

**CHICKEN CABINET
HENNY PENNY MODEL HC-934 and HC-932**



This equipment chapter is to be placed in the Holding Cabinets section of your *Equipment Manual*.

**MANUFACTURED
EXCLUSIVELY FOR
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HC-934

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This manual is for the exclusive use of licensees and employees of McDonald's Systems, Inc.

WARRANTY STATEMENT

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 lamps and fuses, which proves to be defective in the material or workmanship within 1 year from date of original installation, will be repaired or replaced without charge F.O.B. factory, Eaton, Ohio, or F.O.B. authorized distributor. To validate this warranty, the registration card for the appliance must be mailed to Henny Penny within 10 days after installation.

Replacement Parts — Any appliance replacement part, except lamps and fuses, which proves to be defective in material or workmanship within 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.

This warranty 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.

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 carrier 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.

Should outside assistance be required, call your local independent Henny Penny distributor. If additional help is required, contact Henny Penny Corporation direct in Eaton, Ohio.

INTRODUCTION

The staging cabinet is a 3 drawer, dry-air heated cabinet. The cabinet is used to stage cooked product for a time period of 30 minutes, or 60 minutes.

Features:

- Heat is uniformly circulated throughout the cabinet.
- Removable drawers, baskets and crumb trays for easy cleaning.
- Front panel temperature calibration.
- 4 or 6 independent programmable timers.
 - a. Set time from 1 to 99 minutes.
 - b. Capability to change timer during timing cycle.
 - c. Continuous timing through power interruptions.
- Self-diagnostic program for temperature probe and hi-limit failures.
- Ability to lock preset times and setpoint temperature.
- Easy front panel programming for times and temperatures.
- UL and NSF listed.

Hazard Communication Standard (HCS) — The procedures in this chapter include the use of chemical products. These chemical products will be highlighted with bold face letters followed by the abbreviation (HCS). See the Hazard Communication Standard (HCS) Manual for the appropriate Material Safety Data Sheet(s) (MSDS).

This piece of equipment is made in America and has American sizes on hardware. All metric conversions are approximate and vary in size.

INSTALLATION

WARNING: Do not puncture the skin of the Staging Cabinet with any tools or fastening devices. Electrical shock or component damage could result.

The Staging Cabinet should be placed on an approved table or shelf to allow easy access for loading and unloading of product. For proper operation, the cabinet must be level.

Electrical Connection

The Staging Cabinet is available from the factory as a 120 VAC unit for domestic use, or as a 240 VAC unit for foreign use. The data plate on the side of the unit will specify the correct electrical supply. The unit requires a grounded receptacle with a separate electrical line protected by a fuse or circuit breaker of the proper rating.

WARNING: The cabinet must be adequately and safely grounded according to local electrical codes to prevent the possibility of electrical shock.

Refer to the table below for electrical rating for the Staging Cabinet.

Prod. Number	Volts	Watts	Amps
05319	125V	842	7.3
05320	240V	742	3.5
05444	125V	842	7.3
05684	240V	742	3.5

Cabinet Preparation

When the cabinet is turned on for the first time, you may experience the following:

- A. A burning odor.
- B. Slight smell of smoke.

This indicates oils used on stainless steel and the new electrical connections are burning off residue.

It will take 3 to 4 hours of burn off to eliminate this inconvenience. The burning off procedure should be done the day before you intend to use the cabinet. It should be done in a ventilated area away from the kitchen and customers. After the burn off procedure is complete, thoroughly clean the staging cabinet following the daily cleaning procedures.

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.

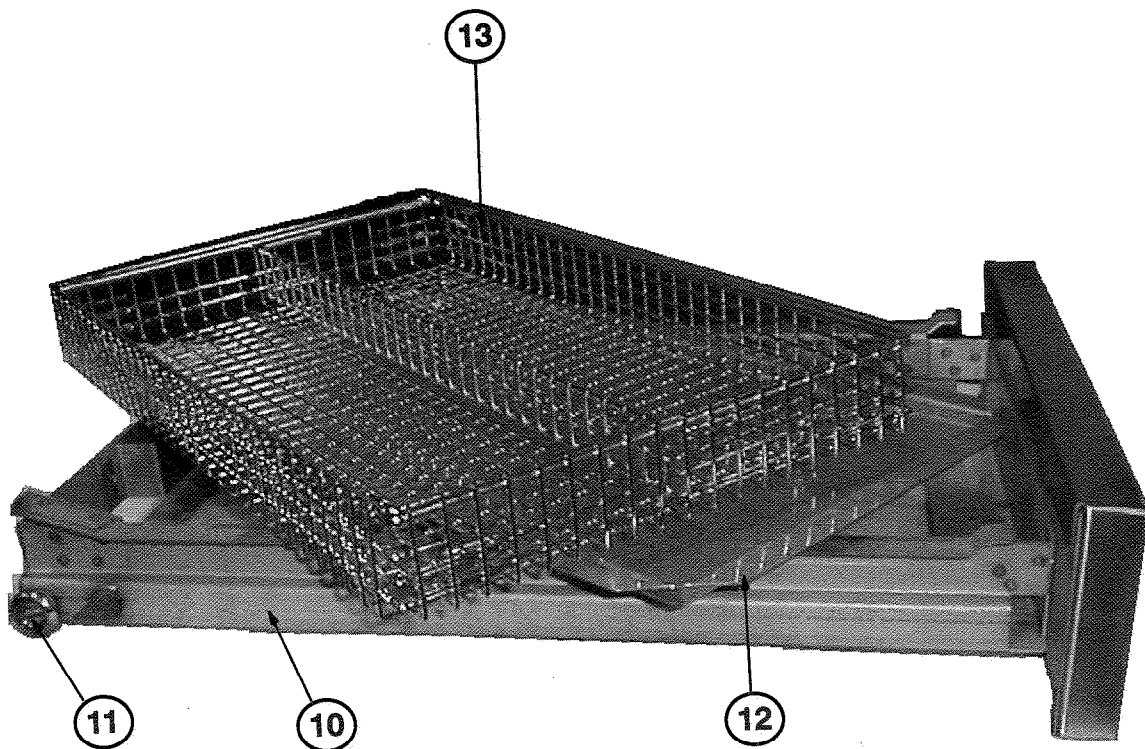
PARTS IDENTIFICATION AND FUNCTION



ITEM	PART NO	DESCRIPTION	932 QTY.	934 QTY.	FUNCTION
1	31927	Top Cabinet	1	1	Access to all controls and components.
2	37174	Panel - Face Plate HC-934	-	1	Front Cover and Mounting of Display.
	41765	Panel - Face Plate HC-932	1	-	
√ 3	43768	Rocker Switch	1	1	Switches power to components.
	52224	Rocker Switch - CE	1	1	
4	---	L.E.D. - Power ON	-	-	When Illuminated shows unit is heating.
	*†27658	Telite - Heater ON (White)	-	1	
	*†27657	Telite - Heater ON (Red) (International Only)	-	1	
5	31455	Decal - Control Panel	-	1	Covering for display.
	37377	Decal - Control Panel New Style w/o Telites	-	1	
	41695	Decal - Control Panel	1	-	
7*†	22195	Toggle Switch	-	1	Switches power to components.
8*	31397	Drawer Handle Runner Strip	2	3	Protects drawer handle.
9	41836	Drawer Handle	2	3	Allows opening of drawer.

*Not Shown †Unit manufactured prior to September, 1990 only.

