



**Henny Penny**  
**Heated Holding Cabinet**  
**Model HCD-930**  
**Model HCD-932**  
**Model HCD-930 CDT**  
**Model HCD-932 CDT**

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# TECHNICAL MANUAL

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## SECTION 1. TROUBLESHOOTING

### 1-1. INTRODUCTION

This section provides an easy to read, troubleshooting 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.*



**WARNING** indicates a potentially hazardous situation which, if not avoided, could result in death or serious 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 the problem is solved.



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

<b>PROBLEM</b>	<b>CAUSE</b>	<b>CORRECTION</b>
<b>OPERATION</b> A. Product not holding temperature	<ul style="list-style-type: none"> <li>• Drawers are left open</li> <li>• Product held too long</li> <li>• Temperature control set too low (CDTs units only)</li> <li>• Heater not working</li> <li>• Blower not working</li> </ul>	<ul style="list-style-type: none"> <li>• Keep drawers closed except to load and serve product</li> <li>• Hold product only for the recommended times</li> <li>• Increase temperature setting (see Programming Section of Operator's Manual)</li> <li>• Increase thermostat setting by removing hole plug on control panel and turning the shaft clockwise with a screwdriver</li> <li>• Check heater and replace if needed</li> <li>• Check blower and replace if needed</li> </ul>

**1-3. TROUBLESHOOTING**
**(Continued)**

<b>PROBLEM</b>	<b>CAUSE</b>	<b>CORRECTION</b>
B. Cabinet will not heat	<ul style="list-style-type: none"> <li>• Faulty heater</li> <li>• Faulty wiring</li> <li>• Faulty solid-state relay (CDT units only)</li> <li>• Faulty control board (CDT units only)</li> <li>• Faulty thermostat</li> </ul>	<ul style="list-style-type: none"> <li>• Check heater and replace if needed</li> <li>• Check wiring for loose connections or broken wires and repair as necessary</li> <li>• Replace solid-state relay</li> <li>• Replace control board</li> <li>• Check thermostat and replace if needed</li> </ul>
C. Unit will not heat to desired temperature	<ul style="list-style-type: none"> <li>• Faulty blower</li> <li>• Faulty thermostat</li> </ul>	<ul style="list-style-type: none"> <li>• Check blower and replace if necessary</li> <li>• Check thermostat and replace if needed</li> </ul>
D. Unit overheats (error "HI" on CDT units)	<ul style="list-style-type: none"> <li>• Faulty blower</li> <li>• Faulty control board (CDT units only)</li> <li>• Faulty thermostat</li> </ul>	<ul style="list-style-type: none"> <li>• Check blower and replace if necessary</li> <li>• Replace control board.</li> <li>• Check thermostat and replace if needed</li> </ul>

### **1-3. TROUBLESHOOTING**

#### **(Continued)**

<b>PROBLEM</b>	<b>CAUSE</b>	<b>CORRECTION</b>
<b>POWER SECTION</b>		
A. With switch in ON position, the cabinet is completely inoperative	<ul style="list-style-type: none"> <li>• Unit not connected to electrical supply</li> <li>• Open breaker or fuse</li> <li>• Faulty cord or plug</li> <li>• Faulty switch</li> </ul>	<ul style="list-style-type: none"> <li>• Plug cord into electrical outlet</li> <li>• Reset breaker or install new fuse in junction box</li> <li>• Check cord and plug</li> <li>• Check switch and replace if necessary</li> </ul>
B. Error message "E-06" (CDT units only)	<ul style="list-style-type: none"> <li>• Faulty temperature probe</li> </ul>	<ul style="list-style-type: none"> <li>• Replace temperature probe</li> </ul>
C. With switch in ON position, the blower and fan operate, but the power light is off and the unit won't heat	<ul style="list-style-type: none"> <li>• Open high limit (only units equipped with a high limit)</li> </ul>	<ul style="list-style-type: none"> <li>• With unit cool, check high limit per High Limit Replacement Section</li> <li>• If the high limit has opened due to overheating, refer back to part C of Operation Section of Troubleshooting</li> </ul>



## SECTION 2. MAINTENANCE

### 2-1. INTRODUCTION

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

### 2-2. TEST INSTRUMENTS

You may want to use two test instruments to check electrical components:

1. A continuity light
2. An ohmmeter

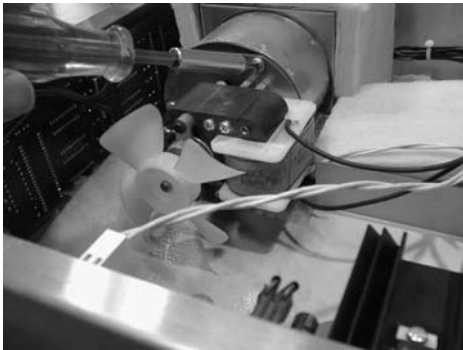
When the manual refers to the circuit being closed, the continuity light will be illuminated or the ohmmeter should read zero unless otherwise noted.

When the manual refers to the circuit being open, the continuity light will not illuminate or the ohmmeter reads 1 (one) or infinite resistance.

### NOTICE

A continuity tester cannot be used to check coils.

### 2-3. BLOWER REPLACEMENT



Step 4



Step 4

1. Disconnect the electrical supply to the cabinet.

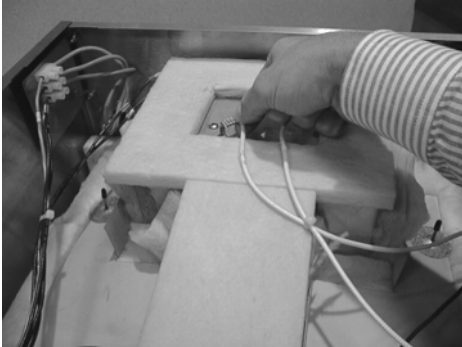


**To avoid electrical shock or property damage, move the power switch to OFF and disconnect main circuit breaker, or unplug cord at wall receptacle.**

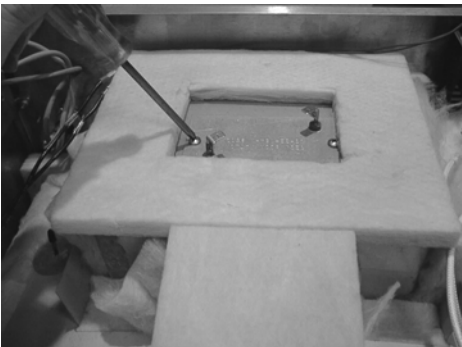
2. Remove the cabinet top cover.
3. Remove the 2 blower wires from L1 and L2 wire nuts.
4. Remove the 3 screws securing the blower to the blower box, and remove the blower assembly from the blower box.
5. Pull the fan blade from the blower motor shaft.
6. Remove the fan wheel and plate from blower motor.

### **2-3. BLOWER REPLACEMENT** **(Continued)**

### **2-4. HEATER REPLACEMENT**



**Step 4**



**Step 5**

### **2-5. POWER SWITCH** **REPLACEMENT** **(CDT Models Only)**

7. Install a new blower in reverse order.
8. Reconnect the 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 the cabinet top cover.
3. Remove the two screws securing the high limit to the heater. (CE units only)
4. Remove the 2 wires attached to the heater terminals.
5. Remove the 2 screws holding the heater to the cabinet.
6. Remove the heater.
7. Install a new heater in reverse order.
8. Replace the cabinet top cover.
9. Reconnect the electrical supply to the cabinet.

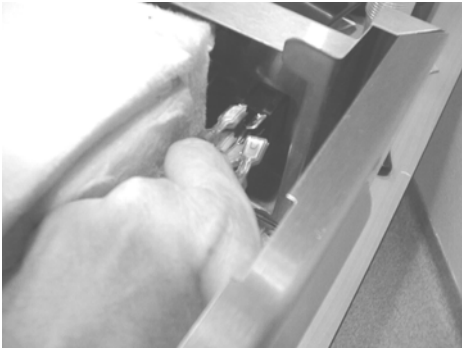
1. Disconnect the electrical supply to the cabinet.



**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 the cabinet top cover.

## **2-5. POWER SWITCH REPLACEMENT (CDT Models Only) (Continued)**



**Step 3**

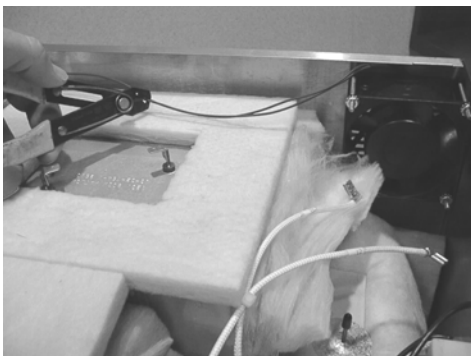


**Step 4**

3. Remove the wires from the power switch. Check across the terminals - top and bottom terminals on the left side of the switch, and top and bottom terminals of the right side. In the ON position the switch should show continuity. If switch is defective, replace it and proceed with procedures.

4. Squeeze in on the clips which hold the switch in place and pull it out from the front.
5. Replace with new switch in reverse order.
6. Reconnect power to unit.

## **2-6. FAN REPLACEMENT**



**Step 3**



**Step 4**

1. Disconnect the electrical supply to the cabinet.



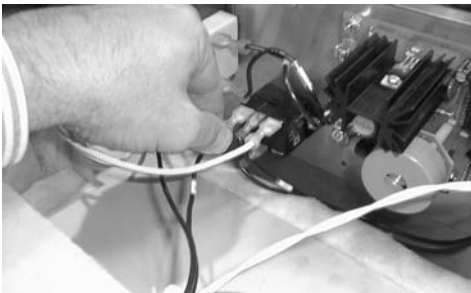
**To avoid electrical shock or property damage, move the power switch to OFF and disconnect main circuit breaker, or unplug cord at wall receptacle.**

2. Remove the cabinet top cover.
3. Cut the fan wires 15 cm (6") from the fan.
4. Remove the nuts from the 4 screws holding the fan to the bracket.
5. Remove the fan.
6. Install a new fan in reverse order.

