securing the drawer handle and remove the handle from the drawer. (Location of mounting screws may vary depending on type of handle on the drawer.)

2-18. DRAWER GASKET
(Continued)



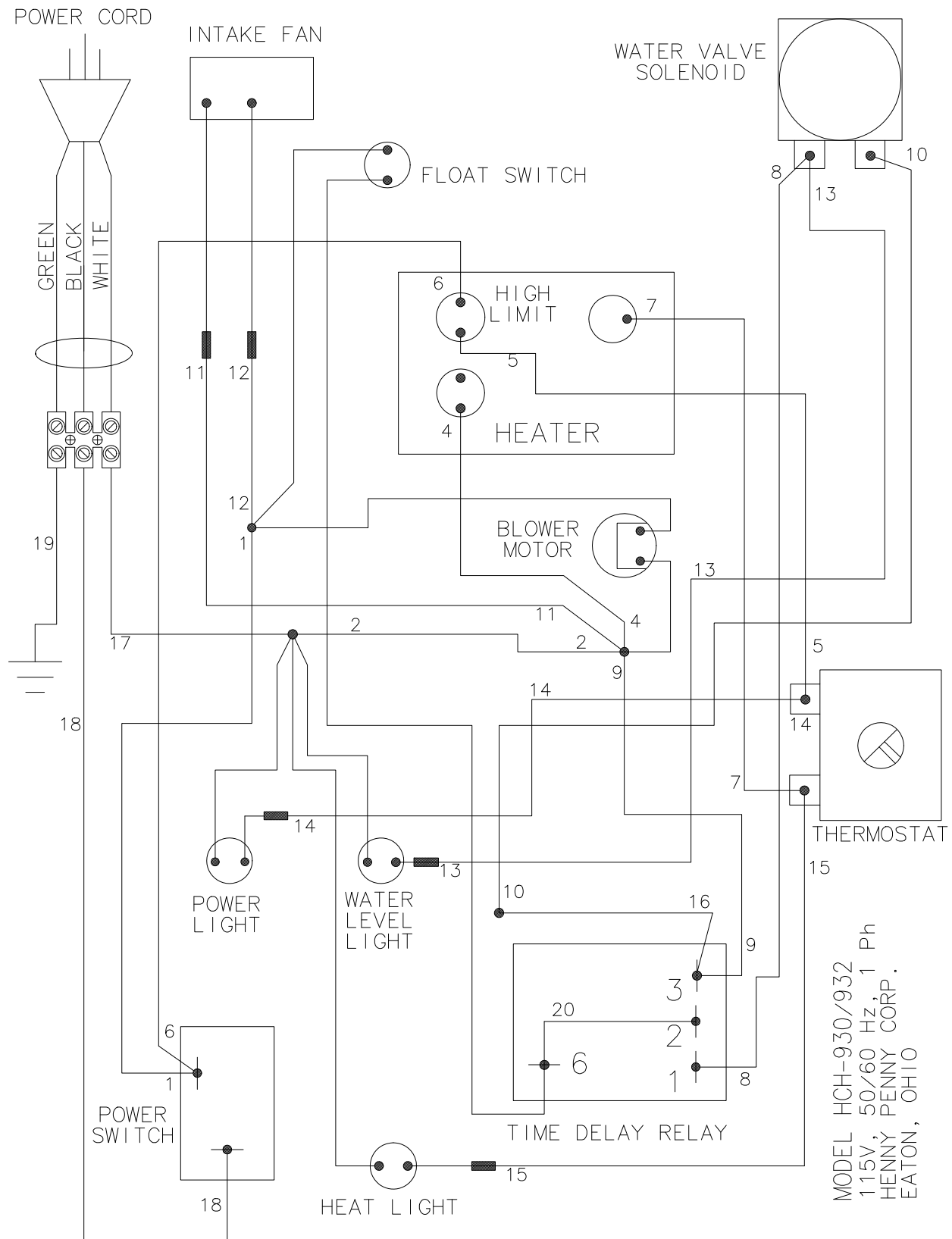
Step 3

3. Remove the 4 screws securing the backing plate and gasket to the drawer front.
4. Separate the drawer frame from the drawer front.
5. Remove the gasket from the drawer.
6. Fit new gasket into place in the drawer front.
7. Reassemble the drawer frame and drawer front in reverse order of disassembly. Center the 2 drawer handle spacers over the screw holes so the handle screws pass through the spacers.