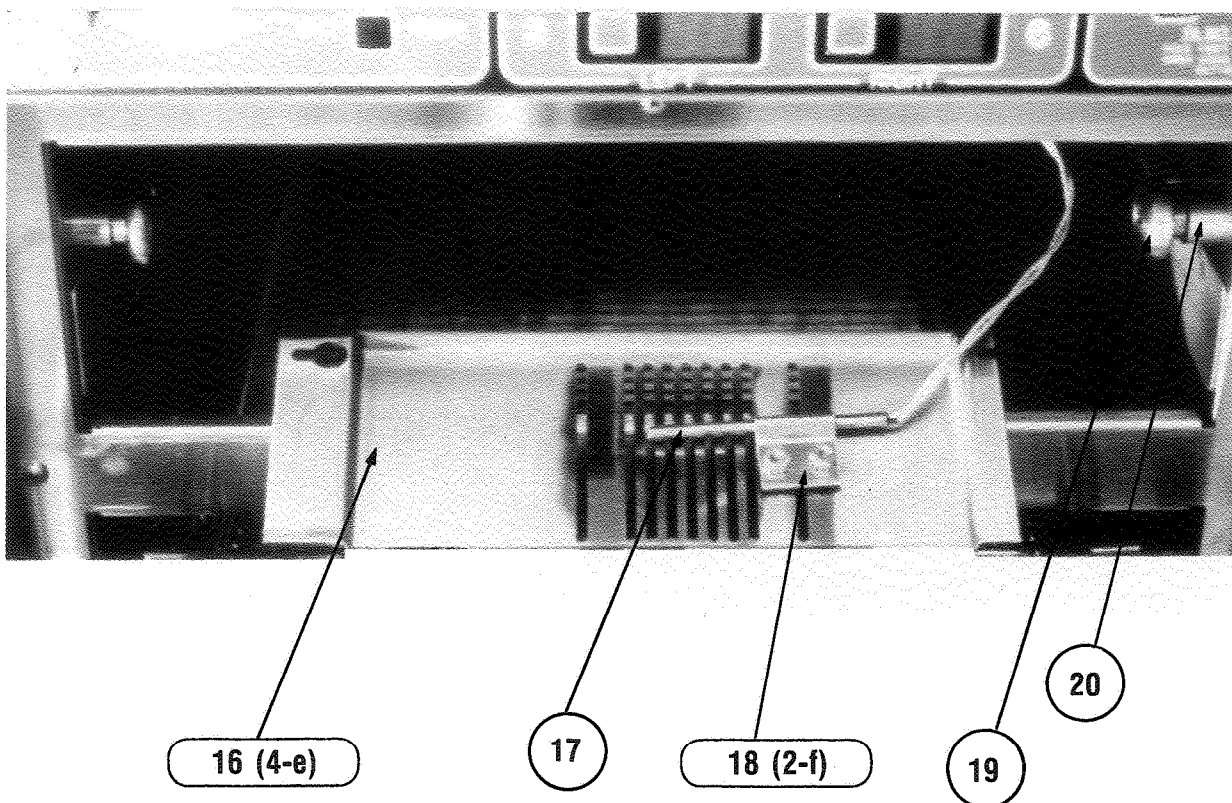
√ recommended parts



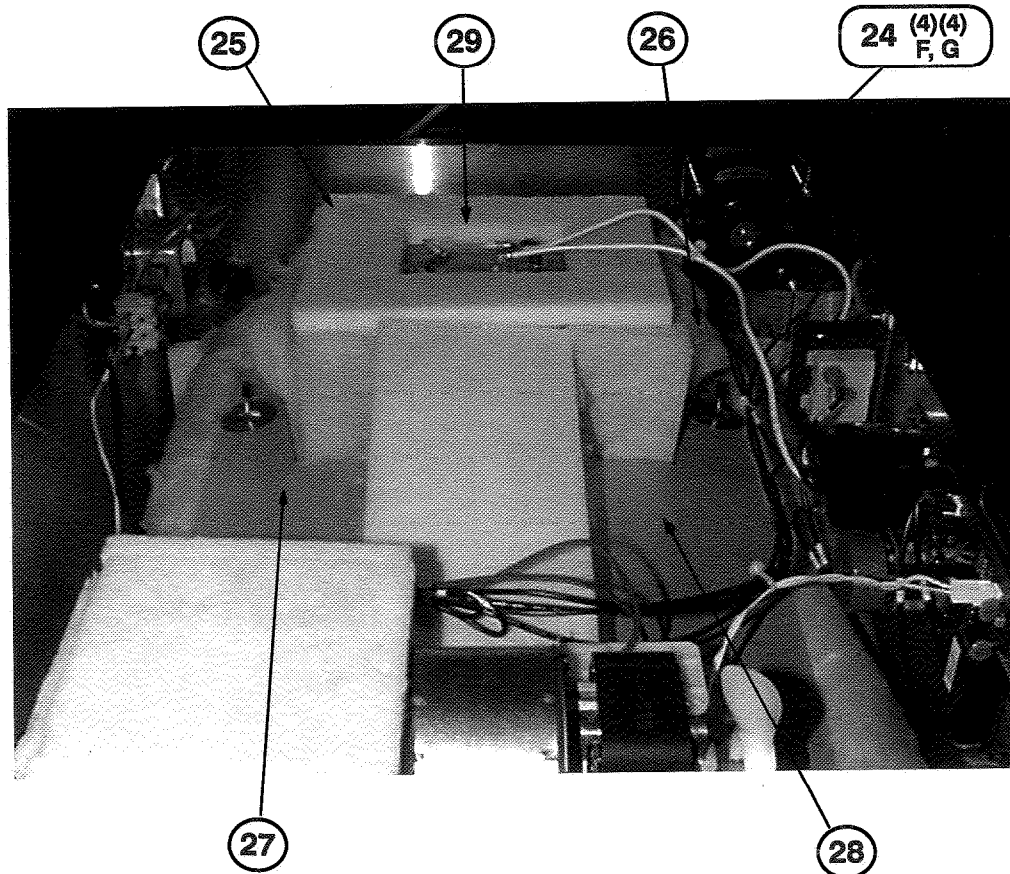
ITEM	PART NO.	DESCRIPTION	932 QTY.	934 QTY.	FUNCTION
10	44373	Drawer Frame Weld Assemblies	2	3	Drawer less gasket, handle, and drawer front.
	44374	Drawer Assy.	2	3	Drawer complete - less basket and crumb tray.
√ 11	31421	Bearings	4	6	Keeps drawer in alignment to cabinet slide.
12	31417	Crumb Trays	2	3	Catches crumbs from product.
13	31504	Wire Basket w/ Divider	2	3	Holds product.
14*	31505	Basket Dividers	2	3	Allows two sections per basket.

*Not shown.

√ recommended parts



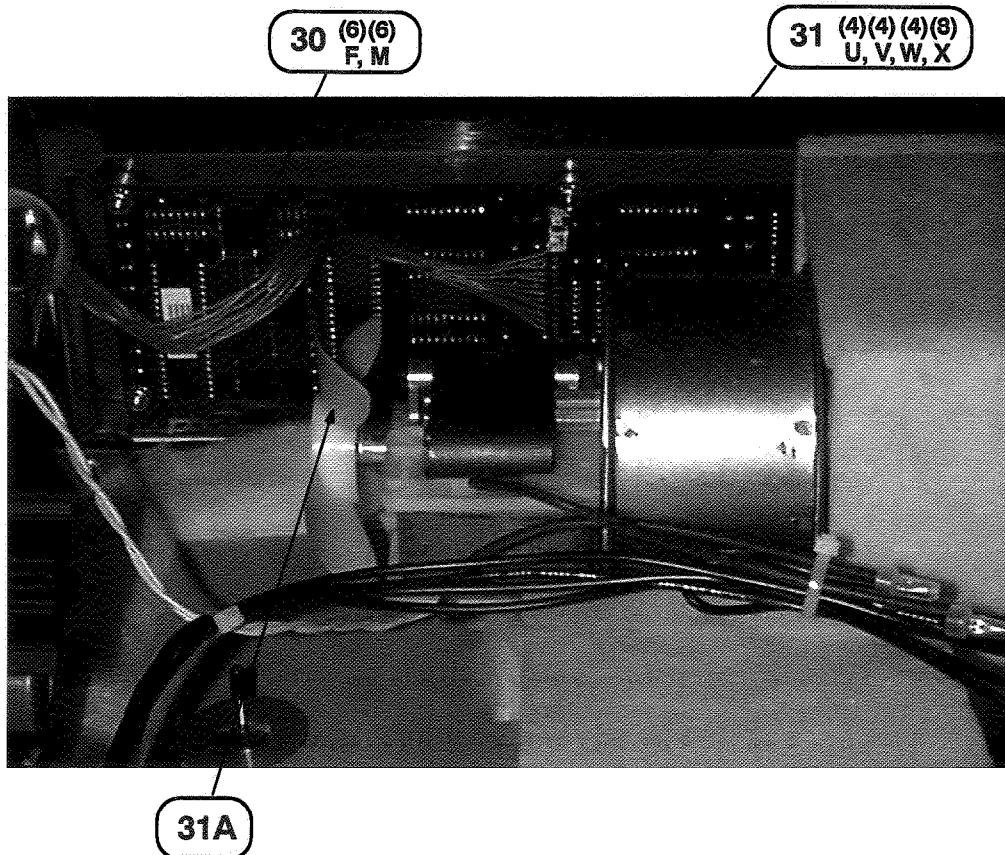
ITEM	PART NO.	DESCRIPTION	932 QTY.	934 QTY.	FUNCTION
15*	26411	Feet	4	4	
16	31484	Probe Cover	1	1	Access panel to probe
√ 17	29523	Probe	1	1	Monitors cabinet temperature
18	31483	Probe Bracket	1	1	Mounting for probe.
√ 19	31421	Bearings	4	6	Keeps drawer in alignment to cabinet side.
20	31357	Spacers	4	6	Spaces bearing from cabinet.
21*	49605	Power Cord Assy. - CE	1	1	Transfers electric power to units.
	31993	Power Cord Assy. (Pin + Sleeve)	1	1	
	31584	Power Cord Assy. - 240V (Twist Lock)	1	1	
	48240	Power Cord Assy. Right Angle - 932	1	1	
22*	EF02-044	Strain Relief	1	1	Attaches power cord to unit.
	31562	Strain Relief (Int'l. Only)	1	1	
	EF02-076	Strain Relief	1	1	
23*	53821	Cabinet Enclosure - CE	--	1	Protective cover.
	54056	Cabinet Enclosure (120/240 50 cycle)	1	--	
	53961	Cabinet Enclosure (120/240 60 cycle)	1	--	
23*	63804	Cabinet Enclosure - Domestic	--	1	Protective cover



ITEM	PART NO.	DESCRIPTION	932 QTY.	934 QTY.	FUNCTION
✓ 24	16684	Fan - 115V (Domestic)	1	1	Keeps components from overheating.
	16688	Fan - 240V (International)	1	1	
25	44966	Top Insulation	1	1	Eliminates heat loss from heater box.
26	31549	Wrap Around Insulation	1	1	Insulates oven liner.
27	44973	Insulation Left Retainer	1	1	Holds left side insulation in place.
28	44971	Insulation Right Retainer	1	1	Holds right side insulation in place.
✓ 29	27661	Sheath Heater - 120V 800W (Domestic)	1	1	Heats the cabinet.
	27943	Sheath Heater - 240V 800W (International)	1	1	

*Not shown.

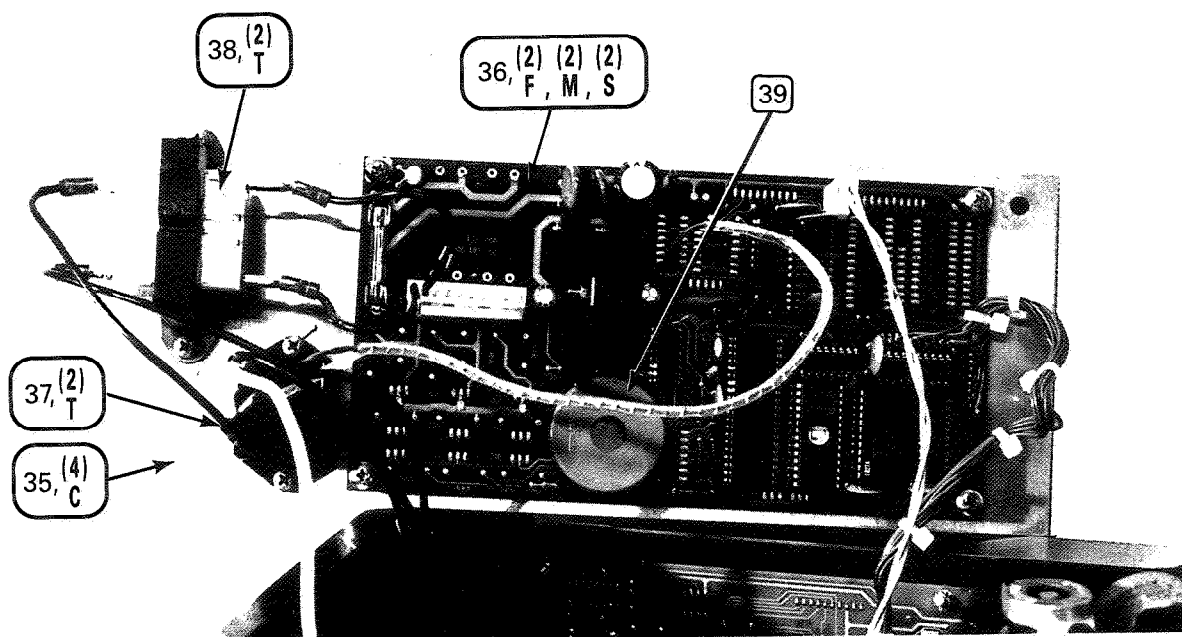
✓ recommended parts



ITEM	PART NO.	DESCRIPTION	932 QTY.	934 QTY.	FUNCTION
√ 30	31460	6 Timer Display PCB SN:FW042IA & Assembly w/ Telites below	--	1	Displays times and temperatures.
	37374	6 Timer Display PCB SN:FW043IA & Assembly N/S above	--	1	
	41818	4 Timer Display PCB Assembly - HC-932	1	--	
√ 31	25751	Blower Motor Assembly (Domestic)	1	1	Circulates internal cabinet air.
	31371	Blower Motor CW166IF & Below	1	1	
	25752	Blower Motor Assembly (240V) (International)	1	1	
	38174	CW166IF & Below -240 volt	1	1	
31A	25706	Fan Blade	1	1	Keeps Components Cool
√ 32*	30723	Relay 240V (International)	1	1	Controls high voltage to heater and low voltage to PC boards
33*	25698	Blower Plate Gasket	1	1	Mounts blower gasket
34*	25619	Blower Outlet Gasket	1	1	Eliminates heat loss from blower box.

*Not shown.

√ recommended parts



ITEM	PART NO.	DESCRIPTION	932 QTY.	934 QTY.	FUNCTION
35	31422	Control Plate	1	1	Mounting bracket for PC board.
√ 36	316331RB	Control Assembly w/Telites SN:HW051IJ to FW041IA	--	1	Powers digital display and temperature controls.
	05330	Control Assembly Retrofit SN:HW050IJ and below	--	1	
	70047RB	Control Assembly NS w/o Telites SN:FW042IA and above	--	1	
	41821RB	Control Assembly HC-932	1	--	
√ 37	31369	115 V/240 V Relay	1	1	Routes power to the heater.
√ 38	30978	Transformer 115V (Domestic)	1	1	Reduces voltage to 12 volt.
	28979	Transformer 240V (International)	1	1	
√ 39	36210	Replaceable Beeper	1	1	Sounds a tone when a button is pressed and at the end of a timing cycle.
√ *40	48856	EMC Filter Assy -CE Part	1	1	Reduces electrical disruptions to the PC boards.
√ *41	52080	Power Cord Filter - CE	1	1	Reduces electrical disruptions to the PC boards.