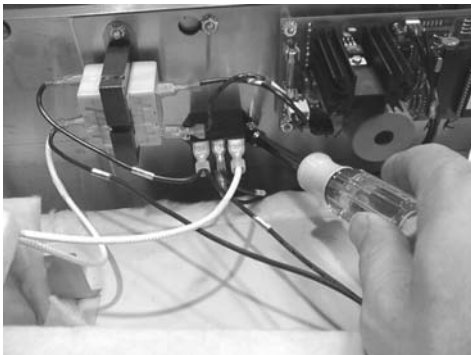
## **2-6. FAN REPLACEMENT** **(Continued)**

7. Strip the ends of the cut wires and connect them to the wires of the new fan with wire nuts.
8. Replace the cabinet top cover.
9. Reconnect the electrical supply to the unit.

## **2-7. RELAY REPLACEMENT** **(CDT Models Only)**



**Step 2**



**Step 3**



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

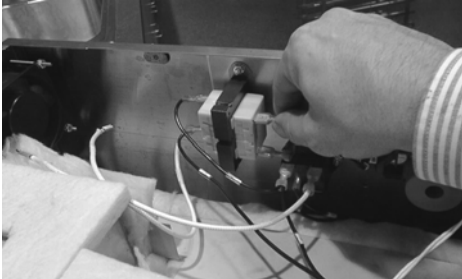
2. Disconnect wires from the relay.



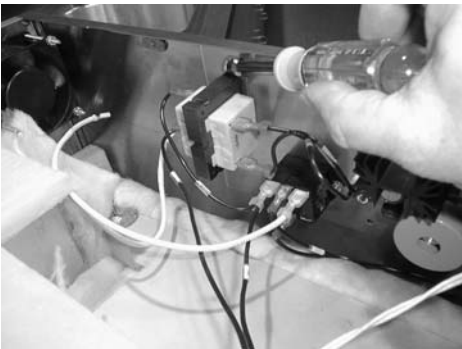
*Mark wires before removing. If wires are not placed back exactly as on the old relay, damage to components could result.*

3. Remove the 2 nuts that hold the relay to the bracket and remove relay.
4. Install new relay in reverse order.

## **2-8. TRANSFORMER REPLACEMENT (CDT Models Only)**



**Step 2**



**Step 3**

## **2-9. TEMPERATURE PROBE REPLACEMENT (CDT Models Only)**

1. Disconnect the electrical supply to the cabinet, and remove the cabinet top cover.



**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 wires from the transformer.



*Mark wires before removing. If wires are not placed back exactly as on the old transformer, damage to components could result.*

3. Remove the 2 nuts securing the transformer to the bracket and remove transformer.
4. Install new transformer in reverse order.

1. Disconnect the electrical supply to the cabinet, and remove the cabinet top cover.

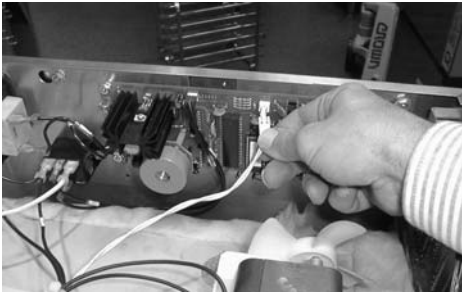


**To avoid electrical shock or property damage, move the power switch to OFF and disconnect main circuit breaker, or unplug cord at wall receptacle.**

2. Remove the top drawer from unit.
3. Remove the panel by loosening the 4 screws securing the access panel, and sliding the panel to the right.
4. Loosen the 2 nuts securing the probe to the access panel and slide probe from bracket.



## **2-9. TEMPERATURE PROBE REPLACEMENT** **(CDT Models Only)** **(Continued)**



**Step 5**

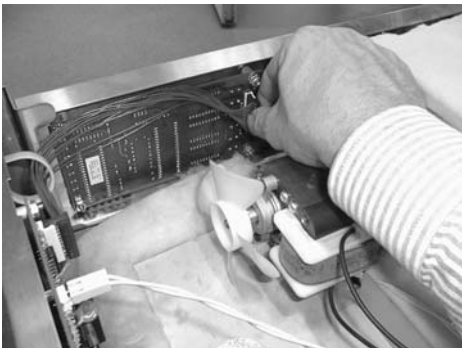
5. Unplug probe from PC board.
6. Pull the probe up through the rubber grommet.

### **NOTICE**

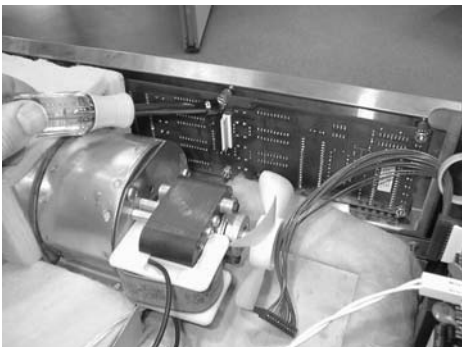
The blower motor may need to be loosened to allow access for the probe through the rubber grommet.

7. Install probe in reverse order

## **2-10. DIGITAL DISPLAY REPLACEMENT** **(CDT Models Only)**



**Step 2**



**Step 3**

1. Disconnect the electrical supply to the cabinet, and remove the cabinet top cover.



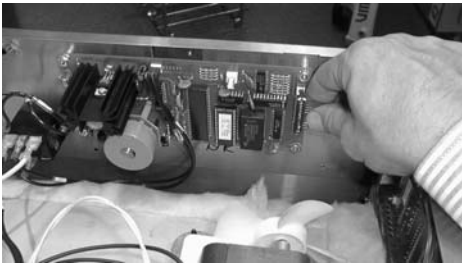
**To avoid electrical shock or property damage, move the power switch to OFF and disconnect main circuit breaker, or unplug cord at wall receptacle.**

2. Unplug the connectors from the digital display board.
3. Remove the 6 nuts securing the digital display board to the control panel and remove display board from unit.
4. Install new digital display board in reverse order.

### **CAUTION**

*Do not over tighten the nuts securing the digital display board to the control panel. This may cause the decal to interfere with the buttons.*

## **2-11. CONTROL BOARD REPLACEMENT (CDT Models Only)**

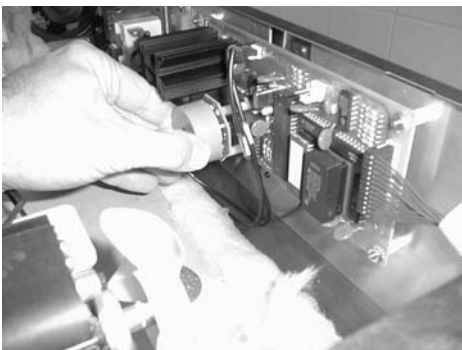


**Step 2**



**Step 3**

## **2-12. REPLACEABLE BEEPER (CDT Models Only)**



**Step 2**

1. Disconnect the electrical supply to the cabinet, and remove top cover.



**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. Unplug the connectors from the control board.
3. Remove the 4 nuts securing the control board to the bracket and remove control board.
4. Install new control board in reverse order.

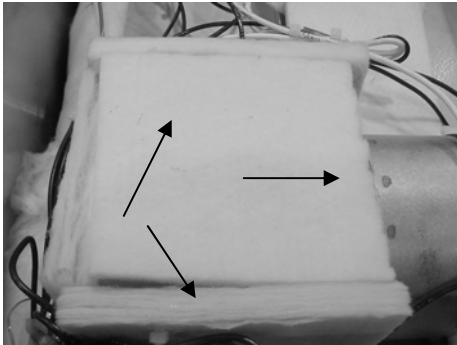
1. Disconnect the electrical supply to the cabinet, and remove the cabinet top cover.



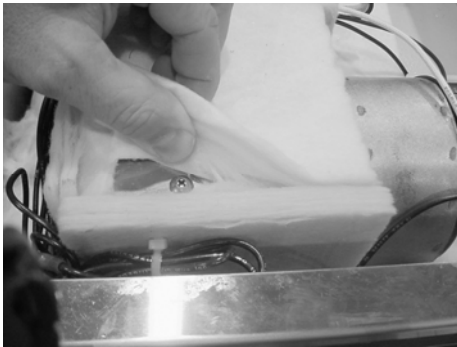
**To avoid electrical shock or property damage, move the power switch to OFF and disconnect main circuit breaker, or unplug cord at wall receptacle.**

2. Carefully pull the blue beeper off of the control board.
3. Line up the 3 prongs, and firmly press the new beeper in place.

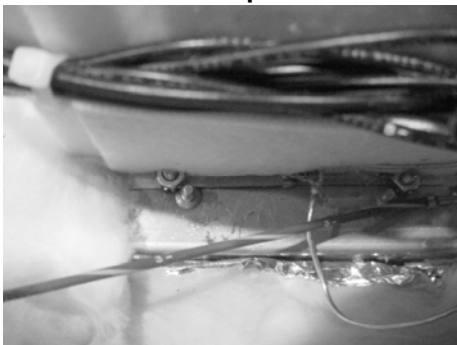
## **2-13. THERMOSTAT REPLACEMENT**



**Step 3**



**Step 3**



**Step 4**



**Step 7**

1. Disconnect the electrical supply to the cabinet, and remove the cabinet top cover.



**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 wires from the thermostat. Check across the two terminals of the thermostat for continuity. With the thermostat set at the maximum setting (all the way clockwise), the circuit should be closed. With the thermostat in the OFF position (all the way counterclockwise), the circuit should be open. If the thermostat is defective, replace it by the following steps.
3. Lift the insulation on the blower box top, to remove the 3 screws securing the blower box top.
4. Remove the 2 nuts securing the bottom of the blower box top, and pull the top from the blower box, exposing the thermostat and thermometer bulbs.
5. Remove the two nuts securing the thermostat bulb clamps and remove the thermostat bulb from the clamps.
6. Remove the two nuts securing the thermostat bracket to the control panel.
7. Remove the two screws securing the thermostat to the bracket and remove the thermostat from the unit.
8. Install a new thermostat in reverse order.

