

## Blanket Warmer

P-2055



**MN-39925**

REV.07  
8/25



# Manufacturer's Information

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|                              |                                                                                                                                                                                                                                        |
|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
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| <b>Trademarks</b>            | All trademarks referenced in this documentation are the property of their respective owners.                                                                                                                                           |
| <b>Manufacturer</b>          | Pedigo Products, Inc.<br>4000 S.E. Columbia Way<br>Vancouver, WA 98661, USA<br>1-800-822-3501<br><a href="http://www.pedigo-usa.com">www.pedigo-usa.com</a>                                                                            |
| <b>Original instructions</b> | The content in this manual is written in American English.                                                                                                                                                                             |



# Thank you for your Purchase!

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This warmer has been thoroughly tested and inspected to ensure only the highest quality is provided. We supply the most durable, convenient, efficient and safe warming equipment on the market. All warmers are manufactured and fully inspected in the USA with a commitment to quality.

## Pedigo Repair Service

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### Call

Call 800-822-3501 to reach our service call center for access to local authorized service agencies. This service is provided exclusively for Pedigo Product, Inc. equipment and is available throughout the United States. Our call center is available M-F 7:00 am to 5:00 p.m. PST.

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# The Meaning of Signal Words

This manual contains signal words where needed. These signal words must be obeyed to reduce the risk of death, personal injury, or equipment damage. The meaning of these signal words is explained below.

**DANGER**

Danger indicates a hazardous situation which, if not avoided, will result in serious injury or death.

**WARNING**

Warning indicates a hazardous situation which, if not avoided, could result in serious injury or death.

**CAUTION**

Caution indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.

**NOTICE**

Notice indicates a situation which, if not avoided, could result in property damage.



**NOTE:** Note indicates additional information that is important to a concept or procedure.

# Safety Precautions

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## Before you begin

Read and understand all instructions in this manual.

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## Electrical precautions

Obey these electrical precautions when using the warmer:

- Connect the warmer to a properly grounded outlet. Do not use the warmer if it is not properly grounded. Consult an electrician if there is any doubt that the outlet used is properly grounded.
  - Keep the cord away from hot surfaces.
  - Do not attempt to service the warmer or its cord and plug, when plugged in.
  - Do not operate the warmer if it has a damaged cord or plug.
  - Do not immerse the cord or plug in water.
  - Do not let the cord hang over the edge of a table or counter.
  - Do not use an extension cord.
- 

## Usage precautions

Obey these usage precautions when using the warmer:

- Only use this warmer for its intended use of warming medical solution bags, bottles, and/or blankets. Follow facility and solution manufacturer guidance regarding warming temperature for any item to be placed in the warmer.
  - Do not use this warmer for warming blood or blood products.
  - Do not cover or block any of the openings of this warmer.
  - Do not use this warmer in a wet location.
  - Only clean the warmer when the power cord is unplugged.
  - Do not use corrosive chemicals when cleaning the warmer.
  - Do not use the warmer cavity for storage.
  - Do not remove exterior panels from the warmer or attempt repairs. The warmer has no user-serviceable internal components. Only perform routine cleaning and maintenance procedures specifically described in this manual. Inspection and servicing of internal components must only be performed by qualified service personnel.
  - Only a qualified Pedigo service representative may make modifications to the warmer. Modifications to the warmer could be hazardous to users and patients.
- 

## Operator training

All personnel using the warmer must have proper operator training. Before using the warmer:

- Read and understand the operating instructions contained in all the documentation delivered with the warmer.
  - Know the location and proper use of all controls.
  - Keep this manual and all supplied instructions, diagrams, schematics, parts lists, notices, and labels with the warmer if the warmer is sold or moved to another location.
-

**Operator qualifications**

Only trained personnel with the following operator qualifications are permitted to use the warmer:

- Have received proper instruction on how to use the warmer.
- Are familiar with the purpose, limitations, and associated hazards of the warmer.

---

The warmer must not be used by:

- People impaired by drugs or alcohol.
- 

**Condition of warmer**

Only use the warmer when:

- All controls operate correctly.
  - The warmer is installed correctly.
  - The warmer is clean.
  - The warmer labels are legible.
- 