*Not shown.

√ recommended parts

HARDWARE IDENTIFICATION

ITEM	PART NO.	DESCRIPTION	QTY.
A	SC01-053	Screw #8-32 x 1/2" (13 mm) PH RHD	16
B	EF02-010	Nut - Switch Mounting	1
C	NS02-006	Nut #10-24 Keps	19
D	SC04-010	Screw #8-32 x 1/2" (13 mm) Slotted Hex	24
E	SC02-106	Screw #8 AB x 1/2" (13 mm)	8
F	NS02-005	Nut #6-32 Keps	14
G	SC01-037	Screw #6-32 x 2" (5.1 cm) PH PHD	4
H*	NS03-013	Nut - Cage 3/8-16	4
J	15022	Spacer - Leveler Foot	4
K	WA02-001	Washer - Insulation	4
L	MS01-133	Cover - Stud	4
M	31555	Spacer 1/4" Dia. x 3/8" (6 mm x 10 mm)	8
N	WA01-015	Washer (.020)	6
P*	SC02-012	Screw #10 AB x 3/8" (10 mm) PH THD	3
R	EF02-009	Locknut - Switch Hex	1
S	SC01-137	Screw #6-32 x 7/8" (22 mm) PH PHD	2
T	SC01-049	Screw #6-32 x 3/8" (10 mm) PH PHD	4
U	SC01-091	Screw #6-32 x 1-3/4" (4.4 cm) Round Head	4
V	LW02-010	Lockwasher #6	8
W	25767	Spacer	4
X	SC01-090	Screw #6-32 x 5/16" (8 mm) Round Head SS	4

*Not Shown

EQUIPMENT SET-UP AND CLOSE PROCEDURES

The *Introduction* and *Installation* sections of this manual should be read before operating the cabinet.

This section contains an explanation of all controls and components and information on operating procedures and daily maintenance.

Heated air inside the cabinet is circulated upward to the cabinet roof and over a heating coil. The heated air is then forced downward through a duct located in the rear of the cabinet. The heated air is dispersed over and under the product from openings in the rear of the cabinet liner. These openings are varied in size to promote uniformity of heated air throughout the cabinet.

Set-Up

Place the power switch in the ON position and select either A or B mode by depressing the UP ▲ button for A or the DOWN ▼ button for B.

The display will increase in temperature, indicating that the cabinet is heating. When the operating preset temperature is reached, the display will read $165^{\circ}\text{F} \pm 5^{\circ}\text{F}$. ($74^{\circ}\text{C} \pm 3^{\circ}\text{C}$) in the A mode, or $185^{\circ}\text{F} \pm 5^{\circ}\text{F}$ ($85^{\circ}\text{C} \pm 3^{\circ}\text{C}$) in the B mode.

Close

Daily Cleaning Procedure

1. Move the power switch to the OFF position.
2. Disconnect the electrical supply to the cabinet.

WARNING: Allow the unit to cool before cleaning by opening the drawers slightly.

3. Remove the wire basket from each drawer. (See Figure A)

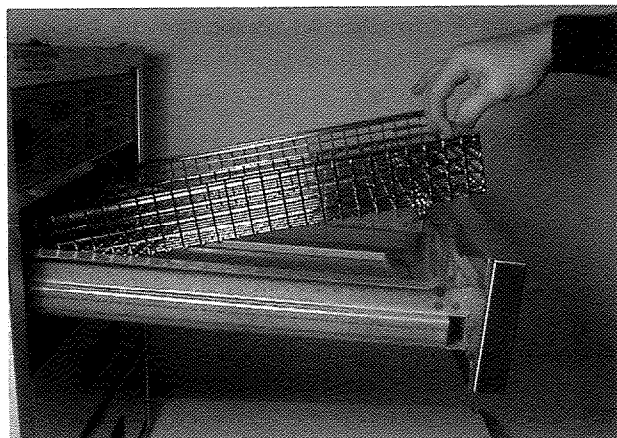


Figure A

4. Take the baskets to a sink and clean them thoroughly with a hot solution of **McD All Purpose Concentrate (APC) (HCS)** from the sink proportioner.
5. Remove the drawers by pulling them out and tilting them upwards. (See Figure B)

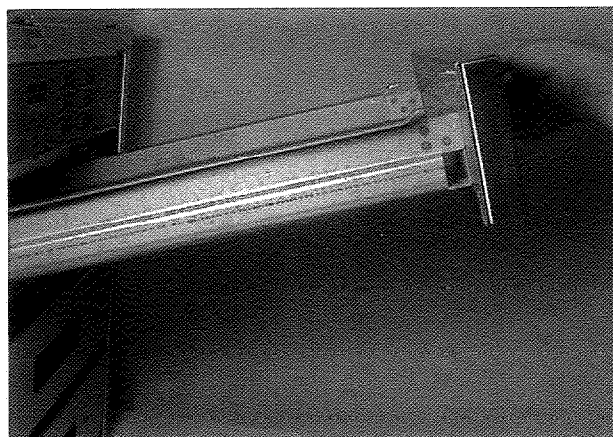


Figure B

CAUTION: DO NOT IMMERSE THE DRAWERS INTO WATER.

6. Clean the drawers using a clean towel and a hot solution of **McD APC (HCS)** from the sink proportioner.

7. Remove the crumb tray from each drawer and clean them thoroughly in the back sink. (See Figure C)

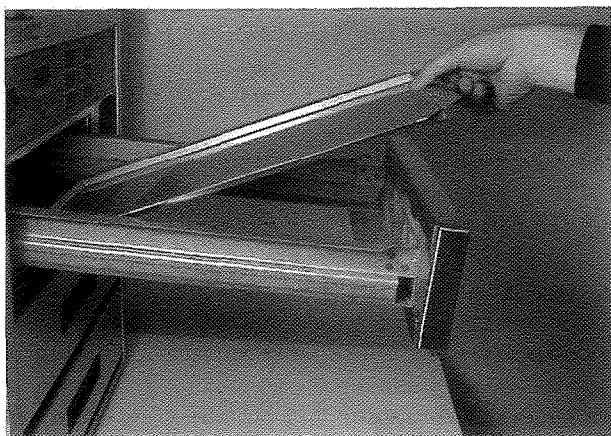


Figure C

8. Clean the interior of the cabinet thoroughly with a clean hand towel and a hot solution of **McD APC (HCS)** from the sink proportioner.

CAUTION: Do not use abrasive cleaners on the outside of the cabinet.

9. Wipe down the exterior of the cabinet with a clean damp towel. Avoid getting water in the open areas of the cabinet and control panel.
10. Replace the crumb trays, drawers, and wire baskets.
11. Leave the top drawer open 2" to 3" (5 cm to 8 cm) to air dry the inside of the cabinet overnight.

Temperature Regulation

It is possible to regulate the setpoint temperature for both A and B modes. Depress and hold the **SET/TEMP** button, and the setpoint temperature is then displayed — $165^{\circ}\text{F} \pm 5^{\circ}\text{F}$ ($74^{\circ}\text{C} \pm 3^{\circ}\text{C}$) in the A mode, or $185^{\circ}\text{F} \pm 5^{\circ}\text{F}$ ($85^{\circ}\text{C} \pm 3^{\circ}\text{C}$) in the B mode. Depress the **UP ▲** or **DOWN ▼** button until the desired cabinet setpoint temperature is displayed. After seeing the correct temperature setpoint, release the **SET/TEMP** button to return to the operating mode.

Timer Programming

1. Depress the timer switch for the channel being set.
2. While depressing the timer switch, depress the **UP ▲** and **DOWN ▼** buttons until the desired time is displayed for that channel.

3. Once programmed, release both buttons. Timer will revert to last mode of operation, either dim or counting down.

NOTE: A timer can also be changed while it is in the countdown mode. This is only in effect for the remainder of that particular timing cycle. At the end of the timing cycle, the timer will show 30 minutes in dim light on the display in the B mode and 60 minutes in the A mode. To permanently change the timer, program when the timer display is dim.

Timer Operation

When the timer is not running, the programmed time will show dim in the timer display. For example, if the control is in the A mode, the display will show "60" minutes. If the control is in the B mode, the display will show "30" minutes. By depressing the timer button, the display will show the time remaining in the full brightness, and it will start the countdown cycle. The decimal point in the lower right corner will start to blink. All timers operate independently of each other, and may be started, stopped, or aborted regardless of the status of the other timers. At the end of the timing cycle an alarm will sound, "00" will flash in the timer display, and the decimal point will stop blinking. Once the timer is reset, the programmed time will show dim in the timer display.

Timing Through Power Down

Power interruptions such as brownouts are common, but timing through a brownout will reduce the adverse effects of these power failures. If a power interruption should happen, the control will check the timers and cabinet temperature. If the cabinet temperature has dropped less than 10°F (7°C), the control will continue timing from the point of the power interruption. If the cabinet temperature has dropped more than 10°F (7°C), the timers will end their timing cycle, and the alarm will sound. This is to inform the operator that this temperature drop may affect the product.

Special Program Mode

This special program mode consists of the following features:

1. Fahrenheit (F) or Celsius (C).
2. Program Mode Lockout (L) - locked (U) - unlocked.
3. One-button programming for times and temperature.

To enter the special program mode:

1. Turn the power switch to OFF.
2. Depress and hold the SET/TEMP button while turning the power switch to ON.
3. Release the SET/TEMP button.

Timer 1 Switch: Models HC-934 and HC-932

Upon entering the special program mode, the temperature display will be blank. Timer 1 switch will change from F for Fahrenheit to C for Celsius. This will be shown in the Timer 1 display.

Timer 2 Switch: Models HC-934 and HC-932

If there is a programmed time and setpoint temperature for all three timers, you have the ability to lock these cycles in to avoid anyone from changing the times and temperature. Enter the special program mode. There will be a U shown in the timer 2 display. Depress the timer 2 switch and display will read L for lock. To change any preset times and temperature to U. You are now able to make changes as desired.

Timer 3 Switch: Model HC-932 and Timer 4 Switch: Model HC-934

To turn OFF or ON the beeper or strobe light, enter the special program mode. By depressing the timer 3 or 4 button, the display will toggle from B, S, BS, or blank. B indicates the beeper will sound at the end of any timing cycle. S indicates no beeper, but the strobe light will come on at the end of a cycle (if applicable). BS indicates both beeper and strobe will come on, and a blank display indicates no beeper and no strobe.

TROUBLESHOOTING

CAUTION: Refer to maintenance procedures in the *Non-Scheduled Maintenance* section to check and repair the unit safely and properly.

Operation

PROBLEM	PROBABLE CAUSE	CORRECTIVE ACTION
Product not holding temperature	Drawers are left open.	Keep drawers closed except to load and serve product.
	Product held too long.	Hold product only for recommended times.
	Temperature control set too low.	Increase temperature setting by depressing set button and push the UP ▲ or DOWN ▼ button.
	Heater not working.	Check heater and replace if needed.
	Blower not working.	Check blower and replace if needed.

Timer 3 Switch: Model HC-934 and Timer 4 Switch: Model HC-932

To preset the holding cabinet to McDonald's specifications, enter the special program mode. Depress timer 3 or 4 button. The temperature display will read "INI" briefly and return to normal special program mode. All timers will be set at 60 minutes in the A mode and 30 minutes in the B mode. The setpoint temperatures will be 165°F±5°F (74°C±3°C) in the A mode, and 185°F±5°F (85°C±3°C) in the B mode. To exit special program mode simply turn the power switch to OFF and then ON again.