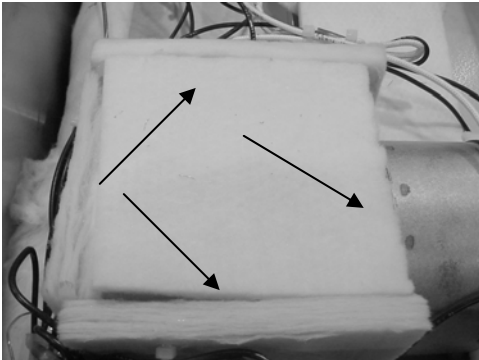
## **CAUTION**

*Be careful not to sharply bend, or flatten the thermometer and thermostat capillary tubes. To do so, could cause improper operation of the cabinet.*

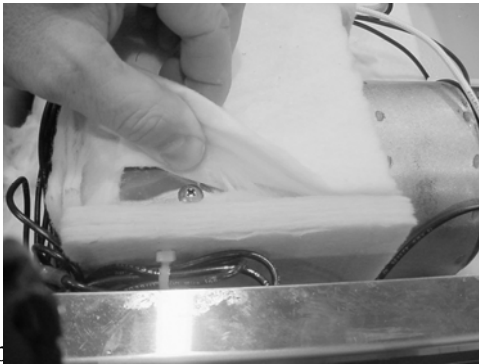
9. Replace the cabinet top and restore electrical supply to the cabinet.



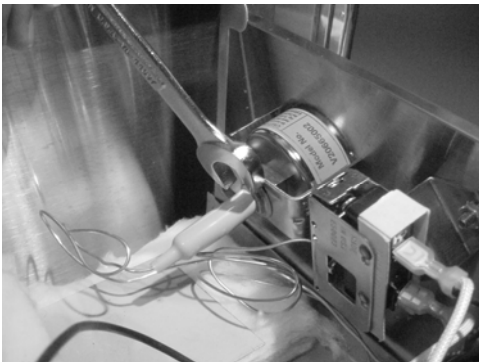
## **2-14. THERMOMETER REPLACEMENT**



**Step 2**



**Step 2**



**Step 5**

1. Disconnect the electrical supply to the cabinet, and remove the cabinet top-cover.



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

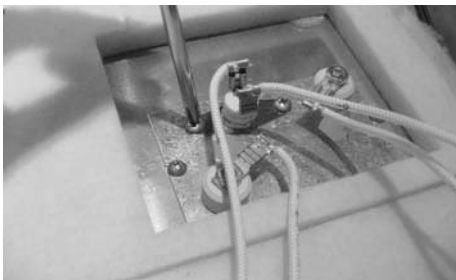
2. Lift the insulation on the blower box top, to remove the 3 screws securing the blower box top.
3. Remove the 2 nuts securing the bottom of the blower box top, and pull the top from the blower box, exposing the thermostat and thermometer bulbs.
4. Remove the two nuts securing the thermometer bulb clamps and remove the thermometer bulb from the clamps.
5. Remove the nut securing the mounting brackets on the back of the thermometer.
6. Remove the thermometer through the front of control
7. Install new thermometer in reverse order.

## **CAUTION**

*Be careful not to sharply bend, or flatten the thermometer and thermostat capillary tubes. To do so, could cause improper operation of the cabinet.*

8. Replace the cabinet top and restore electrical supply to the cabinet.

## **2-15. HIGH LIMIT REPLACEMENT**



**Step 4**

## **2-16. INDICATOR LIGHTS REPLACEMENT**



**Step 2**



**Step 3**

1. Disconnect the electrical supply to the cabinet, and remove the cabinet top-cover.



**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 wires attached to the high limit.
3. Check across the two terminals of the high limit for continuity. If the temperature of the cabinet is less than 210° F (99° C), and the blower is operating properly, the high limit should be closed. If the high limit is defective, replace it by the following steps.
4. Remove the two screws securing the high limit to the heater, and remove the high limit from the unit.
5. Install a new high limit in reverse order.

1. Disconnect the electrical supply to the cabinet, and remove the cabinet top-cover.



**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. Cut the light wires just behind the body of the light.
3. Remove the light by squeezing the retainers on the body and pushing the light out through the control panel.
4. Install a new light by pushing it through the front of the control panel until it snaps securely into place.
5. Strip the ends of the cut wires and connect them to the new light with wire nuts.
6. Replace cabinet top and restore electrical supply to cabinet.