2-19. DRAWER AND LINER
BEARING REPLACEMENT

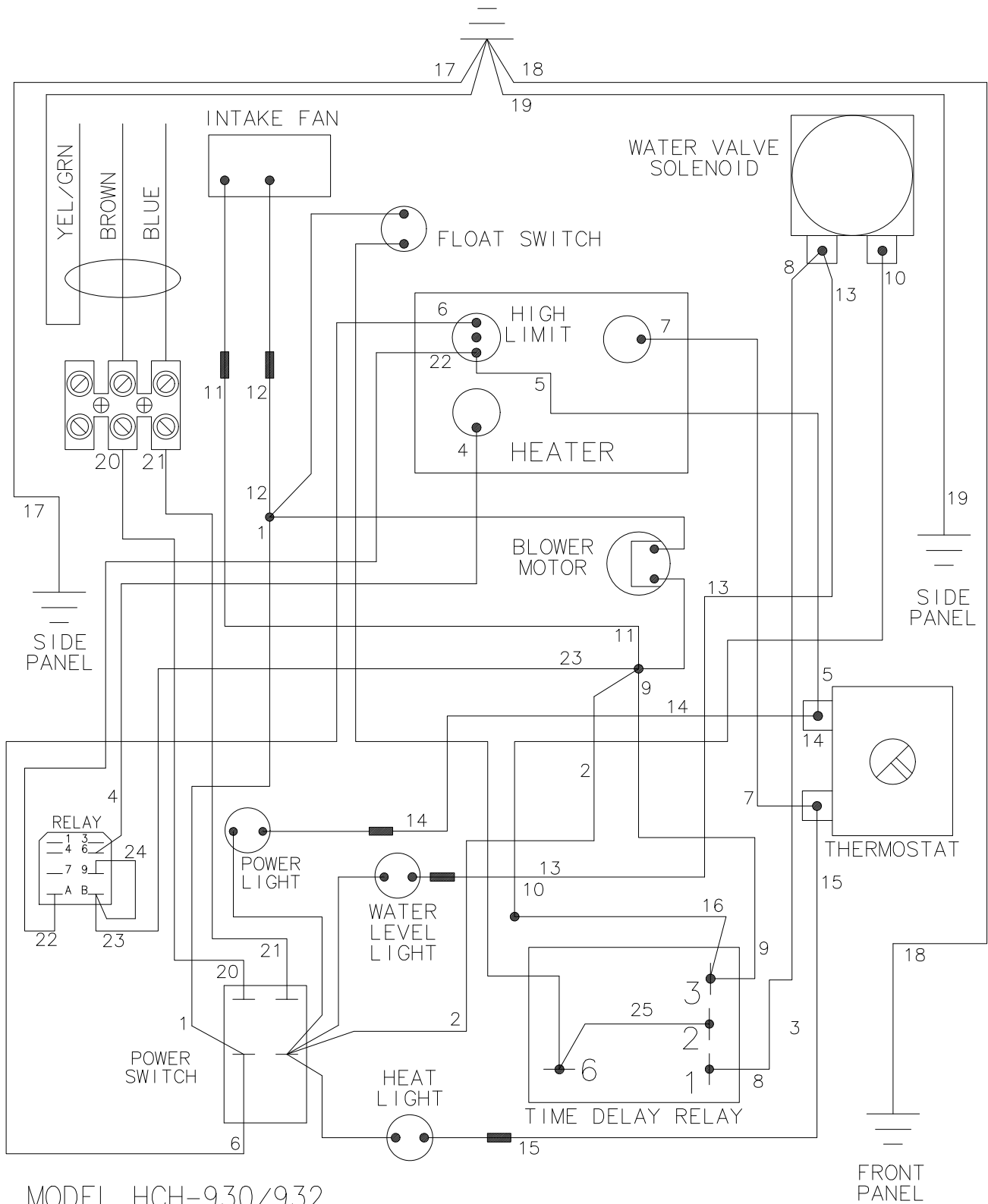
Apply Loctite to screw threads when replacing drawer bearing kit (part no. 14094), or liner bearing kit (part no. 14095). If using existing hardware, clean threads of any old Loctite before applying new Loctite sealant (part no. MS01-158). Perform this procedure after store closing to ensure Loctite has a chance to dry before using the cabinet. Bearings are to stay stationary, and are not to roll with the drawers.