Physical Specifications

- 18" wide x 24-1/8" deep x 21-1/16" high (46 x 61 x 53 cm). Model HC-934
- 18" wide x 24-1/8" deep x 16-1/16" high (46 x 61 x 41 cm). Model HC-932
- Equipped with 3 channel 11-3/8" wide x 18-7/8" long x 1-1/8" deep wire baskets (29 x 46 x 26 cm). Model HC-932 only has 2 baskets.
- Shipping weight - 135 pounds (61 kg) Model HC-934
- Shipping weight - 110 pounds (50 kg) Model HC-932

Heating System

PROBLEM	PROBABLE CAUSE	CORRECTIVE ACTION
Cabinet will not heat.	Faulty heater.	Check heater and replace if needed.
	Faulty wiring.	Check wiring for loose connections or broken wires and repair as necessary. (Call Service Agency)
	Faulty Solid State Relay.	Replace solid state relay.
Unit will not heat to desired temperature.	Faulty blower.	Check blower and replace if needed.
Unit Overheats.	Faulty blower.	Check blower and replace if needed.
Error message H1 displayed.	Internal temperature exceeds hi-limit range.	To reset, turn power switch OFF and then ON.

Power Section

PROBLEM	PROBABLE CAUSE	CORRECTIVE ACTION
With power switch in ON position, the cabinet is completely inoperative.	Unit not connected to electrical supply.	Plug cord into appropriate electrical receptacle.
	Tripped circuit breaker or blown fuse.	Reset or install new fuse located in the store's main power control box..
	Faulty cord or plug.	Check cord and plug.
	Faulty power switch.	Check switch.
Error message E06 displayed	Faulty temperature sensor.	Replace temperature sensor.

NON-SCHEDULED MAINTENANCE

TESTING INSTRUMENTS

You may use 2 test instruments to check the electric components.

1. A Continuity Light.
2. An Ohm Meter.

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

When the manual refers to the circuit being open, the continuity light will not illuminate or the ohm meter will read 1 or infinite resistance.

NOTE: A continuity tester cannot be used to check coils.

BLOWER REPLACEMENT

Tools: Medium Phillips Screwdriver

Parts: Blower Assembly

1. Disconnect the electrical supply to the cabinet.

WARNING: Place the power switch in the OFF position and unplug the power cord. Failure to do so could result in electrical shock.

2. Remove the cabinet top cover.
3. Remove the 2 blower wires from the L1 and L2 wire nuts.
4. Remove the 3 screws and lockwashers securing the blower to the blower box. (See Figure 1)

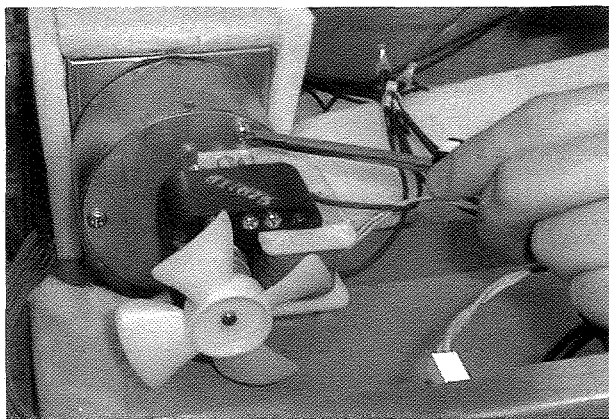


Figure 1

5. Remove the blower from the blower box. (See Figure 2)

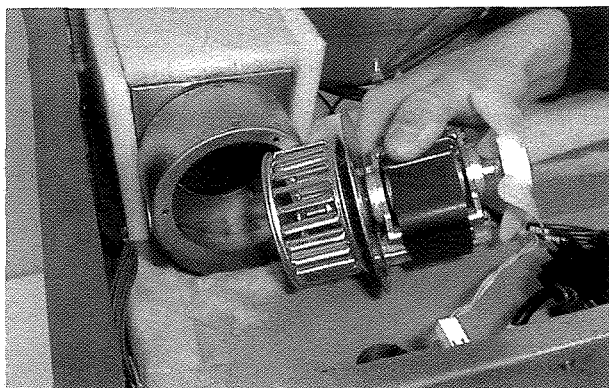


Figure 2

6. Install a new blower, reassembling in reverse order of disassembly.
7. Rewire the new blower the same as the old blower.
8. Replace the cabinet top cover.
9. Reconnect the electrical supply to the cabinet.

HEATER REPLACEMENT

Tools: Medium Phillips screwdriver

Parts: Sheath heater

1. Disconnect the electrical supply to the cabinet.

WARNING: Place the power switch in the OFF position and unplug the power cord. Failure to do so could result in electrical shock.

2. Remove the cabinet top cover.
3. Remove the 2 wires attached to the heater terminals.
4. Remove the 2 screws holding the heater to the cabinet. (See Figure 3)

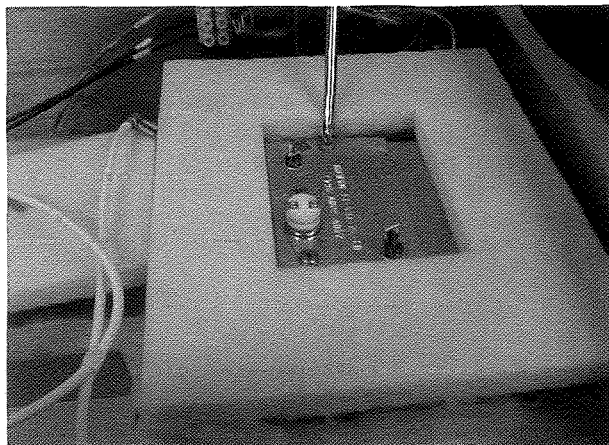


Figure 3

5. Remove the heater.
6. Install a new heater in reverse order.
7. Reattach the 2 heater wires.
8. Replace the cabinet top cover.
9. Reconnect the electrical supply to the cabinet.

NOTE

European CE units will have a high limit (part no. 18201) which will have to be removed from heater plate and reinstalled on the new heater.

POWER SWITCH REPLACEMENT

Tools: 5/8" (16 mm) wrench, continuity tester

Parts: Power switch

1. Disconnect the electrical supply to the cabinet.

WARNING: Place the power switch in the OFF position and unplug the power cord. Failure to do so could result in electrical shock.

2. Remove the cabinet top cover.
3. Remove the wires from the power switch. Check across the 2 terminals of the power switch for continuity. With the power switch in the OFF position, the circuit should be open. If the power switch is defective, replace it by continuing with this section.
4. Loosen the nut holding the power switch on the back side of the control panel and then remove the nut on the front of the control panel. (See Figure 5)

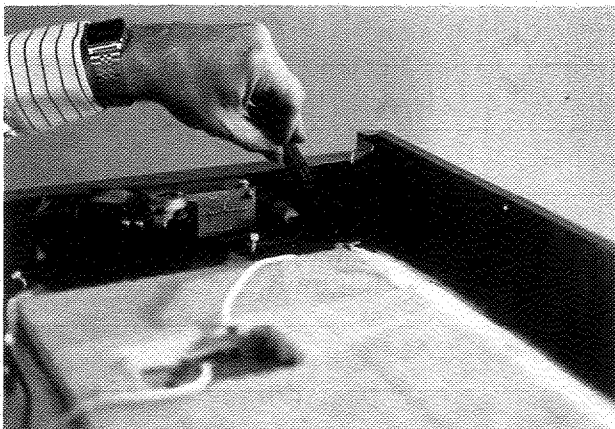


Figure 5

5. Remove the power switch. (See Figure 6)

POWER
SWITCH

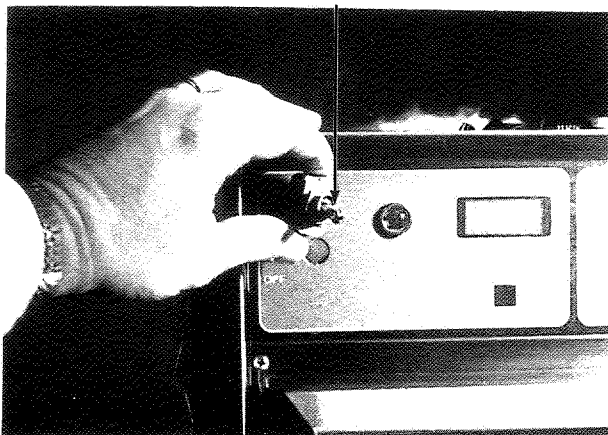


Figure 6

6. Install a new power switch in reverse order.
7. Reconnect the wires to the power switch.
8. Replace the cabinet top cover.
9. Reconnect the electrical supply to the cabinet.

TELITES REPLACEMENT

Tools: Wire stripper, wire nuts

Parts: Telites

This section should be followed for replacing any of the telites.

1. Disconnect the electrical supply to the cabinet.

WARNING: Place the power switch in the OFF position and unplug the power cord. Failure to do so could result in electrical shock.

2. Remove the cabinet top cover.
3. Cut the telite wires just behind the body of the light. (See Figure 7)

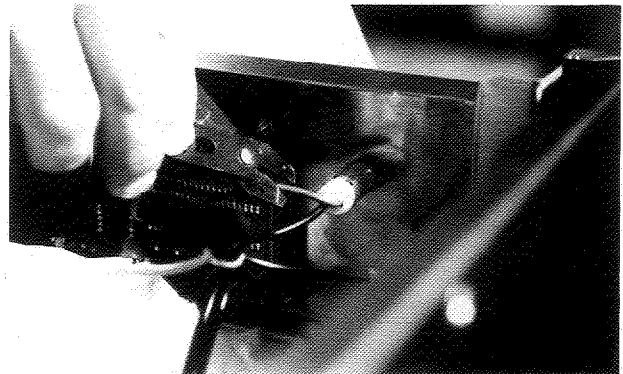


Figure 7

4. Remove the light by squeezing the retainers on the body and pushing the telite out through the front control panel. (See Figure 8)



Figure 8

5. Install the new telite by pushing it through the front of the control panel until it snaps securely into place.
6. Strip the ends of the cut wires and connect them to the new telite with wire nuts.
7. Replace the cabinet top cover.
8. Reconnect the electrical supply to the cabinet.

FAN REPLACEMENT

Tools: Wire stripper, wire nuts, Phillips screw-driver

Parts: Fan

1. Disconnect the electrical supply to the cabinet.

WARNING: Place the power switch in the OFF position and unplug the power cord. Failure to do so could result in electrical shock.