## **2-17. POWER SWITCH** **(Toggle)**



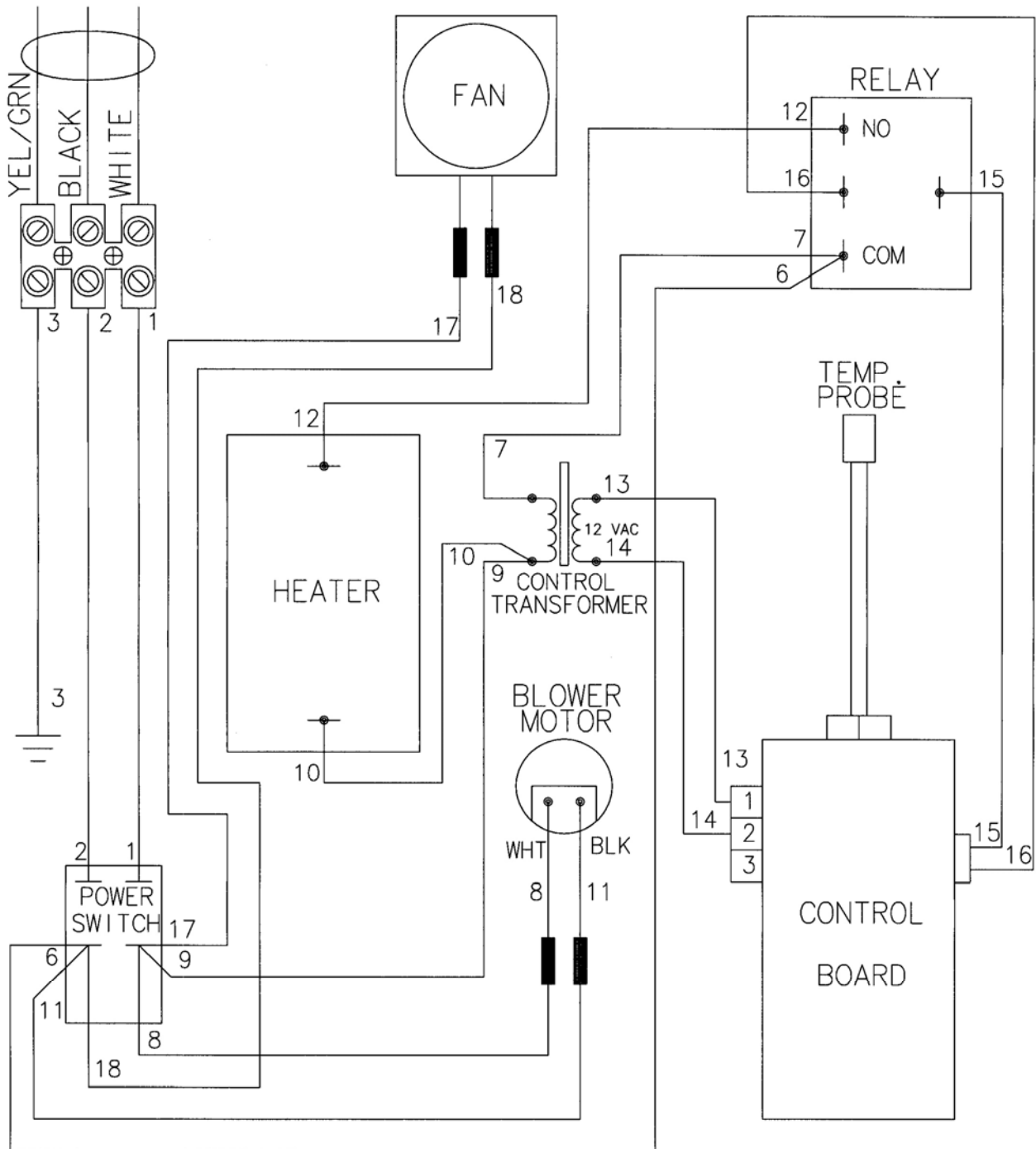
**Step 3**



**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 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.

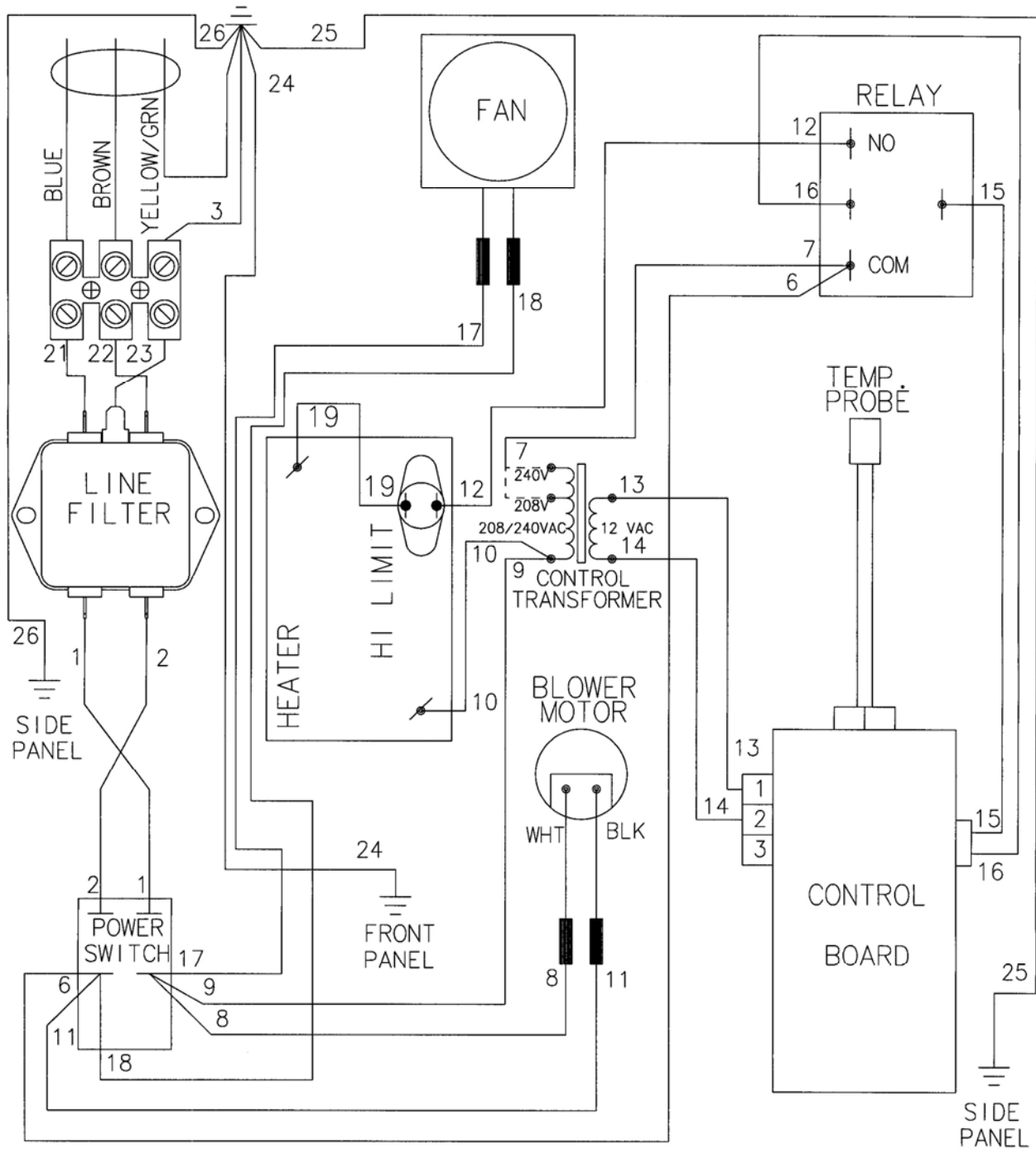
**2-18. WIRING DIAGRAMS**



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

64091

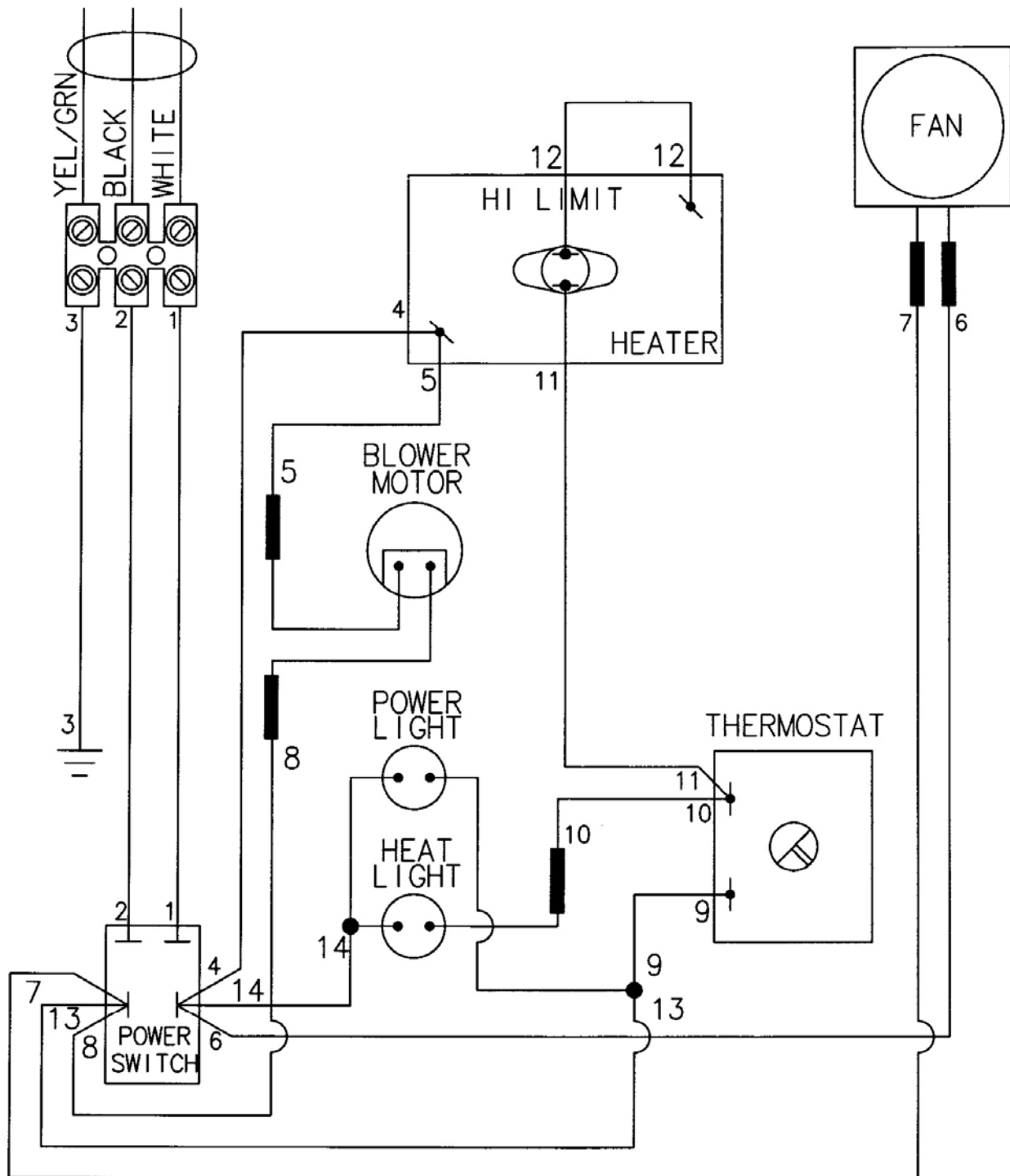
**2-18. WIRING DIAGRAMS**  
**(Continued)**



MODEL HCD-930/932/934 CDT  
230V 3.3A 50Hz 1PH  
HENNY PENNY CORP.  
EATON, OHIO 45320

48804

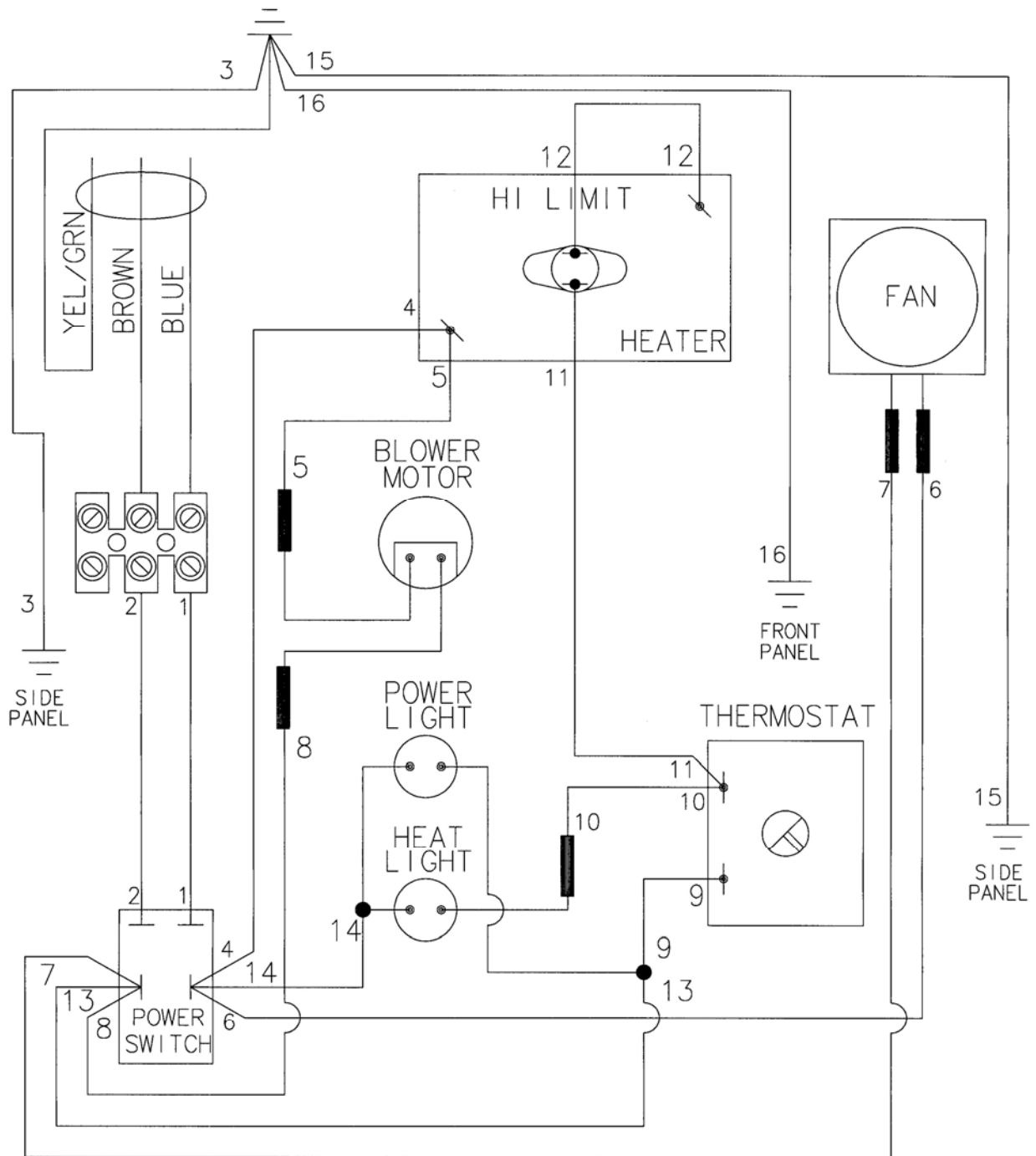
**2-18. WIRING DIAGRAMS**  
**(Continued)**