2-20. WIRING DIAGRAMS



25782

2-20. WIRING DIAGRAMS (Continued)

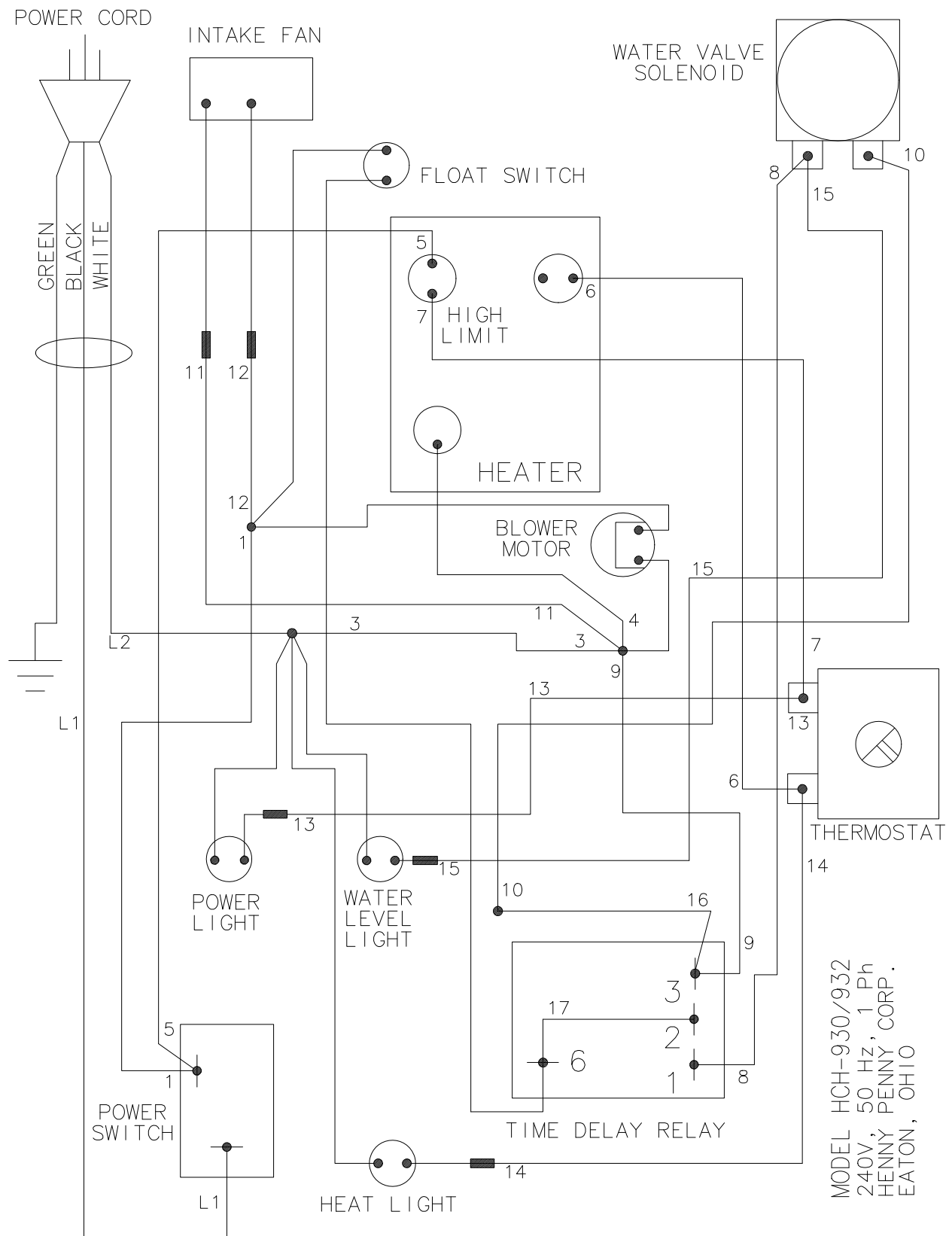


MODEL HCH-930/932