2. Remove the cabinet top cover.
3. Cut the fan wires 6" (15 cm) from the fan. (See Figure 9)

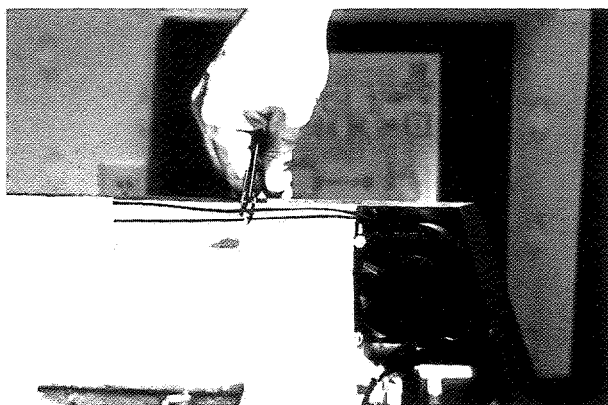


Figure 9

4. Remove the nuts from the 4 screws holding the fan to the cabinet. (See Figure 10)

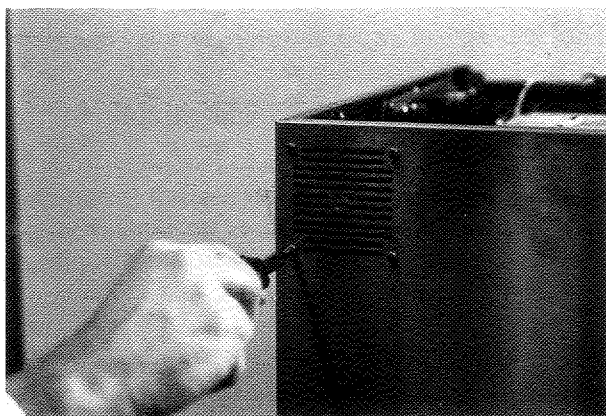


Figure 10

5. Remove the fan.
6. Install a new fan in reverse order.
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 cabinet.

SOLID STATE RELAY REPLACEMENT

Tools: 3/8" (10 mm) wrench or socket driver

Parts: Solid State Relay

1. Disconnect the electrical supply to the cabinet.

WARNING: Place the power switch in the OFF position and unplug the power cord. Failure to do so could result in electrical shock.

2. Remove 2 nuts holding mounting bracket and remove. (See Figure 11)

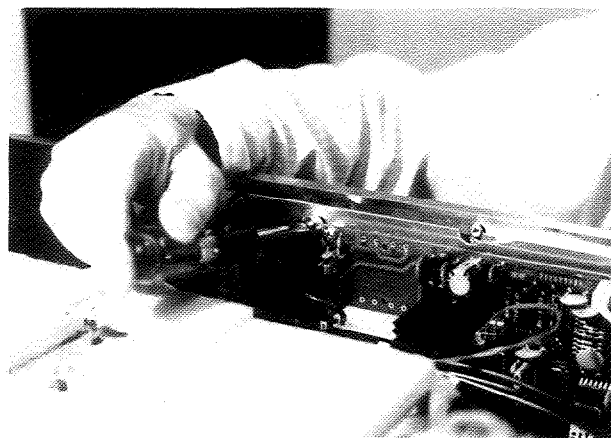


Figure 11

3. Disconnect wires from solid state relay. (See Figure 12)

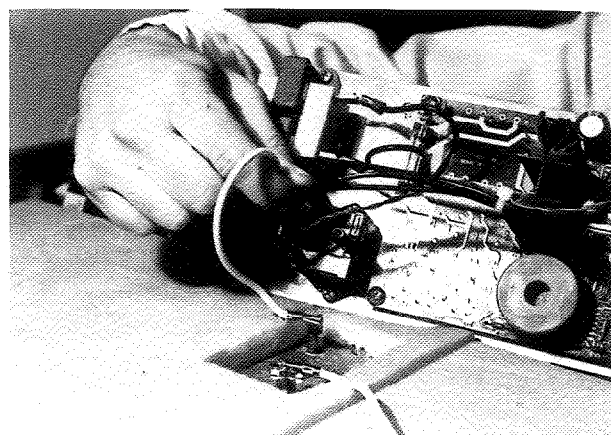


Figure 12

CAUTION: Mark wires before removing. Place old wires on new solid state relay exactly as on old relay.

4. Remove the 2 screws that hold the relay to the cabinet. (See Figure 13)

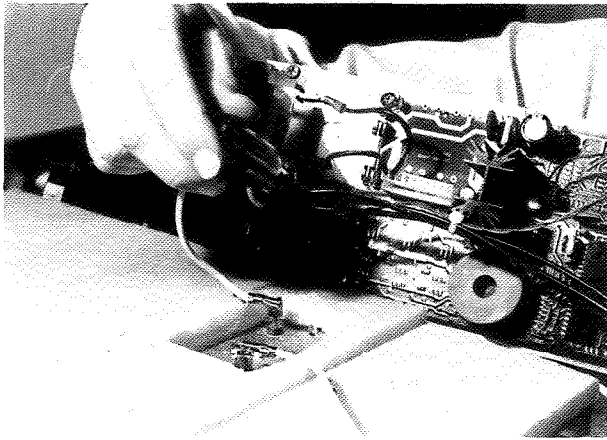


Figure 13

5. Install new relay.

TRANSFORMER REPLACEMENT

Tools: 3/8" (10 mm) wrench or socket driver

Parts: Transformer

1. Disconnect the electrical supply to the cabinet.

WARNING: Place the power switch in the OFF position and unplug the power cord. Failure to do so could result in electrical shock.

2. Remove 2 nuts holding mounting bracket and remove. (See Figure 14)

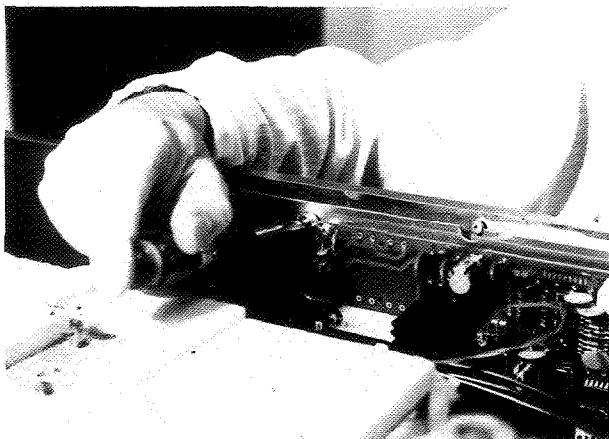


Figure 14

3. Unplug transformer from circuit board. (See Figure 15)

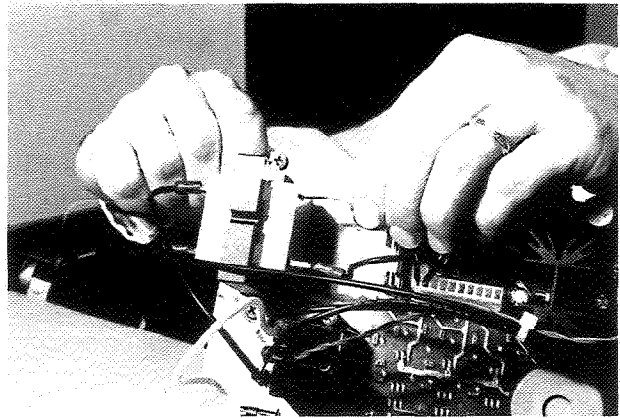


Figure 15

4. Remove screws mounting transformer to bracket. (See Figure 16)

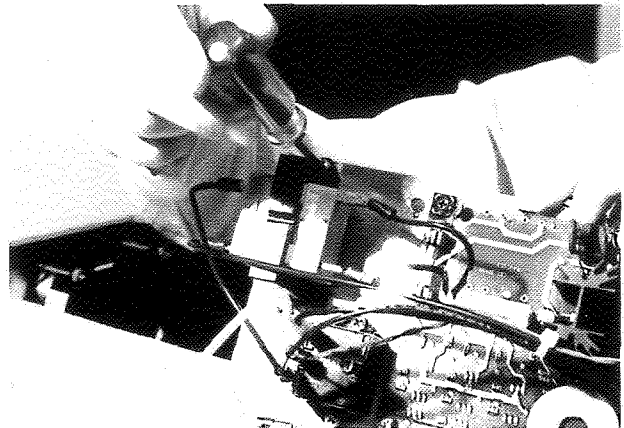


Figure 16

5. Install new transformer.

DIGITAL DISPLAY REPLACEMENT

Tools: 5/16" (8 mm) wrench or socket driver

Parts: Digital Display

1. Disconnect the electrical supply to the cabinet.

WARNING: Place the power switch in the OFF position and unplug the power cord. Failure to do so could result in electrical shock.

2. Unplug circuit board from display. See Figure 17)

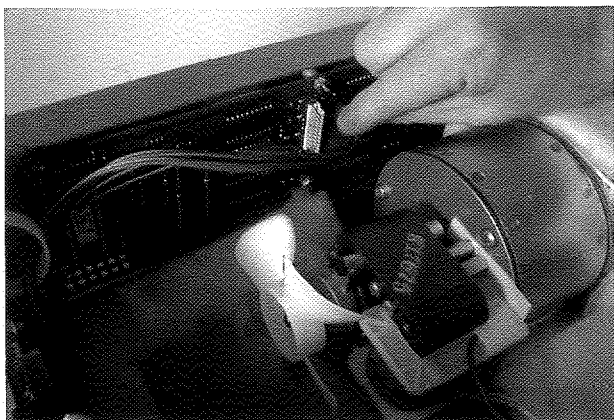


Figure 17

3. Loosen the 6 nuts holding the display to the cabinet and remove.
4. Install new digital display and carefully tighten nuts.

TEMPERATURE SENSOR REPLACEMENT

In the event the temperature sensor becomes faulty, an error message E06 will be displayed. Turn power switch OFF and then back ON. If the error message E06 is still displayed, the temperature sensor must be replaced.

Tools: Phillips screwdriver, 5/16" (8 mm) wrench or socket driver

Parts: Temperature Sensor

1. Place the power switch in the OFF position and unplug the power cord.

WARNING: Failure to do so could result in electrical shock.

2. Remove the top drawer from unit. (See Figure 19)

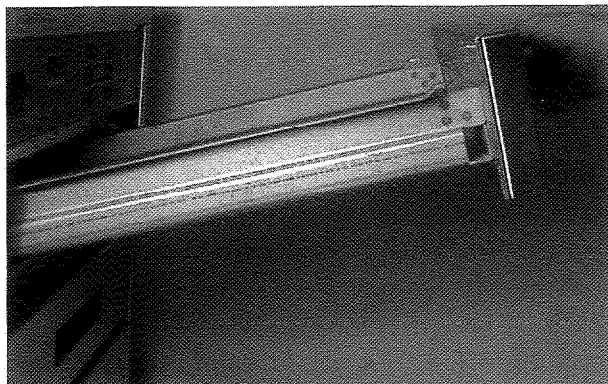


Figure 19

3. Loosen 4 screws holding access panel and remove panel. (See Figure 20)

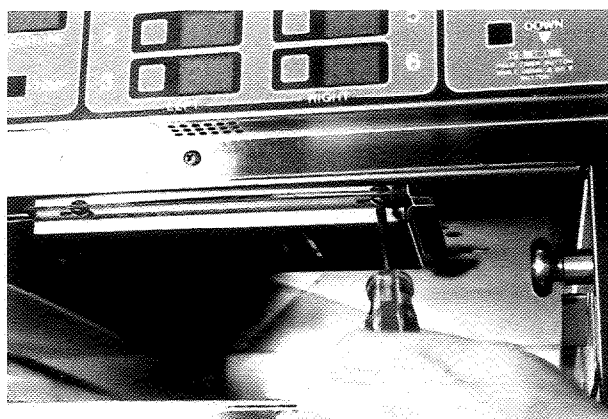


Figure 20

4. Loosen 2 nuts mounting temperature sensor to bracket and remove from bracket. (See Figure 21)

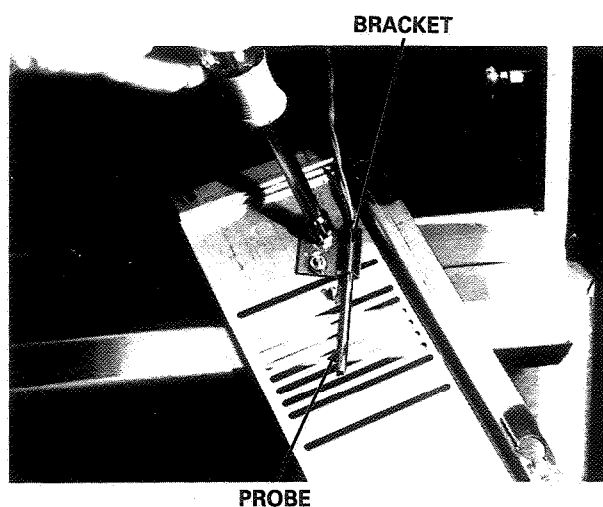


Figure 21

Unplug sensor from board and pull out from top of unit. (See Figure 22)

