SECTION 3. OPERATION

3-1. OPERATING
     INSTRUCTIONS

NOTICE

Before using, the unit should be thoroughly cleaned as indicated in the Cleaning Instructions Section of this manual.

1.   To put the SCD into operation, turn the POWER switch to the ON position. The display shows the setpoint temperature.

NOTICE

If the timer was running at power down, the remaining time shows on the display when the power is turned back on.

2.   Once the unit has heated up, the temperature LED comes on and product can now be loaded into the unit.

3.   Once product is loaded into the unit, press the TIMER button to start the timer.

4.   At the end of the timing cycle, the display flashes "00:00" and the timer LED flashes. Press the TIMER button to end the cycle.

NOTICE

If humidity is desired, water may be added to the drip pan.

Press and hold the TEMP button at any time to view the actual cabinet temperature.

3-2. CLEANING INSTRUCTIONS

1. Turn controls to OFF position.

2. Disconnect electrical supply to the cabinet.

⚠ WARNING
BURN RISK

To avoid severe burns, allow the unit to cool before cleaning.

3. Open doors and remove all racks, and drip pan from unit.

4. Clean racks, and drip pan thoroughly.

5. Clean the interior and exterior with a soft cloth, soap and water.

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, and glass material, and shorten the life of the unit.

Do not use a water jet (pressure sprayer) to clean the unit, or component failure could result.

6. Wipe control panel with a damp cloth.

7. Leave doors open overnight to allow thorough drying.

3-3. PROGRAMMING INSTRUCTIONS

Temperature Setpoint
1. Press and hold the TEMP button for 6 seconds. The actual temperature shows first followed by the flashing setpoint. (If display shows "LOC" see Special Program Mode section.)

2. Once the setpoint is flashing, continue to hold the TEMP button and press the UP and DOWN buttons to set the desired temperature.

3. Release the TEMP button and the control regulates the temperature to the new setpoint.

3-3. PROGRAMMING INSTRUCTIONS (Continued)

Timer Programming

1. With the timer not running, press and hold the TIMER button. (If the display shows "LOC", see Special Program Mode section.)

2. While holding in on the TIMER button, use the UP and DOWN buttons to set the desired timer setting.

3. Once the desired timer value is reached, release the TIMER button and the new timer value is saved.

Running Timer Changing

1. If a timer is running and its value needs to be changed, press and hold the running timer button. (If the display shows "LOC", see Special Program Mode section.)

2. While holding in on the TIMER button, use the UP and DOWN buttons to set the desired timer setting.

3. Once the desired timer value is reached, release the TIMER button and the new timer value continues counting down.

After the running timer has timed out, the timer resets to the previous setpoint value, and is started for the next cycle.

3-4. SPECIAL PROGRAM MODE

Fahrenheit or Celsius

1. Turn the POWER switch off.

2. Press and hold both the UP and DOWN buttons and turn the POWER switch back on. Hold in on the UP and DOWN until "SP" shows on the display, then release the buttons. "°F" (Fahrenheit) or "°C" (Celsius) shows on the display.

3. Press and release the UP or DOWN buttons to toggle from "°F" to "°C", or vice versa.

4. Press and hold the SET button to save the new value and to exit the Special Program Mode.

3-4. SPECIAL PROGRAM MODE
(Continued)

Program Lock or Unlock
The controls can be locked or unlocked. Locked controls means temperature and timer setpoints cannot be changed, until the controls are unlocked.

1. Turn the POWER switch off.

2. Press and hold both the UP and DOWN buttons and turn the POWER switch back on. Hold in on the UP and DOWN until "SP" shows on the display, then release the buttons. "°F" (Fahrenheit) or "°C" (Celsius) shows on the display.

3. Press and release the SET button and "P=U" or "P=L" shows on the display. P=U is unlocked, and P=L is locked.

4. Press the UP or DOWN buttons to toggle from P=U to P=L or vice versa.

5. Press and hold the SET button to save the new value and to exit the Special Program Mode.

Hours or Minutes
The timer display can be programmed to show hours/minutes or minutes/seconds by the following procedures.

1. Turn the POWER switch off.

2. Press and hold both the UP and DOWN buttons and turn the POWER switch back on. Hold in on the UP and DOWN until "SP" shows on the display, then release the buttons. "°F" (Fahrenheit) or "°C" (Celsius) shows on the display.

3. Press and release the SET button twice. "H=Y" or "H=n" shows in the display. H=Y means yes, the display is to show hours, and H=n means no, minutes will be displayed.

4. Press the UP or DOWN buttons to toggle from H=Y to H=n or vice versa.

5. Press and hold the SET button to save the new value and to exit the Special Program Mode.

3-4. SPECIAL PROGRAM MODE (Continued)

Temperature Calibration
To calibrate the cabinet temperature to the displayed temperature, follow these procedures:

1. Turn the POWER switch off.
2. Press and hold both the UP and DOWN buttons and turn the POWER switch back on. Hold in on the UP and DOWN until "SP" shows on the display, then release the buttons.
     "°F" (Fahrenheit) or "°C" (Celsius) shows on the display.
3. Press and release the SET button 3 times and "CAL" shows on the display.
4. Press and hold the TEMP button and the actual temperature is displayed.
5. While holding in on the TEMP button, press the UP and DOWN buttons to calibrate the cabinet to the correct temperature.

NOTICE

   Allow the cabinet to heat for 1 to 1 1/2 hours, and the temperature to become stable, before calibrating.

6. Press and hold the SET button to save the new value and to exit the Special Program Mode.

Initialization
Initializing the controls resets the PC board to the factory settings.

1. Turn the POWER switch off.

2. Press and hold both the UP and DOWN buttons and turn the POWER switch back on. Hold in on the UP and DOWN until "SP" shows on the display, then release the buttons. "°F" (Fahrenheit) or "°C" (Celsius) shows on the display.

3. Press and release the SET button 4 times and "In-" shows on the display.

4. Press and hold the UP or DOWN button and the display message counts down "In-3", "In-2", "In-1", "In-", "SYS". Release the UP or DOWN button and the control is now set to factory settings. The control returns to normal operation.

3-4. SPECIAL PROGRAM MODE
    (Continued)

Output Tests

In the output test mode, the elements, LEDs, and display digits can be tested.

1. Turn the POWER switch off.

2. Press and hold both the UP and DOWN buttons and turn the POWER switch back on. Hold in on the UP and DOWN until "SP" shows on the display, then release the buttons. "°F" (Fahrenheit) or "°C" (Celsius) shows on the display.

3. Press and release the SET button 5 times and "OP" shows in the display.

4. Press the TEMP button to toggle the heat output off and on. The LED above the TEMP button lights when the output is on.

5. Press the UP button to toggle the display digits and LEDs off and on.

6. Press and hold the SET button to exit the Special Program Mode.

NOTICE

Press and hold the SET button at any time to exit the Special Program Mode.

3-5. LIGHT BULB
    REPLACEMENT

⚠ CAUTION
BURN RISK

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

Figure 3-1

1. Unscrew the lamp cover. (Figure 3-1).

2. Unscrew and remove light bulb, and replace with a new 40 watt bulb - HP part number, BL01-014.

3. Replace lamp cover.