230V 50Hz 1PH
HENNY PENNY CORP.
EATON, OHIO 45320

64092

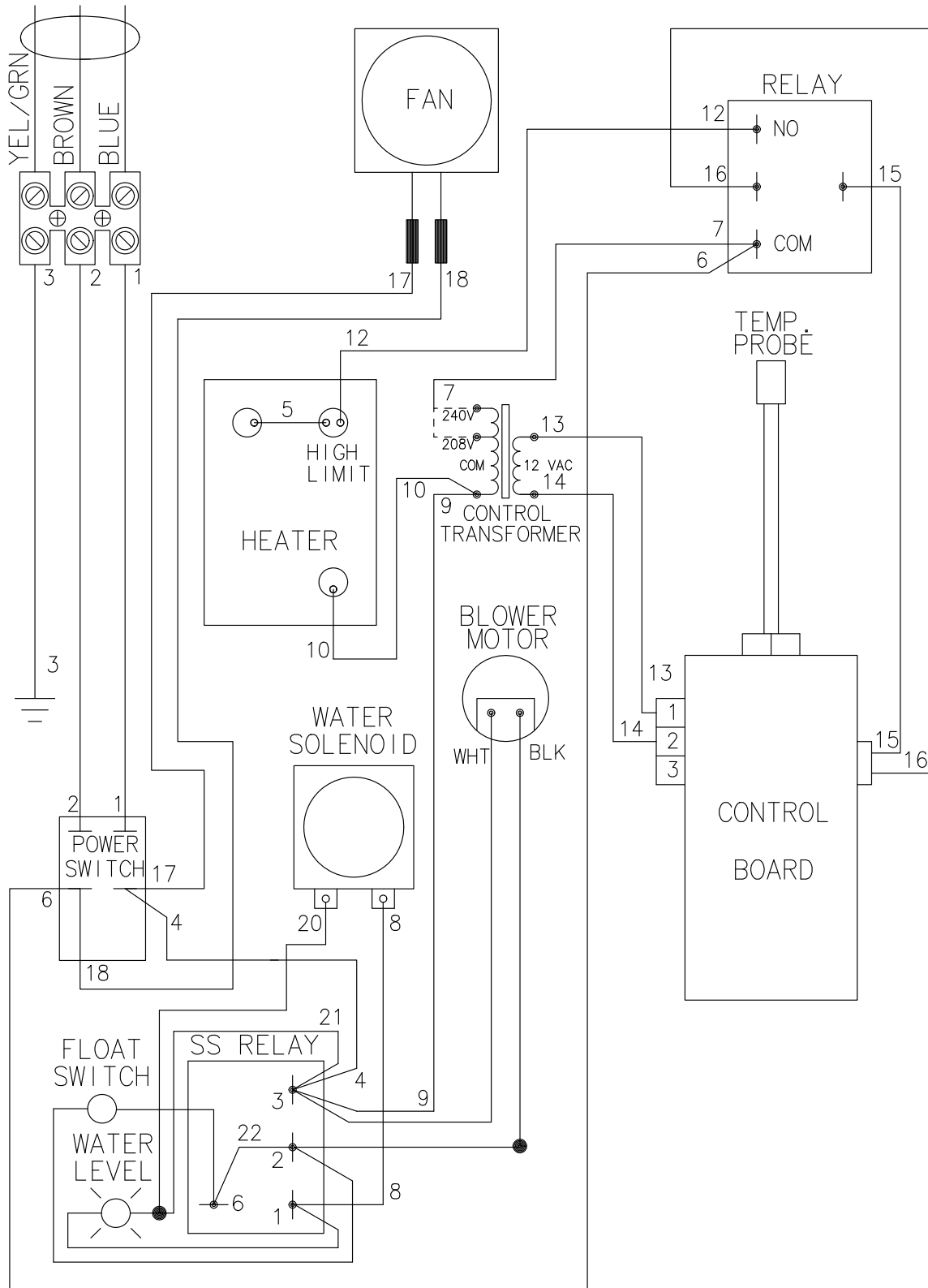
2-20. WIRING DIAGRAMS (Continued)