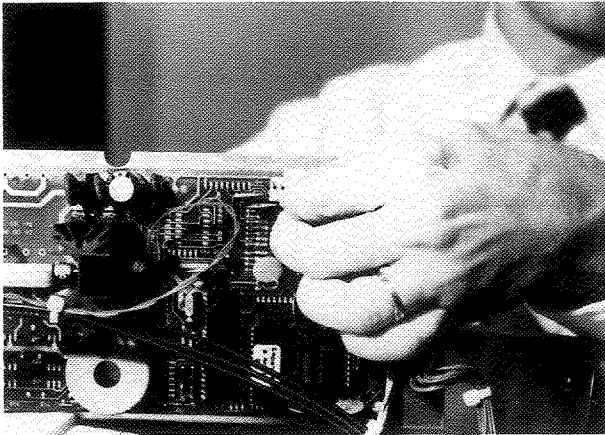


Figure 22

6. Install new sensor in reverse order.

CIRCUIT BOARD REPLACEMENT

Tools: Phillips screwdriver

Parts: Circuit Board

1. Disconnect the electrical supply to the cabinet.

WARNING: Place the power switch in the OFF position and unplug the power cord. Failure to do so could result in electrical shock.

2. Unplug circuit board from digital display. (See Figure 23)

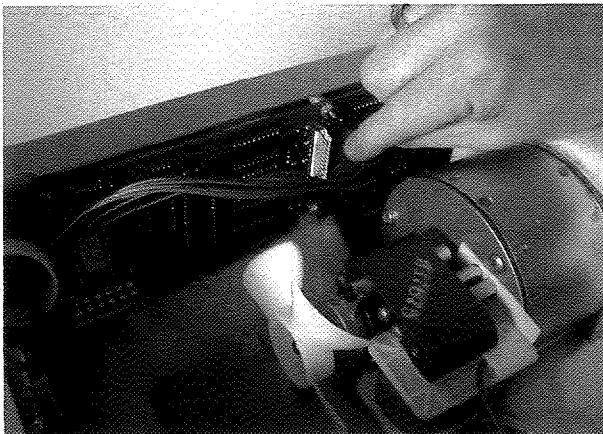


Figure 23

3. Remove 4 screws and spaces securing the circuit board to the cabinet. (See Figure 24)

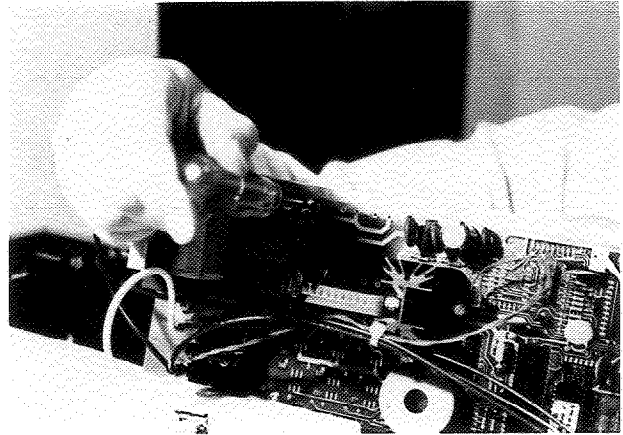


Figure 24

4. Install new circuit board and carefully tighten screws.
5. Plug new circuit board into the digital display.

REPLACE POWER SWITCH (ROCKER)

Tools: Continuity tester

Parts: Power Switch (Rocker)

1. Disconnect power to unit.

WARNING: Place the power switch in the OFF position and unplug the power cord. Failure to do so could result in electrical shock.

2. Remove the cabinet top cover.
3. Remove the wires from the switch. Check across the terminals — top and bottom terminals on the left side of the switch, and top and bottom terminals on the right side. In the ON position the switch should show continuity. If switch is defective, replace it and proceed with procedures. (See Figure 25)

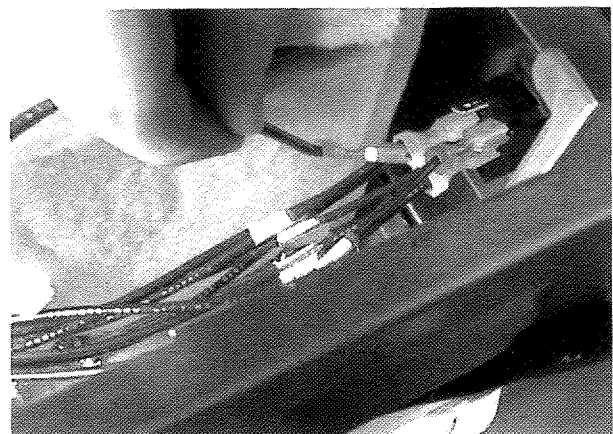


Figure 25

4. Squeeze in on the clips which hold the switch in place and pull out from the front. (See Figure 26)

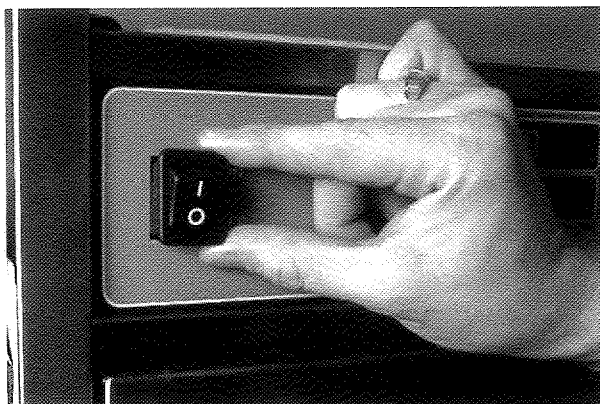


Figure 26

5. Replace with new switch in reverse order.
6. Reconnect power to unit.

HIGH LIMIT REPLACEMENT (CE units only)

Tools: Continuity tester/ Phillips screwdriver

Parts: High Limit Switch

1. Disconnect power to the unit

WARNING: Place the power switch in the OFF position and unplug the power cord. Failure to do so could result in electrical shock.

2. Remove the cabinet cover.
3. Remove the wires to the high limit switch. Check across the terminals. The switch should show continuity. If switch is defective, replace it and proceed with procedures.
4. Remove the two screws holding the high limit to the cabinet, and remove high limit. (See Figure 27)

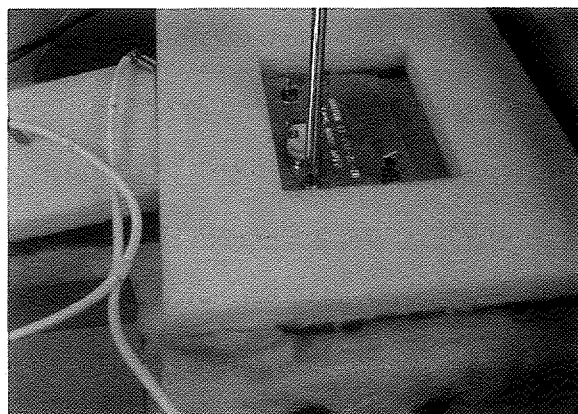


Figure 27

5. Install new high limit and replace the wires.
6. Replace the cabinet cover.
7. Reconnect electrical supply to the cabinet.

ORDERING PARTS

This section identifies and lists the replaceable parts of the Henny Penny Chicken Staging Cabinet.

Use only genuine Henny Penny replacement parts in your cabinet. Using a substitute design may result in cabinet damage or personal injury.

To find items you want to order from the Parts List, proceed as follows:

1. Refer to the photographs in the front of the *Operating Procedures* section and the exploded drawings in the section to identify the part needed.
2. Use the item number from the exploded drawing to locate the corresponding part in the parts list in this section. In this list will be the Henny Penny part number and a description of the part.

How to Order

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

1. From the photography and Parts List.

Item number _____

Part number _____

Description _____

2. From the data plate.

Product number _____

Serial number _____

Voltage _____

3. The following table has been provided as a sample format for you to use in preparing your spare parts orders. By providing all the entries, your distributor will be able to ensure the correct parts will be sent to you.

FROM PARTS LIST			YOUR ORDER		
Item Number	Part Number	Description	Quantity Ordered	Price Each	Total

Product No. _____ Serial No. _____ Voltage _____

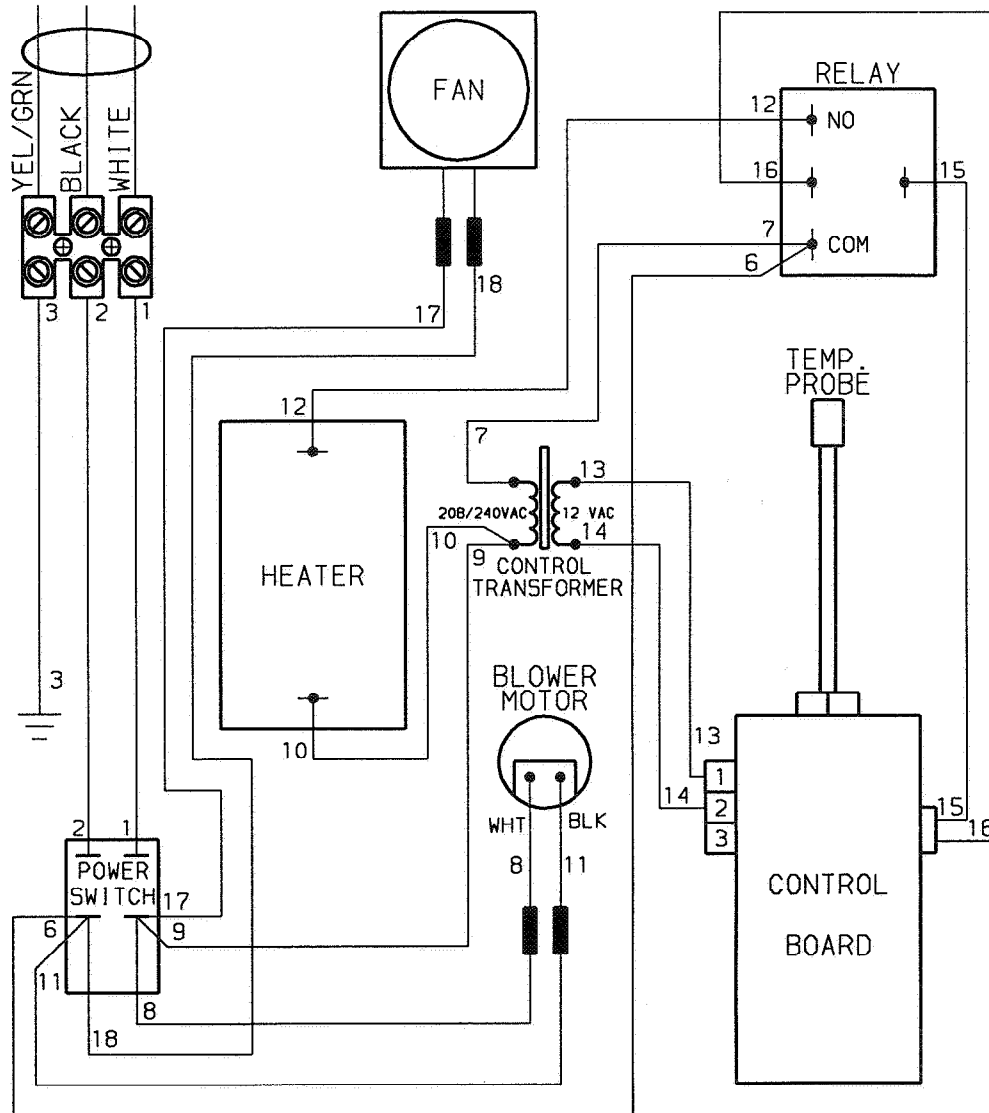
Fill-in for your records.