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

48636

**2-18. WIRING DIAGRAMS**  
**(Continued)**



MODEL HCD-930/932

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

63838



## **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 HCD-930/932 CDT and HCD-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:

(Sample)  
Item Number      4  
Part Number      16684  
Description      Cooling Fan - 120 V

From data plate, list the following information:

(Sample)  
Product Number      HCD930.0  
Serial Number      AW001IE  
Voltage      120 Volt

### **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**

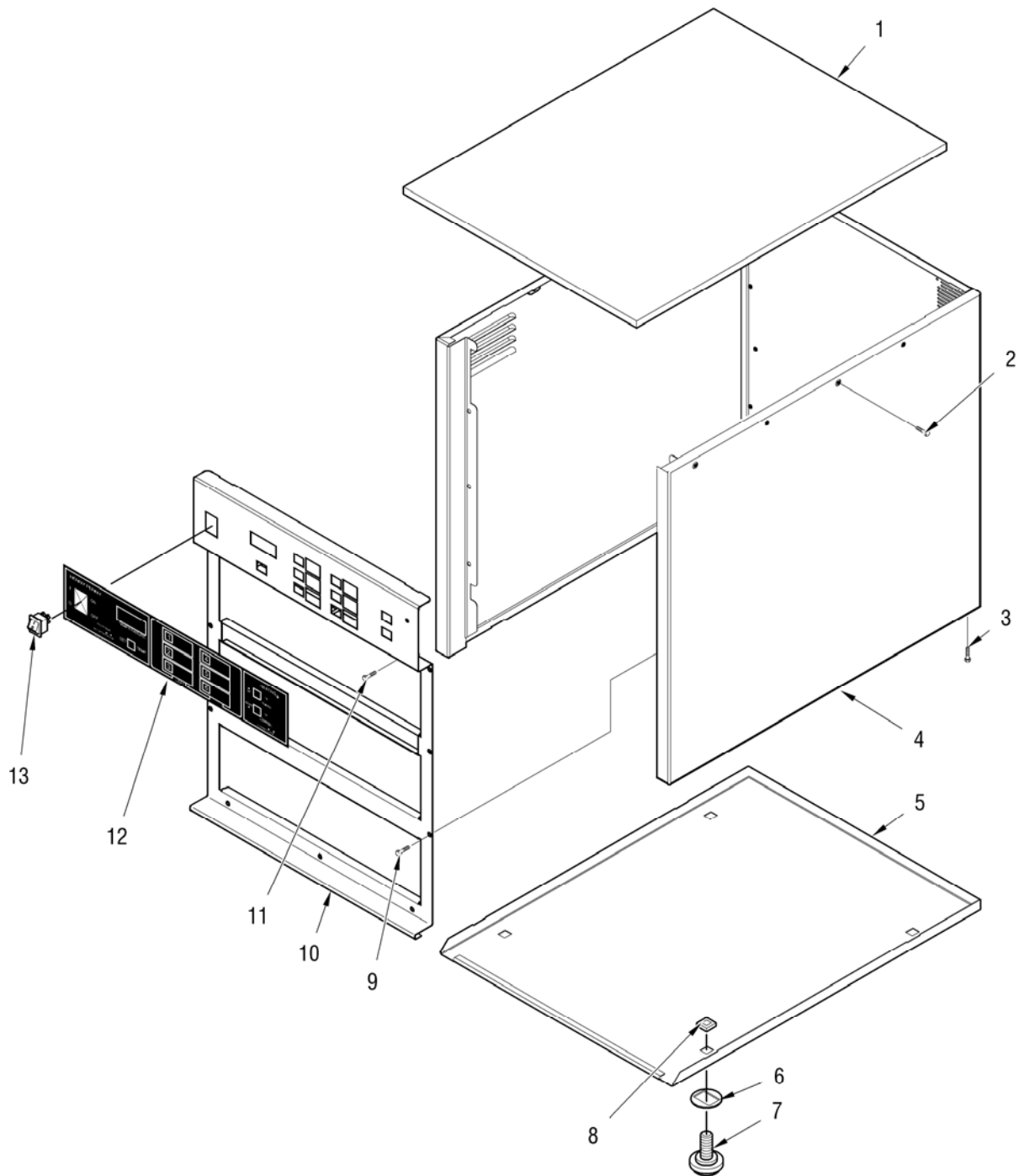
Commonly replaced items are stocked by your local distributor and will be sent out when your order is received. Other parts will be ordered, by your distributor, from Henny Penny Corporation.