MODEL HCH-930/932
240V, 50 Hz, 1 Ph
HENNY PENNY CORP.
EATON, OHIO

25839

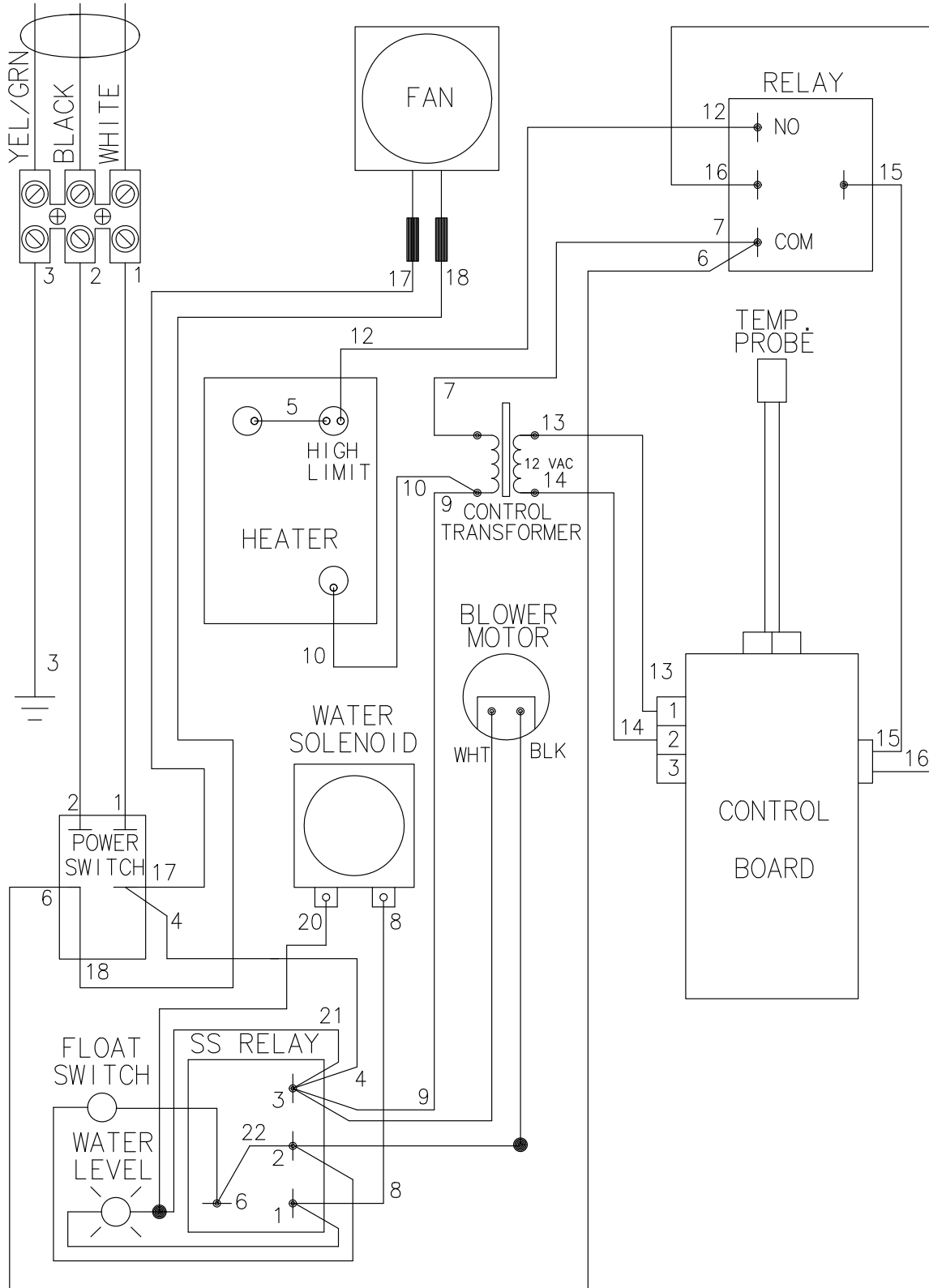
2-20. WIRING DIAGRAMS (Continued)



MODEL HCH-930/932
 240V 50/60HZ 1PH
 HENNY PENNY CORP.
 EATON, OHIO 45320

70701

2-20. WIRING DIAGRAMS (Continued)



MODEL HCH-930/932
120V 50/60HZ 1PH
HENNY PENNY CORP.
EATON, OHIO 45320

71760

LIMITED WARRANTY FOR HENNY PENNY EQUIPMENT

Subject to the following conditions, Henny Penny Corporation makes the following limited warranties to the original purchaser only for Henny Penny appliances and replacement parts:

NEW EQUIPMENT: Any part of a new appliance, except baskets, lamps, and fuses, which proves to be defective in material or workmanship within two (2) years from date of original installation, will be repaired or replaced without charge F.O.B. factory, Eaton, Ohio, or F.O.B. authorized distributor. Baskets will be repaired or replaced for ninety (90) days from date of original installation. Lamps and fuses are not covered under this Limited Warranty. To validate this warranty, the registration card for the appliance must be mailed to Henny Penny within ten (10) days after installation.

FILTER SYSTEM: Failure of any parts within a fryer filter system caused by the use of the non-OEM filters or other unapproved filters is not covered under this Limited Warranty.

REPLACEMENT PARTS: Any appliance replacement part, except lamps and fuses, which proves to be defective in material or workmanship within ninety (90) days from date of original installation will be repaired or replaced without charge F.O.B. factory, Eaton, Ohio, or F.O.B. authorized distributor.

The warranty for new equipment covers the repair or replacement of the defective part and includes labor charges and maximum mileage charges of 200 miles round trip for a period of one (1) year from the date of original installation.

The warranty for replacement parts covers only the repair or replacement of the defective part and does not include any labor charges for the removal and installation of any parts, travel, or other expenses incidental to the repair or replacement of a part.

EXTENDED FRYPOT WARRANTY: Henny Penny will replace any frypot that fails due to manufacturing or workmanship issues for a period of up to seven (7) years from date of manufacture. This warranty shall not cover any frypot that fails due to any misuse or abuse, such as heating of the frypot without shortening.

0 TO 3 YEARS: During this time, any frypot that fails due to manufacturing or workmanship issues will be replaced at no charge for parts, labor, or freight. Henny Penny will either install a new frypot at no cost or provide a new or reconditioned replacement fryer at no cost.

