

## SECTION 2. INSTALLATION

### 2-1. INTRODUCTION

This section provides the installation instructions for the Henny Penny Heated Display Cabinet.

#### NOTICE

Installation of this unit should be performed only by a qualified service technician.



**Do not puncture the skin of the unit with drills or screws as component damage or electrical shock could result.**

### 2-2. UNPACKING



**Step 1**

The Henny Penny Heated Display Cabinet has been tested, inspected, and expertly packed to ensure arrival at its destination in the best possible condition. The cabinet has been bolted to a wooden skid. All glass items have been packed in cartons and taped inside the unit and the doors taped shut. The unit is then packed inside a triple wall corrugated carton with sufficient padding to withstand normal shipping treatment.

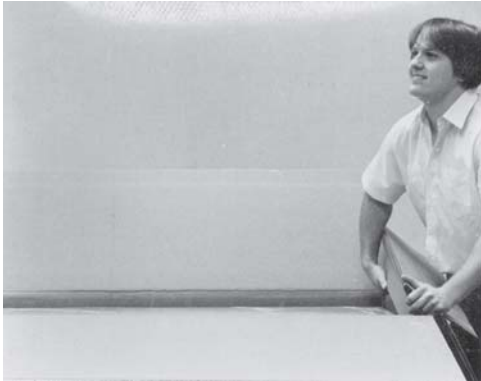
#### NOTICE

Any shipping damages should be noted in the presence of the delivery agent and signed prior to his or her departure.

To remove the Henny Penny Heated Display Cabinet from the carton, you should:

1. Carefully cut banding straps.

**2-2. UNPACKING (Continued)**



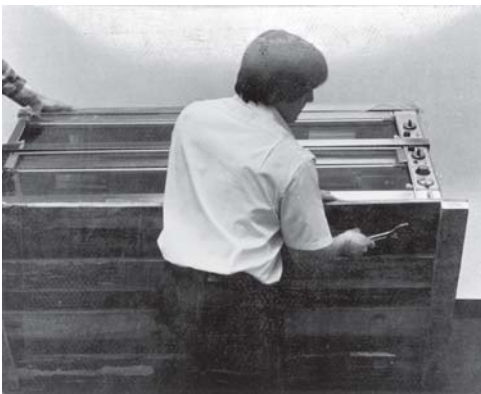
**Step 2**

2. Open top flaps and remove packing.



**Step 3**

3. Lift carton off skid.



**Step 4**

4. Remove four bolts from under skid.

The unit is now ready for location and set-up.

## **2-3. LOCATION**

Place the unit on a table, preferably with a cut-out opening below the cabinet to allow easy service connections and serviceability. When setting up the Henny Penny Heated Display Cabinet, be sure to level the table.

### **NOTICE**

The unit has built-in draining capabilities, but this becomes ineffective when set on an unlevel table.

After the Henny Penny Heated Display Cabinet has been leveled on the table, run a bead of silicone rubber (silicone or equivalent sealant must be a NSF listed material) around the perimeter of the unit sealing it to the table top. You are now ready to make the electrical and drain connections to the unit.

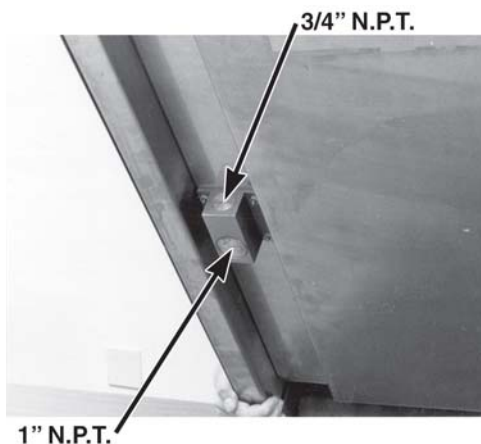
## **2-4. REMOVE CONTROL END PANEL**

1. Remove the seven screws fastening the end panel to the cabinet.
2. Slide bottom of end panel out first allowing top to drop below shelf edge.



**Step 2**

## 2-5. DRAIN CONNECTION



The drain can be connected to a 1 inch N.P.T. directly below the water well or to a 3/4 inch N.P.T. from the operator's side. We recommend the 1 inch N.P.T. connection as this will allow straight down draining of the water.

## 2-6. ELECTRIC CONNECTION

The heated display cabinet is available from the factory wired for 208 or 230 volts, single phase, 3-wire (includes neutral) or three phase, 4-wire (includes neutral) 50 or 60 Hz. service. The proper power service cable must be provided at installation. Check the data plate on the side panel of the control end to determine the correct power supply.



To avoid electrical shock, the cabinet must be adequately and safely grounded (earthed) according to local electrical codes.