### **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.

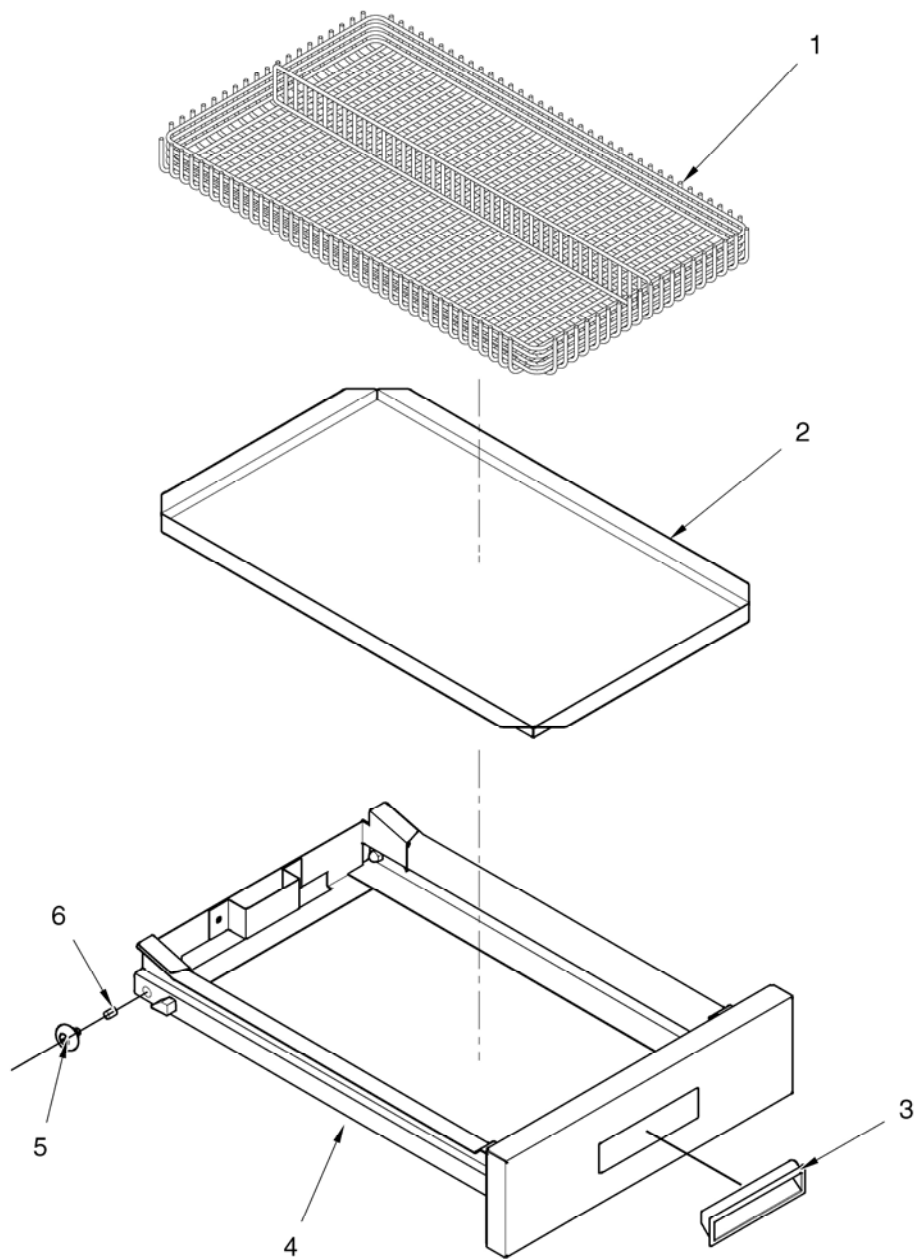


**Figure 3-1. Exterior Panels**

FIG. & ITEM NO.	PART NO.	DESCRIPTION	QTY.	
			932	930
3-1		EXTERIOR PANELS		
1	31927	CABINET TOP	1	1
2	SC02-041	SCREW	4	4
3	SC02-041	SCREW	6	6
4	63805	CAB. ENCL. - 930/240V-934 - SN: EA0505003 & BELOW	-	1
4	69989	CAB. ENCL. - 930/240V-934 - SN: EA0505004 & ABOVE	-	1
4	53821	CAB. ENCL. - CE - 930/934 - SN: EA0505003 & BELOW	-	1
4	69990	CAB. ENCL. - CE - 930/934 - SN: EA0505004 & ABOVE	-	1
4	53843	CABINET ENCLOSURE - 930DQ/120V-934	-	1
4	53954	CABINET ENCLOSURE - 930Q-SN: EA0505003 & BELOW	-	1
4	69993	CABINET ENCLOSURE - 930Q-SN: EA0505004 & ABOVE	-	1
4	63804	CAB. ENCL. - 932 - SN: EA0505003 & BELOW	1	-
4	69969	CAB. ENCL. - 932 - SN: EA0505004 & ABOVE	1	-
4	53961	CAB. ENCL. - 932 - CE- SN: EA0505003 & BELOW	1	-
4	69967	CAB. ENCL. - 932 - CE- SN: EA0505004 & ABOVE	1	-
4	54056	CABINET ENCLOSURE - 932DQ/240V-MCDS-932	1	-
5	41773	BASE ASSEMBLY	1	1
6	15022	SPACER	4	4
7	26411	LEVELER FOOT	4	4
8	NS03-013	CAGE NUT	4	4
9	SC02-016	SCREW	5	7
10	37174	PANEL - FACE PLATE	-	1
10	63854	PANEL - FACE PLATE - CE	-	1
10	31576	PANEL - FACE PLATE - MCD	-	1
10	58188	PANEL - FACE PLATE - KFC	-	1
10	44671	PANEL - FACE PLATE - 932 - E/M	1	-
10	63855	PANEL - FACE PLATE - 932 - E/M - CE	1	-
10	41765	PANEL - FACE PLATE - 932 - CDT	1	-
10	63852	PANEL - FACE PLATE - 932 -CDT - CE	1	-
10	44670	PANEL - FACE PLATE - 930 - E/M	-	1
10	63856	PANEL - FACE PLATE - 930 - E/M - CE	-	1
10	44712	PANEL - FACE PLATE - 932 - DQ	1	-
11	SC03-004	SCREW	3	3
12	61747	CONTROL DECAL - 930 CDT	-	1
12	61728	CONTROL DECAL - 932 CDT	1	-
12	41695	CONTROL DECAL - 932 - MCDONALDS	1	-
12	37377	CONTROL DECAL - 934 - MCD	-	1
12	61001	CONTROL DECAL - KFC	-	1
12	61727	CONTROL DECAL - 930 E/M	-	1
12	61729	CONTROL DECAL - 932 E/M	1	-
12	48633	CONTROL DECAL - 930 - DQ	-	1
12	48632	CONTROL DECAL - 932 - DQ	1	-
12	48043	CONTROL DECAL - 930Q	-	1
✓ 13	72277	SWITCH - POWER DPST SPLASH PROOF	1	1
✓ 13	52224	ROCKER SWITCH - CE - 125-250V	1	1
14*	15063	POWER CORD - 120 VOLT	1	1
14*	70436	POWER CORD - CE	1	1

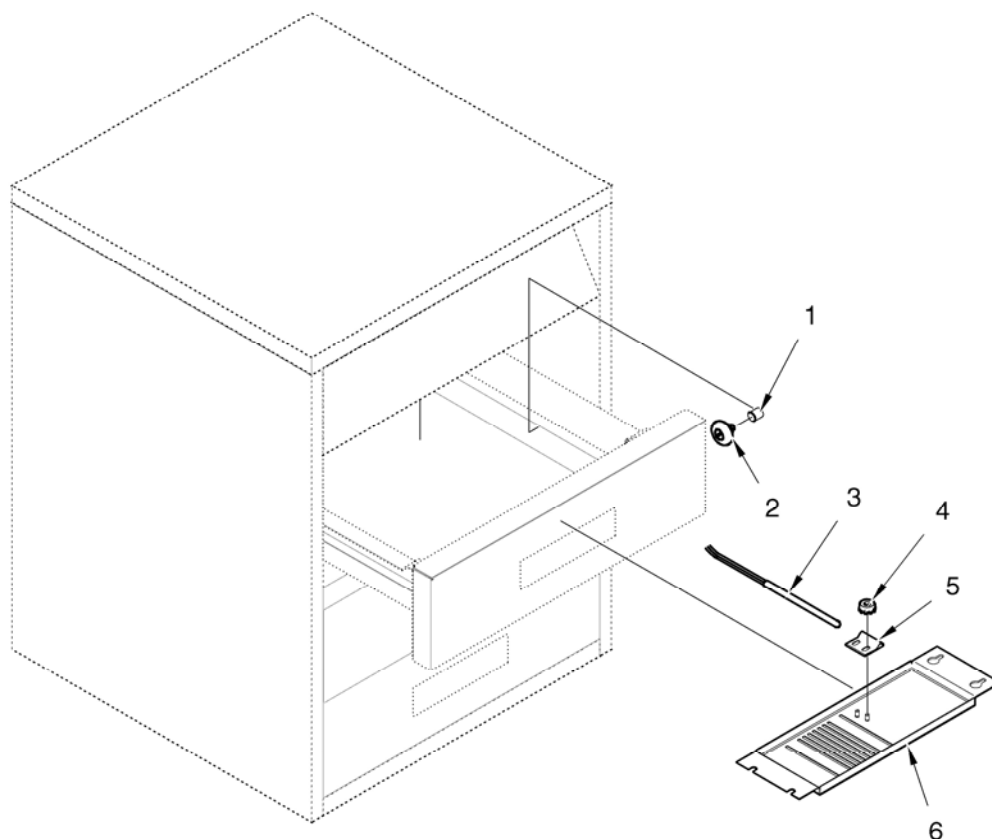
✓ recommended parts

\*not shown



**Figure 3-2. Drawer**

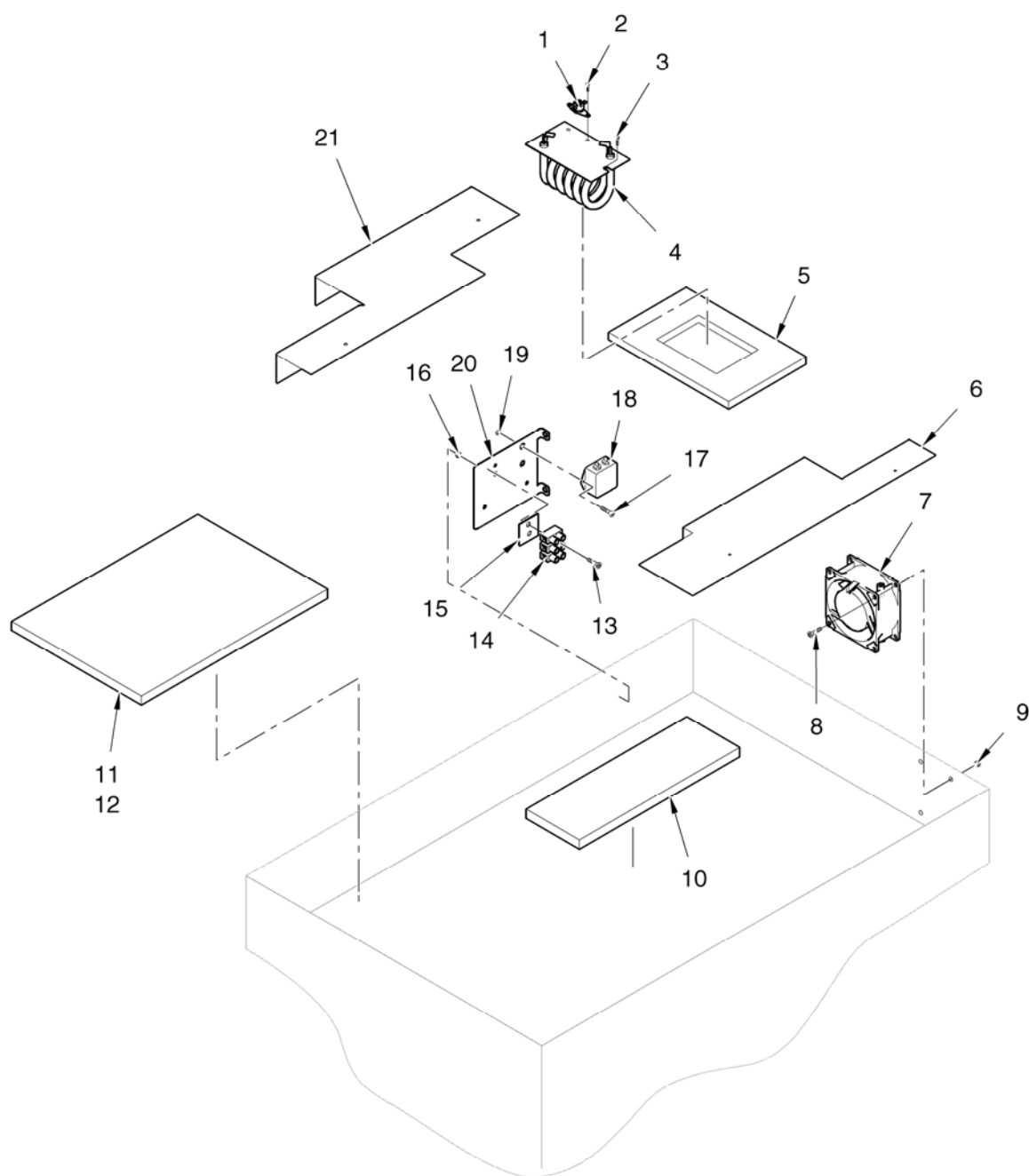
FIG. & NO.	PART NO.	DESCRIPTION	QTY	
			932	930
3-2		DRAWER		
1	31504	WIRE BASKET W/DIVIDER	2	3
2	31417	CRUMB TRAYS	2	3
3	41836	DRAWER HANDLE	2	3
4	44374	DRAWER ASSEMBLY COMPLETE	2	3
4	44373	DRAWER FRAME WELD ASSY.	2	3
4	49525	DRAWER ASSEMBLY COMPLETE-QUICK	-	3
4	49521	DRAWER FRAME WELD ASSY-QUICK	-	3
5	31421	BEARING W/SCREW	4	6
6	31357	BEARING SPACER	4	6