3 TO 7 YEARS: During this time, any frypot that fails due to manufacturing or workmanship issues will be replaced at no charge for the frypot only. Any freight charges and labor costs to install the new frypot as well as the cost of any other parts replaced, such as insulation, thermal sensors, high limits, fittings, and hardware, will be the responsibility of the owner.

Any claim must be presented to either Henny Penny or the distributor from whom the appliance was purchased. No allowance will be granted for repairs made by anyone else without Henny Penny's written consent. If damage occurs during shipping, notify the sender at once so that a claim may be filed.

THE ABOVE LIMITED WARRANTY SETS FORTH THE SOLE REMEDY AGAINST HENNY PENNY FOR ANY BREACH OF WARRANTY OR OTHER TERM. BUYER AGREES THAT NO OTHER REMEDY (INCLUDING CLAIMS FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES) SHALL BE AVAILABLE.

The above limited warranty does not apply (a) to damage resulting from accident, alteration, misuse, or abuse; (b) if the equipment's serial number is removed or defaced; or (c) for lamps and fuses. THE ABOVE LIMITED WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING MERCHANTABILITY AND FITNESS, AND ALL OTHER WARRANTIES ARE EXCLUDED. HENNY PENNY NEITHER ASSUMES NOR AUTHORIZES ANY PERSON TO ASSUME FOR IT ANY OTHER OBLIGATION OR LIABILITY.

Revised 01/01/07

SECTION 3. PARTS INFORMATION

3-1. INTRODUCTION

This section lists the replaceable parts of the Henny Penny HCH-930/932 units.

3-2. GENUINE PARTS

Use only genuine Henny Penny parts in your cabinet. Using a part of lesser quality or substitute design may result in damage to the unit, or personal injury.

3-3. WHEN ORDERING PARTS

Once the parts that you want to order have been found in the parts list, write down the following information:

Example:	Item Number	<u>19</u>
	Part Number	<u>16684</u>
	Description	<u>Fan - 120 V</u>

From data plate, list the following information:

Example:	Product Number	<u>HCH930.0</u>
	Serial Number	<u>AW001IE</u>
	Voltage	<u>120 Volt</u>

3-4. PRICES

Your distributor has a price list and will be glad to inform you of the cost of your parts order.

3-5. DELIVERY

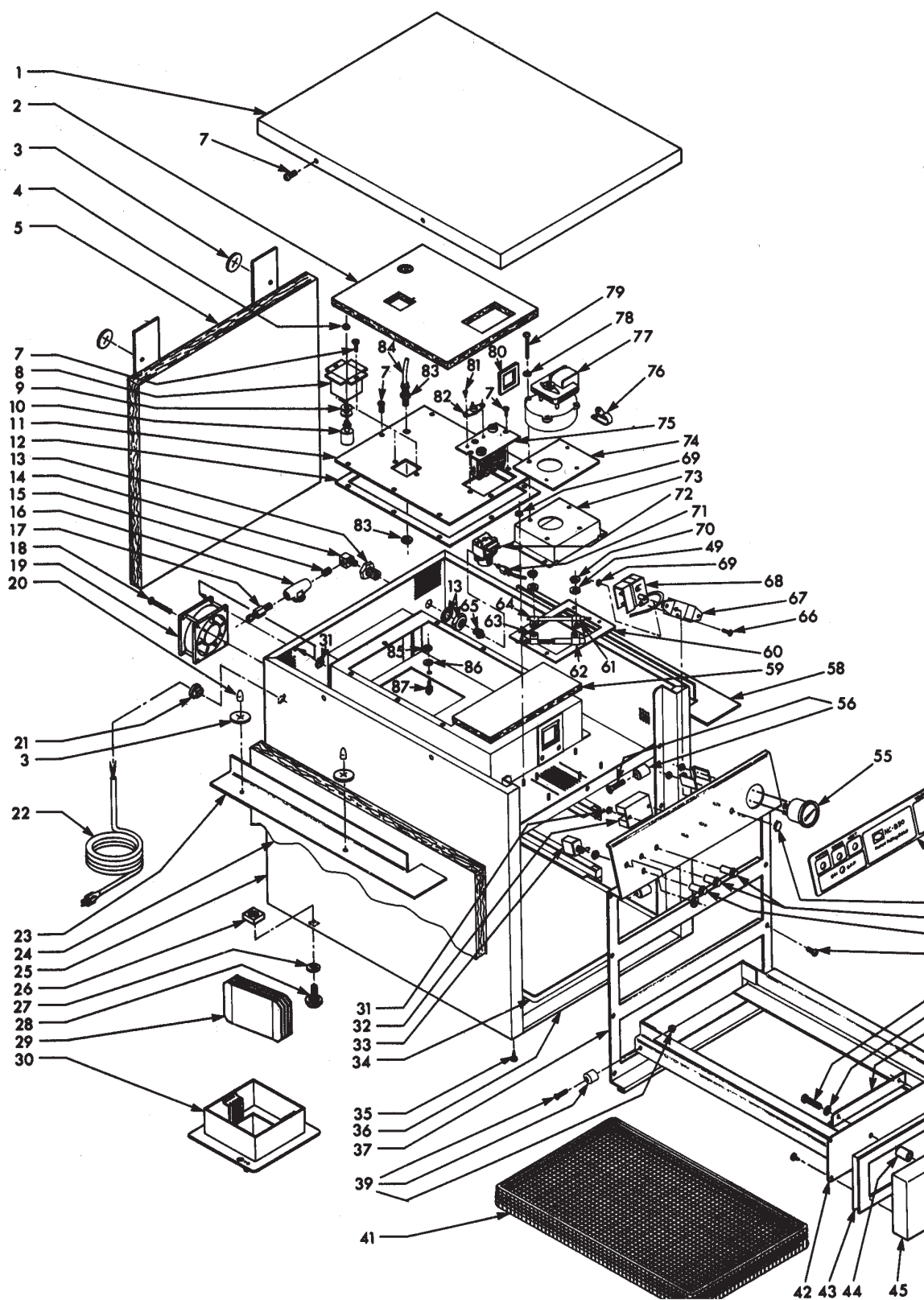
Commonly replaced items are stocked by your local distributor and will be sent out when your order is received. Other parts will be ordered, by your distributor, from Henny Penny Corporation.