Commonly replaced items are stocked by your distributor and will be sent when your order is received. Other parts will be ordered by your distributor from Henny Penny Corporation. Normally, these will be sent to your distributor within 3 working days.

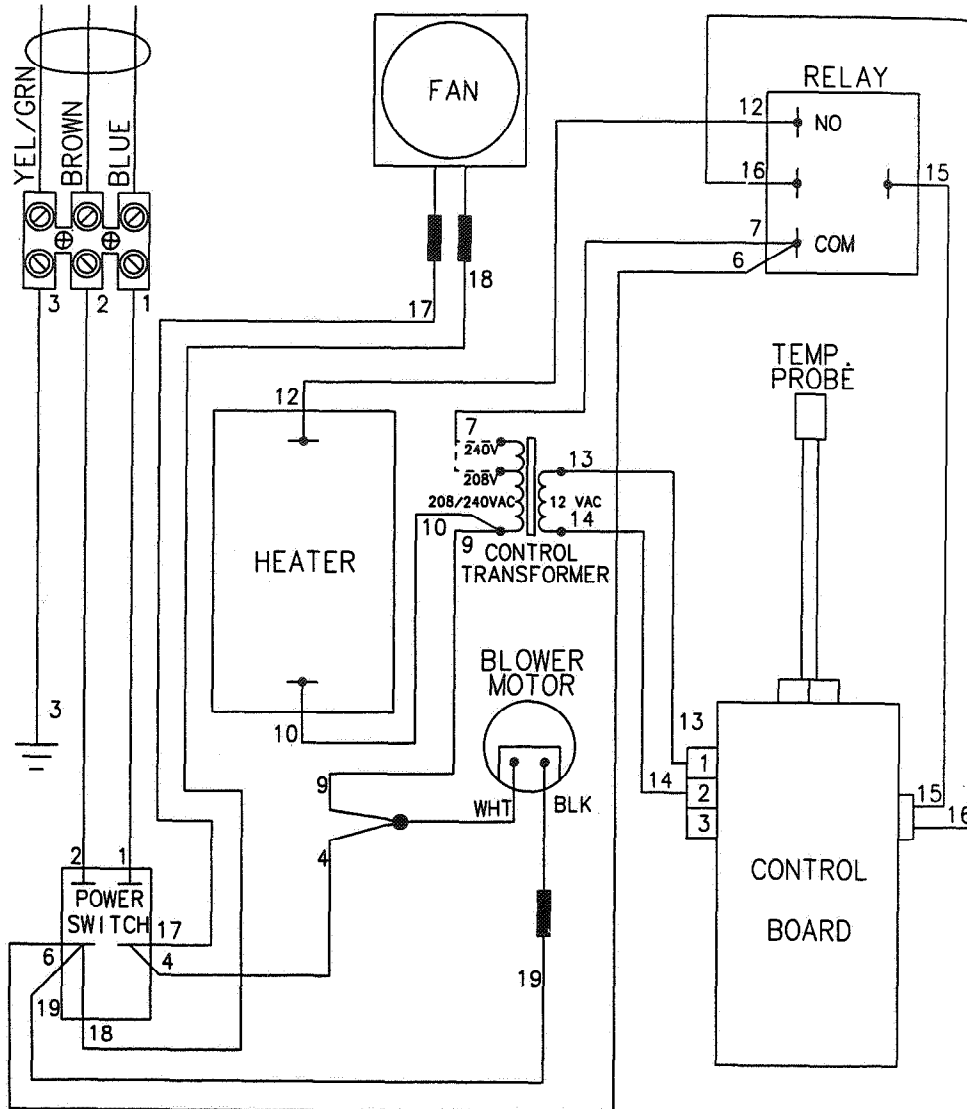
Refer to the warranty statement found at the beginning of this manual.

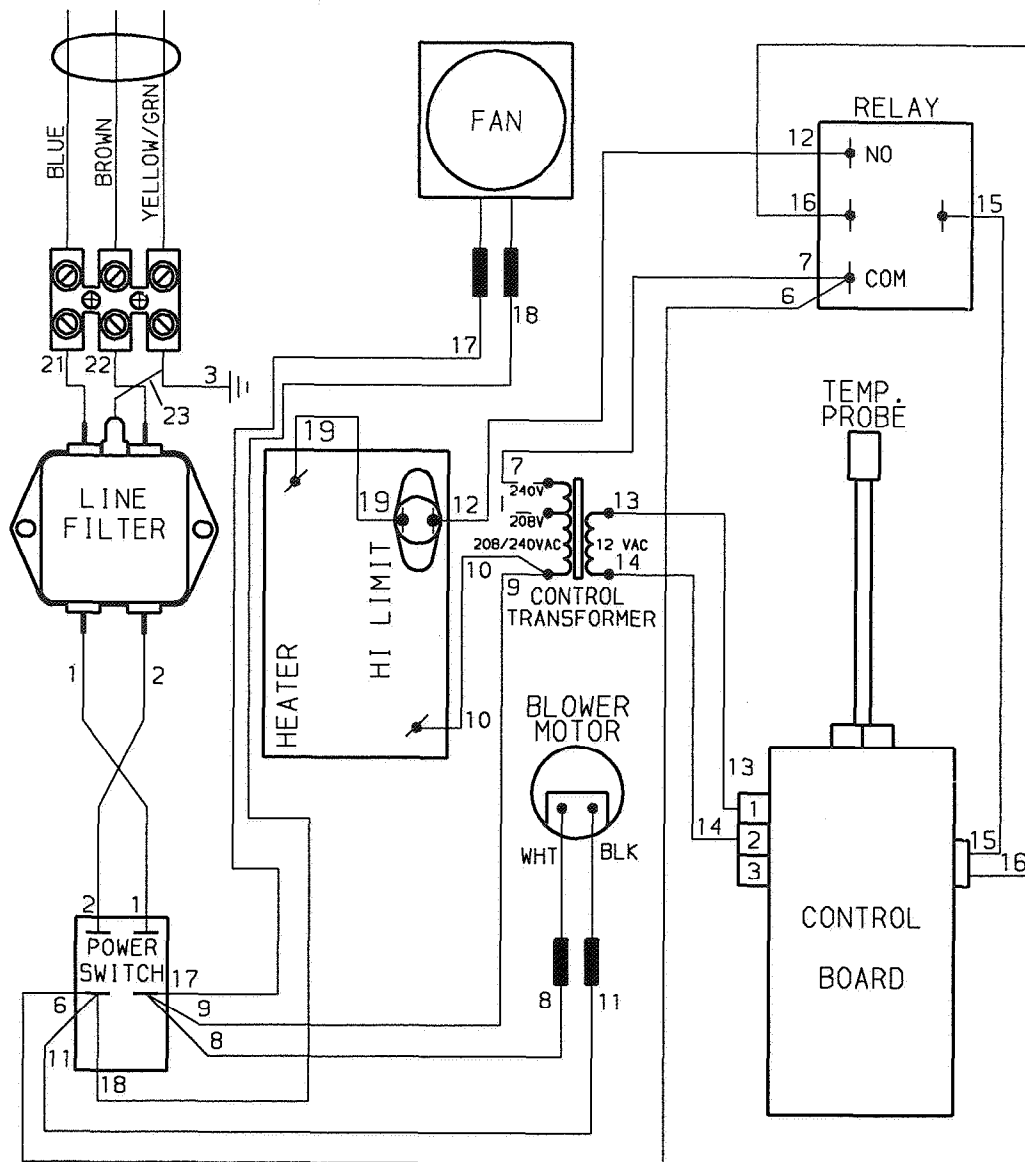
WIRING DIAGRAM

MODEL HC-934 and HC-932
120V 50/60Hz 1PH



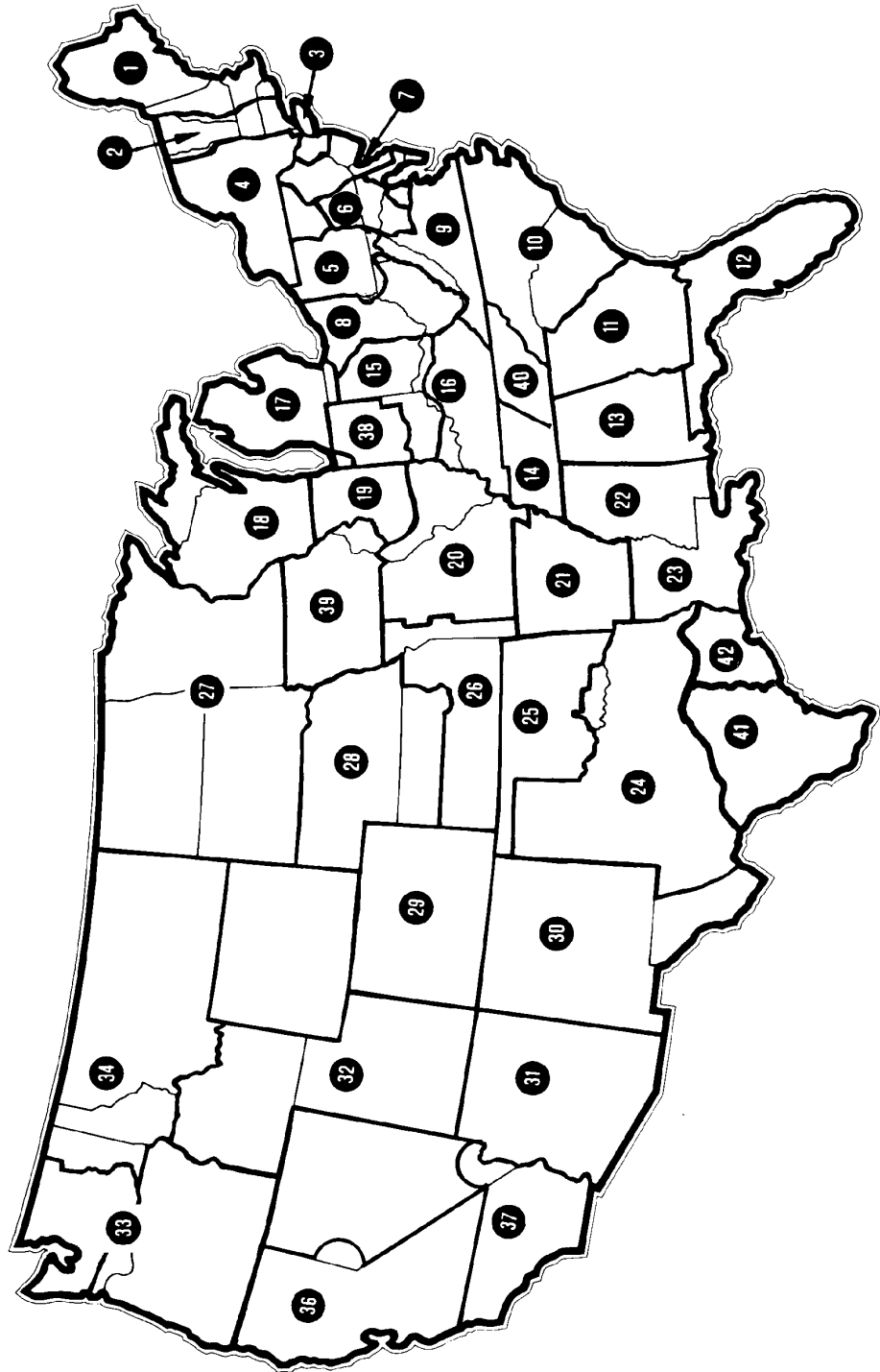
**MODEL HC-934 AND HC-932 W/GREEN
LED HEAT/LIGHT
INTERNATIONAL ONLY
208/240V 50/60Hz 1PH**