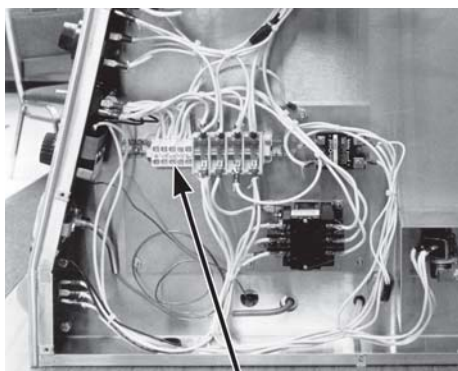
**(FOR EQUIPMENT WITH CE MARK ONLY!)**

To prevent electric shock hazard this appliance must be bonded to other appliances or touchable metal surfaces in close proximity to this appliance with an equipotential bonding conductor. This appliance is equipped with an equipotential lug for this purpose. The equipotential lug is marked with the following symbol



A separate disconnect switch with proper capacity fuses or breakers must be installed at a convenient location between the cabinet and the power source. The field supply wiring to the cabinet should be an insulated copper conductor rated for 600 volts and 90°C.

## **2-6. ELECTRICAL CONNECTION** **(Continued)**

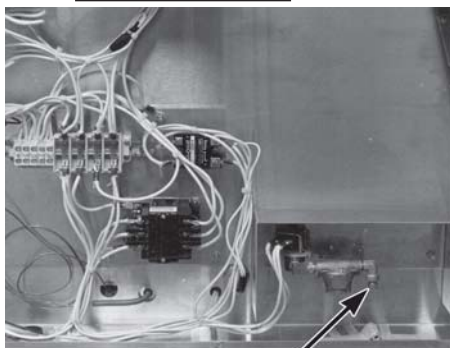


Electric Connection

## **2-7. ELECTRIC DATA TABLE**

<b>Model</b>	<b>Volts</b>	<b>Phase</b>	<b>Watts</b>	<b>Amps</b>
HCW-2	120/230	1	760	4.7
HCW-2	120/208	1	760	4.9
HCS-2	230	1	2852	12.4
HCW-3	120/230	3	3400	10.7
HCW-3	120/230	1	3400	16.3
HCW-3	120/208	3	3400	11.5
HCW-3	120/208	1	3400	17.6
HCW-3	400	3	3400	5.0
HCW-5	120/230	3	4160	12.2
HCW-5	120/230	1	4160	18.0
HCW-5	120/208	3	4160	13.1
HCW-5	120/208	1	4160	19.5
HCW-5	400	3	4160	6.0
HCW-8	120/208	3	8080	26.0
HCW-8	120/208	1	8080	40.0
HCW-8	120/230	3	8080	24.0
HCW-8	120/230	1	8080	35.1
HCW-8	400	3	8080	11.7
HCS-5	120/208	3	8080	22.6
HCS-5	120/208	1	8080	40.0
HCS-5	120/230	3	8080	19.8
HCS-5	120/230	1	8080	35.1
HCS-5	400	3	6680	9.7

## **2-8. WATER SUPPLY CONNECTION**



Water Supply Connection

The electrical power can be connected from the bottom or from the operator's side. There is a 1-3/32 inch diameter hole for either connection. Again, we recommend the bottom connection as this will give a cleaner appearance to the unit. Please observe the electrical connection information on the data plate located on the side panel of the control end.

## **CAUTION**

*Voltage potential of L1 and L2 to ground cannot exceed 125 volts, or damage to the unit could result.*

The automatic water system has a 1/4 inch compression fitting for copper tubing. Hot water would be preferred. We recommend using the automatic water system as this will allow the unit to maintain a more even water temperature and help ensure that the unit never runs dry of water.

A straight-through bulkhead fitting is furnished with the unit for 1/4 inch copper tubing to protect the water line where it passes through the sheet metal.

Reinstall the end panel.

## **2-8. WATER SUPPLY CONNECTION** **(Continued)**

### **NOTICE**

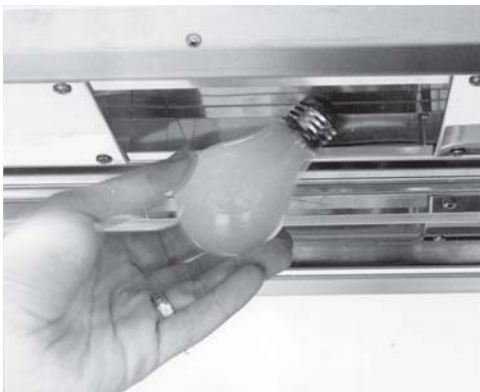
This unit as manufactured requires the installation of an appropriate back-siphoning device (as per National Plumbing Code ASA-A40.8-1955) to be connected to the water inlet line. This device to be connected in accordance to the basic plumbing code of the Building Officials and Code Administrators International, Inc. (BOCA), and the Food Service Sanitation Manual of the Food and Drug Administration (FDA).

A water shut-off valve should be installed in a convenient location.

## **2-9. LIGHT BULBS AND GLASS PANELS**



**Step 1**



**Step 2**

1. Cut the tape holding the doors shut and remove all boxes and boxes and packing. One carton contains the glass panels and the other contains the light bulbs.
2. Install the light bulbs and glass panels.
3. The unit is now ready to be cleaned per instructions in the Operations section of this manual.

### **Replacing Light Bulbs**



Light bulbs and glass may be hot. Severe burns could result.