**Figure 3-3. Probe**

FIG. & ITEM NO.	PART NO.	DESCRIPTION	QTY.
3-3		PROBE	
1	31357	BEARING SPACER	6
2	31421	BEARING W/SCREW	6
√ 3	29523	PROBE	1
4	NS02-005	NUT	2
5	31483	PROBE BRACKET	1
6	48107	PROBE COVER	1

√ recommended parts



**Figure 3-4. Heaters and Insulation**



<b>FIG. &amp; ITEM NO.</b>	<b>PART NO.</b>	<b>DESCRIPTION</b>	<b>QTY.</b>
3-4		HEATERS AND INSULATION	
√ 1	27071	HIGH LIMIT - E/M	1
√ 1	65132	HIGH LIMIT - 415° CE	1
2	SC04-003	SCREW	2
3	SC04-003	SCREW	2
√ 4	27661	HEATER - 120V-800W; DOMESTIC CDT	1
√ 4	27943	HEATER - 240V-800W; INTERNATIONAL E/M & CDT	1
√ 4	44529	HEATER - 120V-800W; DOMESTIC E/M	1
√ 4	44975	HEATER-240V-1000W; 930Q	1
5	44966	INSULATION - TOP	1
6	44971	RETAINER - RIGHT INSULATION	1
√ 7	16684	COOLING FAN - 120V	1
√ 7	16688	COOLING FAN - 240V	1
8	SC01-037	SCREW	4
9	NS02-005	NUT	4
10	44969	INSULATION	1
11	44968	INSULATION	2
12	44965	INSULATION	1
13	SC01-176	SCREW	2
14	31563	TERMINAL BLOCK ASSY	1
14	ME50-021	TERMINAL BLOCK ASSY - CE	1
15	44854	INSULATOR	1
16	NS02-009	NUT	2
17	SC01-023	SCREW	2
18	52080	POWER CORD FILTER-CE	1
19	NS02-005	NUT	2
20	40836	MOUNTING BRACKET, TERMINAL BLOCK & RELAY	1
20	46811	TERMINAL & NUTSERT BRACKET ASSY. - CE	1
21	44973	RETAINER - LEFT INSULATION	1
22*	31549	INSULATION - WRAP-AROUND	1
23*	SC01-134	SCREW	2
24*	NS02-007	NUT	2

√ recommended parts

\*not shown

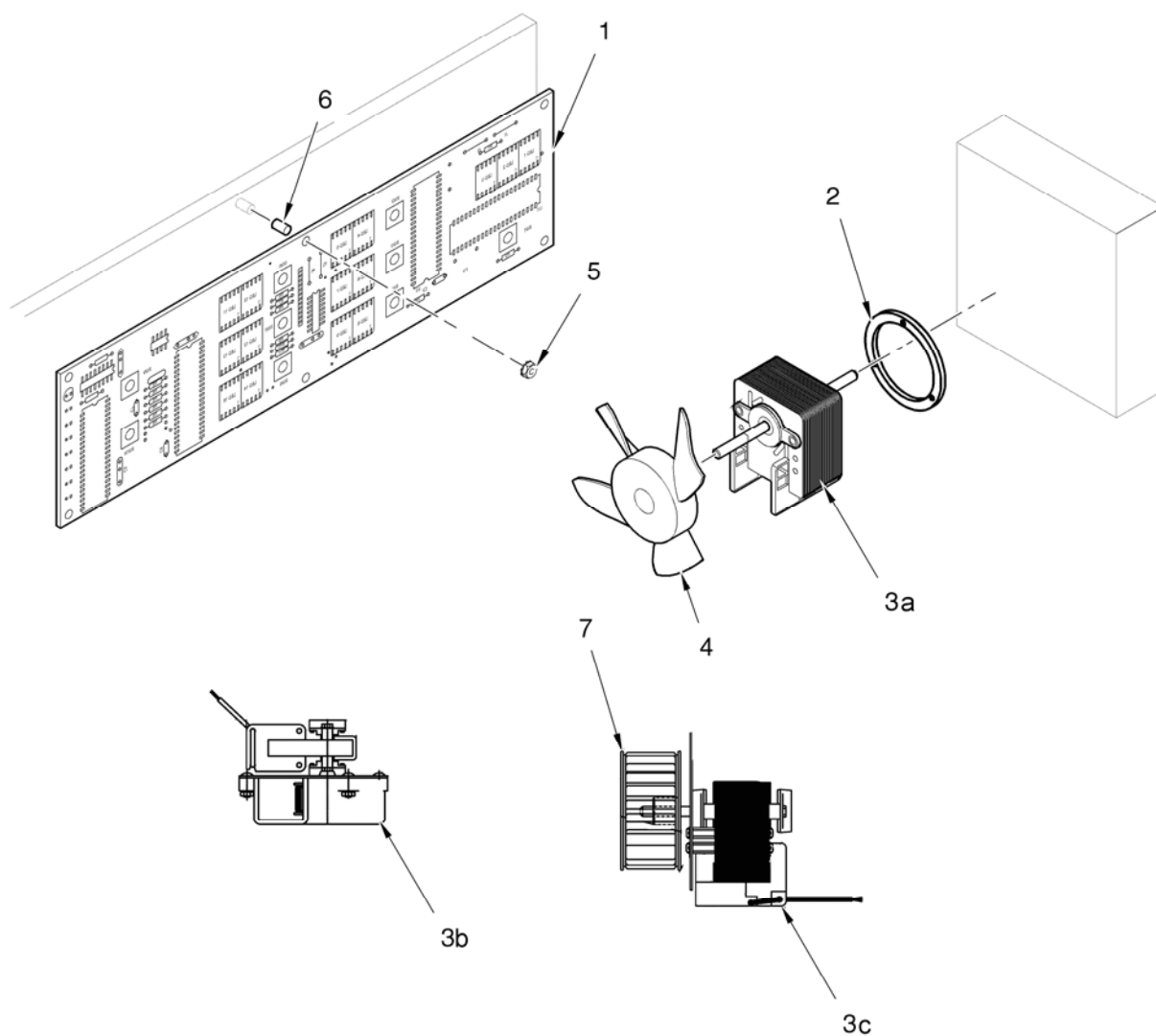
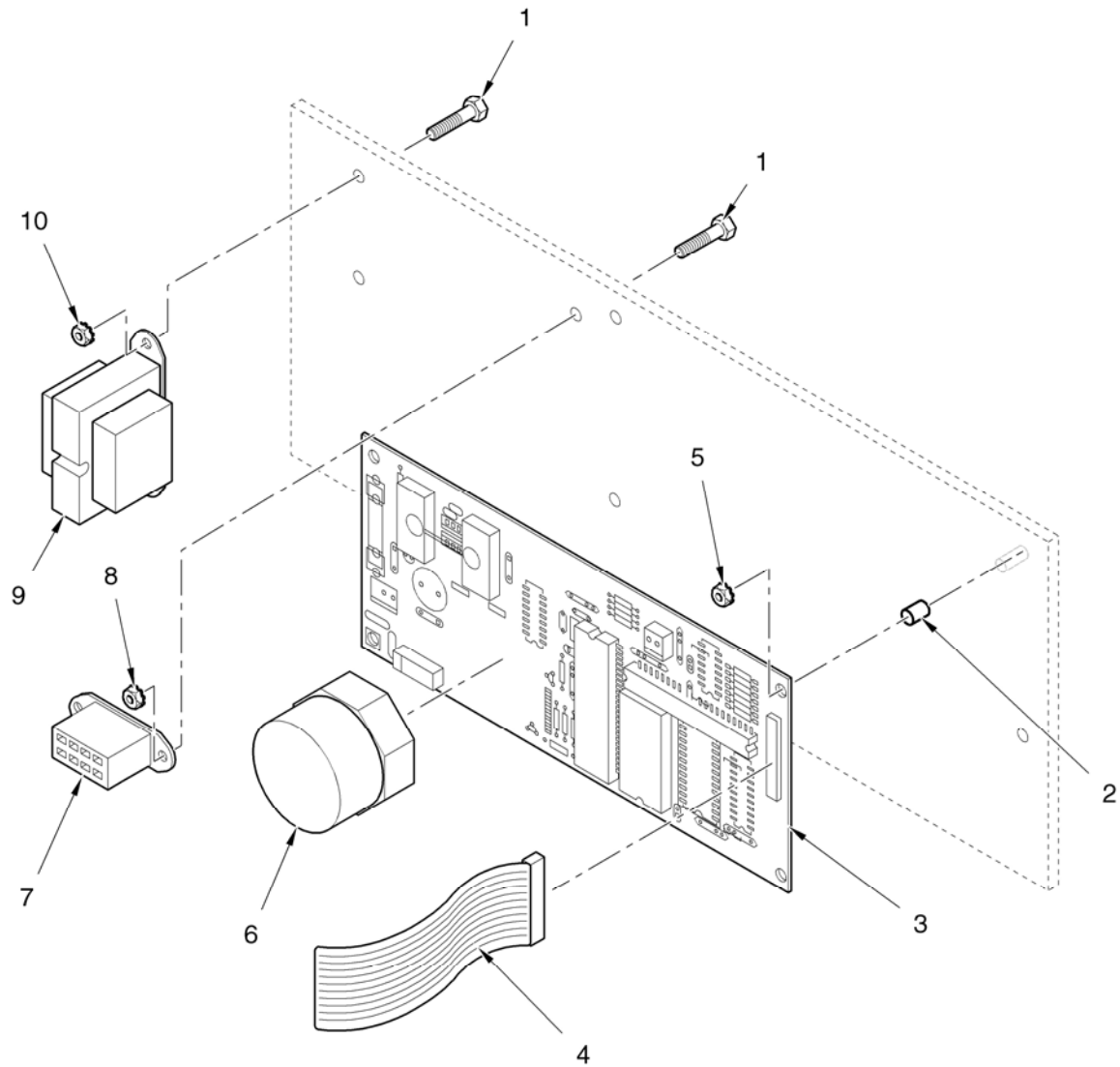