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

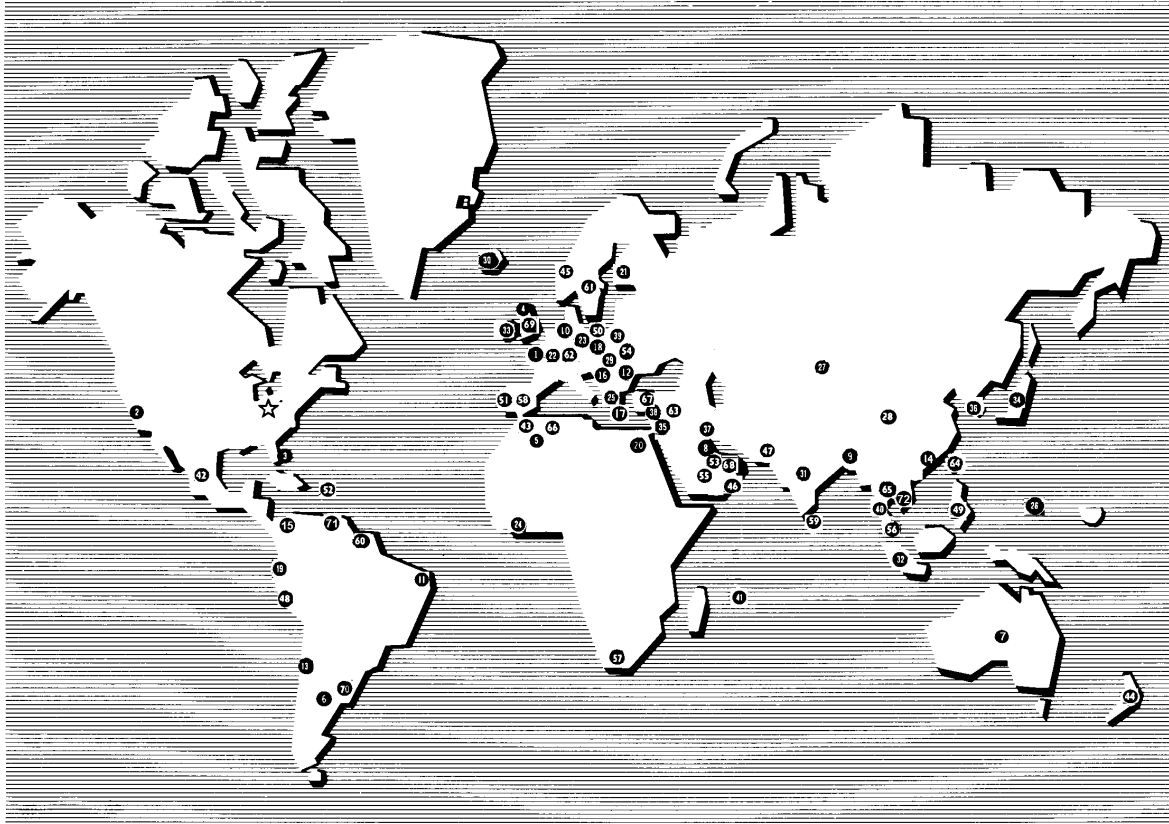
48804



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The Nearest Henny Penny Distributor**

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(615) 242-6451</p> <p>15. St. Clair Supply Company
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Ville St. Laurent
Quebec, Canada H5T 1J2
(514) 735-3627
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|--|--|--|--|

If Further Assistance Is Needed Please Contact: Henny Penny Corporation
1219 U. S. Route 35 West
Eaton, Ohio 45320
1-800-417-8417
Fax 1-800-417-8402



Henny Penny International Distributor Network

Revised 3/00

Henny Penny International Distributor Network

- | | | | | | | | |
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Fax: 937-456-1860 | | Brazil
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Sao Caetano Do Sul - SP
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Fax: 55-11-7690-1466 | | Estonia
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Fax: 571-223-2642 | | Ghana
25. DRT Ghana
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Kanda Estate
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Dundalk, Louth County
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Fax: 353-42-30370 | |
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P.O. Box 25100
Nicosia, Cyprus
Telephone: 357-2-454-380
Fax: 357-2-454-088 | | Guam
27. Pacific Technical Service, Inc.
New Commercial Building
#979 Rt. 16, Suite B-3
Barrigada, Guam 96913
Telephone: 671-0632-5000
Fax: 671-632-3333 | | Japan
36. Toei Kogyo Co. Ltd.
4F, Nissay Nishi-Gotanda
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Nishi-Gatanda 7-Chome
Shinagawa-ku, Tokyo 141-0031
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Telephone: 813-3779-1081
Fax: 813-3779-1638 | |
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Telephone: 973-53-45-39
Fax: 973 53-14-78 | | Czech Republic
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Argentinska 20
CZ 4170 00 Pragues 7
CZECH REPUBLIC
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Fax: 420-2-667-10-557 | | Holland
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Straatveg 85, Postbus 35020
3005 DA Rotterdam, Holland
Telephone: 311-042-23077
Fax: 311-042-23435 | | Jordan
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PO Box 962227
Amman 11196, Jordan
Telephone: 962-6-55-19-610
Fax: 962-6-55-19-605 | |
| Bangladesh
8. Puffin International Ltd.
3691B Elephant Rd.
Swarankika Plaza
4th Floor-Dhaka 1205
Dhaka, Bangladesh
Telephone: 8802-863117
Fax: 880-2-867563 | | Denmark
18. Inter-Gastro A.S.
Midtager 18
2605 Brondby
Denmark DK2605
Telephone: 45-43292000
Fax: 45-43292001 | | Hong Kong
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Flat C, 8/F, Yeung Yiu Chung
Industrial Building #20
Wang Hoi Road
Kowloon Bay, Kowloon,
Hong Kong
Telephone: 852-796-5616
Fax: 852-799-8490 | | Korea
38. Ohjin Corporation
3rd Floor, Hee Jung Building
1635-0 Seocho-dong
Seocho-ku
C.P.O. Box 3252
Seoul 137-070, Korea
Telephone: 82-2-5850441
Fax: 82-2-5874197 | |
| Belgium
9. Engelen-Heere N.V.
Industriepark Terbekehof
Fotografielaan 14
B-2610 Antwerpen (Wilrijk)
Telephone: 323-825-5577
Fax: 323-825-3702 | | Ecuador
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Hotel El Conquistador
Gran Colombia 6-65
Cuenca, Ecuador
Telephone: 593-7-831788
Fax: 593-7-843221 | | Hungary
30. Hotex Service
H-2094 Nagykovacsi
Kossith Lajos u. 1.
Hungary
Telephone: 36-263-56653/89463
Fax: 36-26389463 | | Kuwait
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PO Box 43832 Hawalli
32053 Kuwait
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965-483-01648
Fax: 965-483-4314 | |
| Egypt
20. Con Trade Centre
3A Ramsis Street
Maarof Building #83 & #62
Cairo, Egypt
Telephone: 20 (2) 770642/762551
Fax: 20 (2) 756258 | | | | | | | |

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Fax: 961-9-635-059
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2038 Vilnius, Lithuania
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Fax: 3702-306-533
42. **Malaysia**
SCC Corp. Sdn. Bhd.
19-21 Jalan Hujan
Taman Overseas Union
58200 Kuala Lumpur,
Malaysia
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Fax: 60-3-77818561
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C & H Bartoli Ltd.
232 The Strand
Gzira Gzros, Malta
Telephone: 356-342-584
Fax: 356-342-569
44. **Mauritius Island**
(Mauritius, Reunion Island,
Seychelles)
Hassam Moussa Rawat
10 Bourbon Street
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Port Louis, Mauritius Island
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Fax: 160-230-2080147
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Revillagigedo No. 61 Col Centro
Mexico, D.F. 06070
Mexico
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Fax: 525-510-2791
- Pacific
Micro Herros De Occidente,
S.A. de C.V.
Av. Juan Palamar y Arias
#83 Col. Jardines Vallarta
Zapopan, Jalisco, Mexico
C.P.45020
Mexico: 52-3-629-54-05
Fax: 52-3-673-29-43
- Southeast
Equipo Para El Mercado
S.A. de C.V.
Calle 55 No. 501-B por 60 y 62
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Mexico C.P. 97000
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Fax: 52-99-286649
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Boulevard AHL Lghlam
BP 25698
Sidi Bernoussi - Ain-Sebaa
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Fax: 64 (9) 5730841
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Ruwi, Code 112
SULTANATE OF OMAN
Telephone: 968-703411
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The Equipment Company
Ground Floor, Dadabhoy Centre
Sharea Faisai, Karachi 75530
Pakistan
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Fax: 922-1-587-0456/778-2777
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Jr. Marcos de Aramburu #595
Lima 17, Peru
Telephone: 51-1-226-2124
Fax: 51-1-275-2689
52. **Philippines**
HKR Equipment Corp.
2nd Floor, THC Bldg.
2176 Primo Rivera St.
La Paz, Makati City, Philippines
Telephone: 632-899-4511
Fax: 632-899-4541
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Rydygiera 12
01 793 Warsaw, Poland
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42-22-663-4820/4069
Fax: 48-3912-3373
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Restauratel
AV Da Republica
83 C 1050
243 Lisboa
Portugal
Telephone: 351 7967116/7/8/9
FAX: 351 7933982
55. **Puerto Rico**
Progressive Sales and Service
PO Box 10876
Caparra Heights Station
San Juan, Puerto Rico 00922-0876
Telephone: 787-782-7474
Fax: 787-793-6479
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Tristar Group
C.R. No. 6778
P.O. Box 4746
Doha, Qatar
Telephone: 974-4664433
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57. **Romania**
Delta Technologies Romani S.A.
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Bucharest, D599 Romania
Telephone: 401-220-4261
Fax: 401-220-3990
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115 Main St.
Mishawaka, In. 46544
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58. **Saudi Arabia**
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Development & Economy
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Jeddah 21431, Saudi Arabia
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Fax: 966 (2) 629-1860
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Breeding Systems Co.
C/ Ripoche, 14
35007 Las Palmas
Spain
Telephone: 34-9-28-22-43-86
Fax: 34-9-28-27-56-90
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Block 1, Lorong 8
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Singapore 319053
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- Shopfit (S) Pte. Ltd.
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Fax: 27 (11) 616-8287
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08006 Barcelona, Spain
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Fax: 34-93-218-1782
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1014 Parliament Road
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Telephone: 941-873-0561
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632 29 Eskilstuna, Sweden
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66. **Switzerland**
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Fax: 41-41 761-7210
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Hamra Str. Omyad Building
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Damascus Syria
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Fax: 963-11-331-2252
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