3-6. WARRANTY

All replacement parts (except lamps and fuses) are warranted for 90 days against manufacturing defects and workmanship. If damage occurs during shipping, notify the carrier at once so that a claim may be properly filed. Refer to warranty in the front of the manual for other rights and limitations.

3-7. RECOMMENDED SPARE PARTS FOR DISTRIBUTORS

Recommended replacement parts, stocked by your distributor, are indicated with ✓ in the parts lists. Please use care when ordering recommended parts, because all voltages and variations are marked. Distributors should order parts based upon common voltages and equipment sold in their territory.



PARTS LIST
MODEL HC-930 - HC-932

<u>Item No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Quantity</u>	<u>Item No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Quantity</u>
1	25498	Top - Cabinet	1	✓ 51	16624	Signal Light	1
2	25567	Insulation - Access Cover	1	✓	54085	Signal Light - CE	1
3	WA02- 001	Washer Insulation (1 1/2" dia.)	8	✓ 52	54085	Signal Light - CE	2
4	NS01-010	Nut - Hex (1/8" straight pipe)	1	✓	16624	Signal Light	2
5	25565	Insulation - Back	1	53	PL01-001	Button - Plug (1/2")	1
6	25554	Retainer - Insulation Rear	2	54	25862	Decal - Control Panel	1
7	SC01-053	Screw (#8-32 x 1/2" PH Round Head)	AR	✓ 55	25183	Thermometer	1
8	25497	Well - Float Switch	1	✓ 56	14095	Liner Bearing & Hardware	6
9	25299	Spacer - Float Switch	2	58	25556	Retainer - Insulation - Right	1
✓ 10	28856	Float Switch	1	59	25569	Insulation (9" x 3.75")	1
11	25843	Access Cover Assembly	1	60	25127	Gasket Blower Box Bottom	1
12	25445	Gasket - Heater Box	1	61	EF02-031	Clamp (1/4" ID x 3/8")	1
13	FP01-013	Bulkhead Adaptor	1	62	EF02-033	Clamp (7/16" ID x 3/8")	1
14	FP05-007	Elbow (1/4" NPT x 1/4" NPT)	1	63	EF02-032	Clamp (5/16" 10 x 3/8")	1
15	FP02-009	Nipple - Close (1/4" NPT x 7/8")	1	64	EF02 030	Clamp (1/8" ID x 3/8")	1
✓ 16	25208	Strainer Water	1	65	FP01-012	Nipple - Reducing	1
17	FP05-006	Fitting (1/4" Tube to 1/4" NPT)	1	66	SC01-023	Screw (#6-32 x 1/4" PH Rd Hd)	2
18	SC01-037	Screw (#6-32 x 2" PH Pan Head)	AR	67	25903	Bracket Thermostat Mounting	1
✓ 19	16684	Fan - 120V	1	✓ 68	14209	Thermostat Kit	1
✓	16688	Fan - 240V	1	69	NS02-006	Nut - Hex (#10-24 Keps)	AR
20	MS01-133	Cover - Stud	4	70	NS01-007	Nut - Hex (#10-24)	2
21	EF02-017	Relief - Strain	1	71	FP05-003	Fitting (1/4" Tube to 1/8" Pipe)	1
22	25203	Power Cord Assembly	1	✓ 72	14965	Valve - Solenoid -120 V	1
	44215	Power Cord Assembly - 240V	1	✓	14966	Valve - Solenoid - 240 V	1
	42137	Power Cord Assembly - CE	1	73	25598	Fan Box Assembly	1