1. Remove the glass panel by carefully pushing up on back of panel and sliding away from you. The panel will fall into your hand. See photo at left.
2. Remove the light bulb.
3. Replace the light bulb with a Westinghouse #60A19/35, 130 Volt bulb.

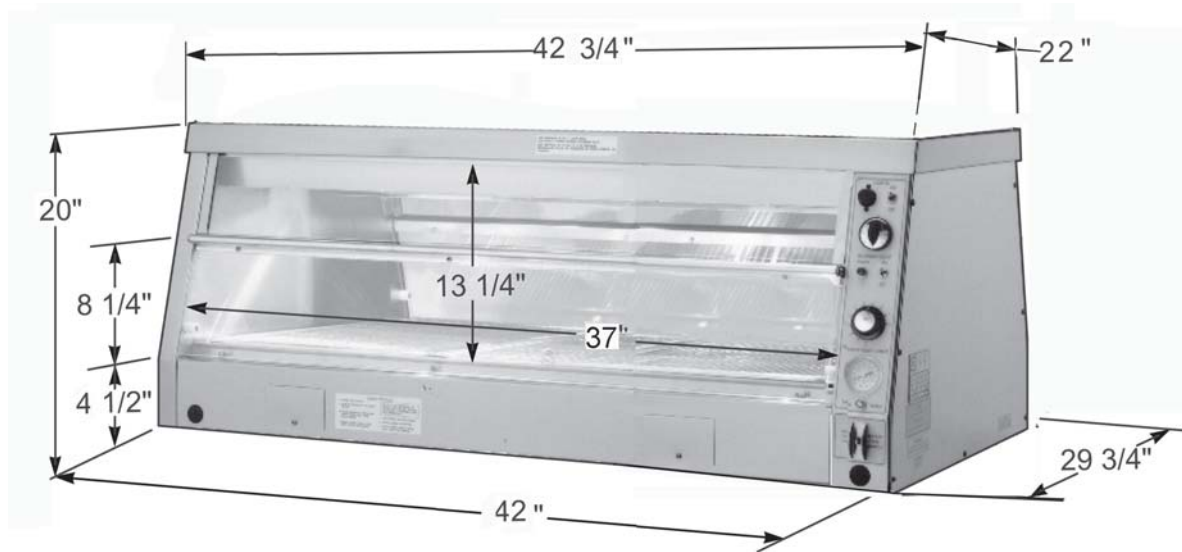
### **NOTICE**

If this bulb is not available, a standard 60 watt bulb will work until a long life bulb can be obtained.

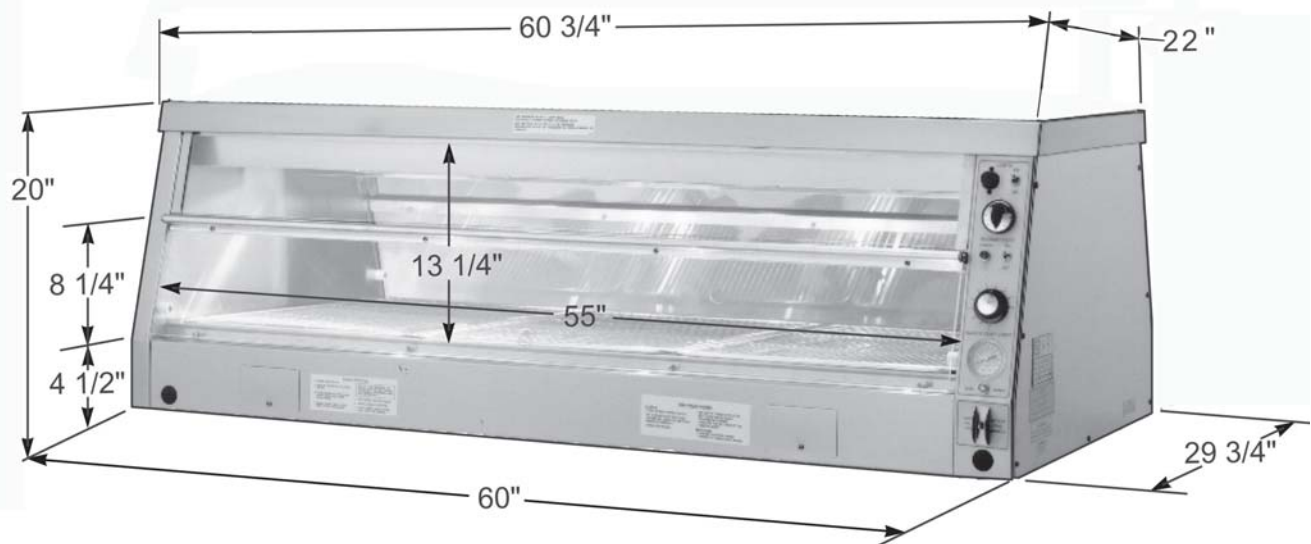
4. Replace the glass panel.



## 2-10. CABINET DIMENSIONS



**Model HCS-2**



**Model HCW-3**

**2-10. CABINET DIMENSIONS**  
**(Continued)**