Figure 3-5. Display PCB and Blower Motor

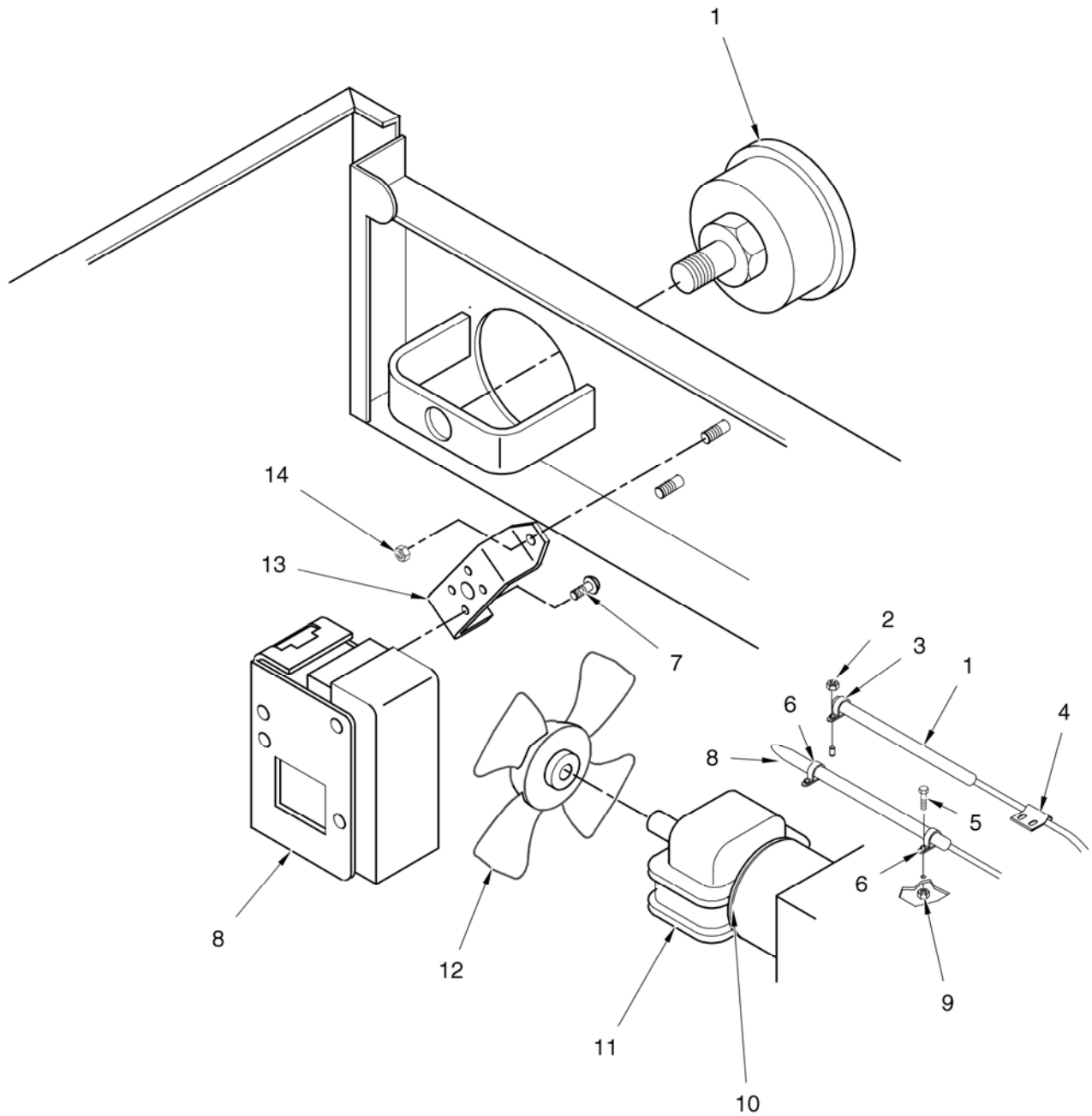
<b>FIG. &amp; ITEM NO.</b>	<b>PART NO.</b>	<b>DESCRIPTION</b>	<b>QTY.</b>
3-5		DISPLAY PCB AND BLOWER MOTOR	
✓ 1	37374RB	6 TIMER DISPLAY PC BOARD – 930 CDT	1
✓ 1	41818RB	4 TIMER DISPLAY PC BOARD – 932 CDT	1
2	25698	BLOWER PLATE GASKET	1
✓ 3a	25751	BLOWER MOTOR - 120V	1
✓ 3a	25752	BLOWER MOTOR - 240V	1
✓ 3b	25221	BLOWER MOTOR - 120V	1
✓ 3b	25407	BLOWER MOTOR - 240V – 50HZ	1
✓ 3c	31371	BLOWER MOTOR - 120V	1
4	25706	FAN BLADE	1
5	NS02-005	NUT	6
6	31555	SPACER	6
7	25621	WHEEL - BLOWER	1
8*	25619	BLOWER OUTLET GASKET	1



**Figure 3-6. Count Down Timer (CDT) Controls**

<b>FIG. &amp; ITEM NO.</b>	<b>PART NO.</b>	<b>DESCRIPTION</b>	<b>QTY.</b>
3-6		COUNT DOWN TIMER (CDT) CONTROLS	
1	SC01-049	SCREW	4
2	ME50-014	SPACERS	4
√ 3	70047RB	CONTROL PC BOARD – 930 CDT	1
√ 3	54855RB	CONTROL PC BOARD; KFC	1
√ 3	70048RB	CONTROL PC BOARD; 4 TIMER; MCD	1
√ 3	70114RB	CONTROL PC BOARD - 930 Q	1
4	31737	CONTROL PC BOARD CABLE ASSY	1
5	NS02-005	NUT	4
√ 6	36210	REPLACEABLE BEEPER	1
√ 7	31369	RELAY - 115/240V	1
8	NS02-005	NUT	2
√ 9	30978	TRANSFORMER - 115V	1
√ 9	28979	TRANSFORMER - 240V	1
10	NS02-005	NUT	2

√ recommended parts

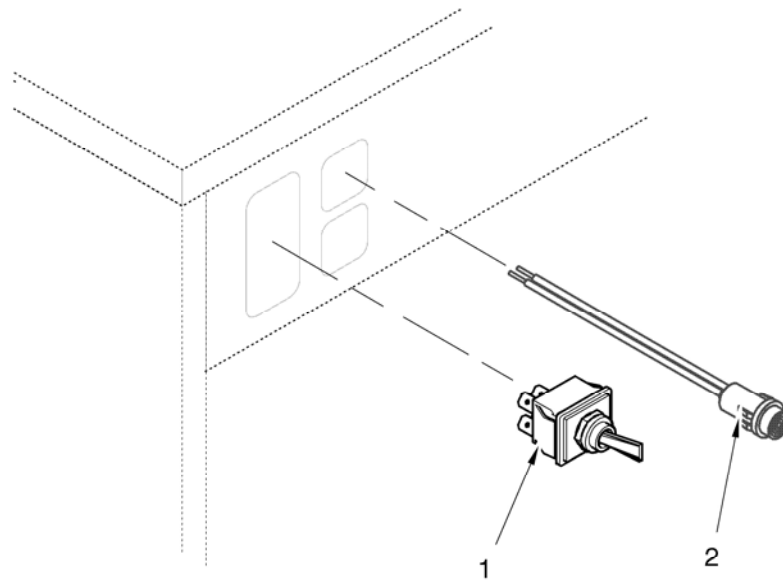


**Figure 3-7. Electro-Mechanical Components**

<b>FIG. &amp; ITEM NO.</b>	<b>PART NO.</b>	<b>DESCRIPTION</b>	<b>QTY.</b>
3-7		ELECTRO-MECHANICAL (E/M) COMPONENTS	
√ 1	14250	THERMOMETER	1
2	NS02-006	NUT	2
3	EF02-035	CLAMP, THERMOMETER BULB	1
4	EF02-030	CLAMP, THERMOMETER BULB	1
5	SC01-023	SCREW	2
6	EF02-031	CLAMP, THERMOSTAT BULB	2
7	SC01-023	SCREW	2
√ 8	14209	THERMOSTAT WITH CLIPS	1
9	NS02-006	NUT	2
10	25698	BLOWER PLATE GASKET	1
√ 11	25751	BLOWER MOTOR – 120 VOLT	1
√ 11	25752	BLOWER MOTOR – 240 VOLT	1
12	25706	FAN BLADE	1
13	25903	BRACKET, THERMOSTAT	1
14	NS02-006	NUT	2
15*	44923	BLOWER BOX END	1
16*	SC01-034	SCREW	3
17*	NS02-007	NUT	2
18*	25619	BLOWER OUTLET GASKET	1

√ recommended parts

\*not shown



**Figure 3-8. Electro-Mechanical (E/M) Controls**



FIG. & ITEM NO.	PART NO.	DESCRIPTION	QTY.
3-8		ELECTRO-MECHANICAL (E/M) CONTROLS	
✓ 1	49353	TOGGLE SWITCH	1
✓ 2	16624	INDICATOR LIGHTS	2
✓ 2	54085	INDICATOR LIGHT, GREEN - CE	2

✓ recommended parts