23	25555	Retainer - Insulation	1	74	25141	Gasket - Blower Box Top	1
24	25566	Insulation - Wrap/Around	1	✓ 75	25441	Heater - 120V	1
25	53960	Encl.-Cab.-930-SN:EA0505003 & below	1	✓	25571	Heater - 240V	1
25	69927	Encl.-Cab.-930-SN:EA0505004 & above	1	✓	27661	Heater - 120V "Enclosed"	1
25	69953	Enclosure - Cabinet-930 - CE	1	76	EF02-037	Clamp (1" ID x 1/2")	1
25	53978	Encl.-Cab.-932-SN:EA0505003 & below	1	✓ 77	25221	Blower - 120V	1
25	69952	Encl.-Cab.-932-SN:EA0505004 & above	1	✓	25407	Blower - 240V 50 HZ	1
25	69951	Enclosure - Cabinet-932 - CE	1	78	LW02-006	Lockwasher (#8 Internal)	4
26	NS03-013	Nut Cage (3/8" - 16)	4	79	SC01-033	Screw (#8-32 x 2" PH Rd Hd)	4
27	15022	Spacer - Leveler Foot	4	80	25126	Gasket - Blower	1
28	26411	Foot	4	81	SC02-014	Screw (#8-AB x 3/8" PH Truss Hd)	2
29	25246	Baffle Water Pan	4	✓ 82	18201	High Limit	1
30	25526	Water Pan Assembly	1	83	FP05-002	Union Bulkhead (1/4	1
31	NS02-005	Nut - Hex (#6-32 Keps)	AR	84	25595	Tubing (1/4")	1
✓ 32	25994	Timer - Delay	1	85	NS01-018	Nut - Hex (1/4"-28)	2
✓ 33	22195	Switch - Toggle	1	86	LW01-002	Lockwasher (1/4" Split Ring)	2
34	25487	Tray - Drip	1	87	25593	Stud - Threaded	2
35	SC02-016	Screw (#8-AB x 1/2" PH Pan Head)	AR	**	25790	Gasket - Face Plate	1
36	25494	Base - Cabinet	1	**	22232	Legs	4
37	25495	Faceplate Assembly	1	**	31379	Tray Drip (05324 only)	1
	64090	Faceplate Assembly - CE - 930	1				
	64097	Faceplate Assembly - CE - 932	1				
✓ 39	14094	Drawer Bearing & Hardware	1				
41	27193	Basket - Wire - Small	3				
**	05015	Pan 12 x 20 x 2.5 (alternate)	3				
**	05021	Rack - Wire Grid 10 x 18 (use w/05015)	3				
**	31431	Tray Baffle for 05015 Pan	3				
**	05033	1/2 SS Pan 12 x 10.5 x 2.5 (alternate)	3				
**	05046	1/2 wire grid (use w/05033)	3				
42	25821	Drawer Weld Assembly	3				
✓ 43	25778	Gasket - Drawer	3				
44	25773	Spacer Drawer Handle (use only w/ 25412)	6				
45	25772	Drawer Front Assembly	3				
46	25412	Handle Drawer	3				
47	SC02-016	Screw (#8-AB x 1/2" PH Pan Hd)	AR				
48	25546	Support - Basket	3				
49	LW02-005	Lockwasher (#10 Internal)	AR				
50	SC01 -094	Screw (#19-24 x 1-1/2-for 25412)	AR				
	SC01-074	Screw (#10-32 x 1-1/2-for 31396)	AR				

✓ recommended parts/**Not Shown

MODEL 05324 (CFA)

31981	Face Plate Stud Assy.	1
32404	Water Pan Assy.	1
31965	Drawer Bearing	6
31970	Drawer Frame Assy.	1
31971	Drawer Assy.	1
31972	Nylatch Grommet	6
31973	Nylatch Plunger	6
31985	Left Drawer Rail Assy.	3
31986	Right Drawer Rail Assy.	3
32398	Swivel-Water Pan Latch	1
32401	Latch-Water Pan Retaining	1
31529	Baffle	4