**Servicing the warmer**

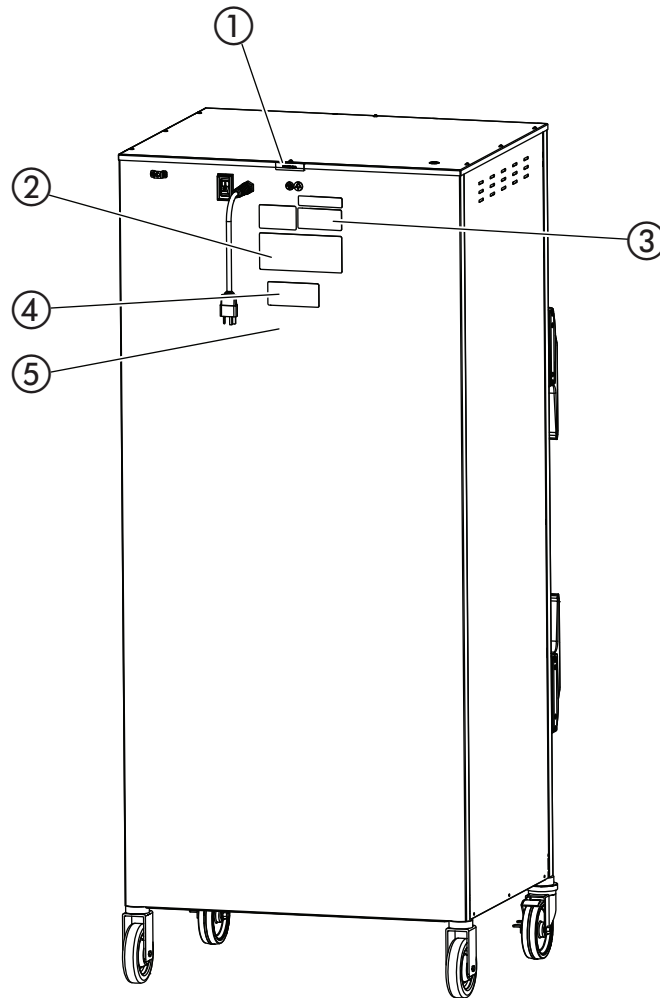
- Obey precautions in the manual, on tags, and on labels attached to or shipped with the warmer.
  - Only trained personnel are permitted to service or repair the warmer. Repairs that are not performed by a trained technician, or the use of non-factory parts, will void the warranty and relieve all liability.
  - Any troubleshooting guides and components views included with this manual are for reference only and are intended for use by qualified and trained service technicians.
  - To prevent serious injury, death or property damage, have the warmer inspected and serviced at least every twelve (12) months by a trained technician.
  - Contact Pedigo for the authorized service partner in your area.
- 

**Incident notice**

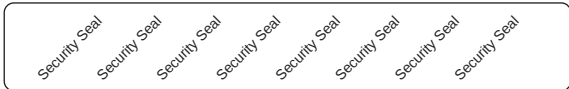
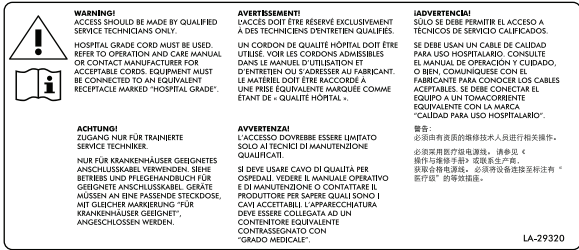
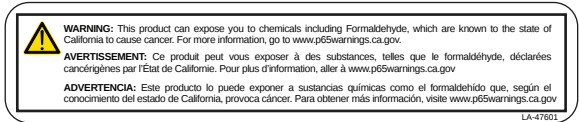
- Any serious incident that has occurred in relation to the warmer should be reported to the manufacturer and the competent authority of the Member State in which the user and/or patient is established.

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# Label Locations



EC-PHD-004935

|   |                                                                                     |                                                                                                                                                                                                                                                           |
|---|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 |    | Security seal                                                                                                                                                                                                                                             |
| 2 |    | Electrical warning label                                                                                                                                                                                                                                  |
| 3 |    | Pedigo contact information                                                                                                                                                                                                                                |
| 4 |   | Quality inspected                                                                                                                                                                                                                                         |
| 5 |  | <p><b>WARNING</b></p> <p>This product can expose you to chemicals including Formaldehyde, which are known to the state of California to cause cancer. For more information, go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>.</p> |

# Specification Information

|                                |                                                                     |
|--------------------------------|---------------------------------------------------------------------|
| <b>Model</b>                   | <b>P-2055</b>                                                       |
| <b>Intended use</b>            | Warming blankets                                                    |
| <b>Weight</b>                  | Net: 347 lb (157 kg)<br>Ship: 404 lb (183 kg)                       |
| <b>Storage cavity capacity</b> | 60–70 blankets<br>(20.6 ft <sup>3</sup> )                           |
| <b>Temperature range</b>       | 60°F to 160°F (16°C to 71°C)                                        |
| <b>Clearance requirements</b>  | 4" (102mm) from rear<br>4" (102mm) from top<br>2" (51mm) from sides |

## Transportation and storage conditions

- Ambient temperature range of -40°F to +159°F (-40°C to +70°C).
- Relative humidity range of 10% to 95%, non-condensing.
- Atmospheric pressure range of 7.25 psi to 15.37 psi (50kPa to 106kPa).

## Operating conditions

- The warmer must acclimate to the room temperature it will be placed—24 hours is recommended.
- The recommended environmental temperature range is 60°F to 90°F (15°C to 32°C).
- The recommended relative humidity is above 20%, non-condensing.

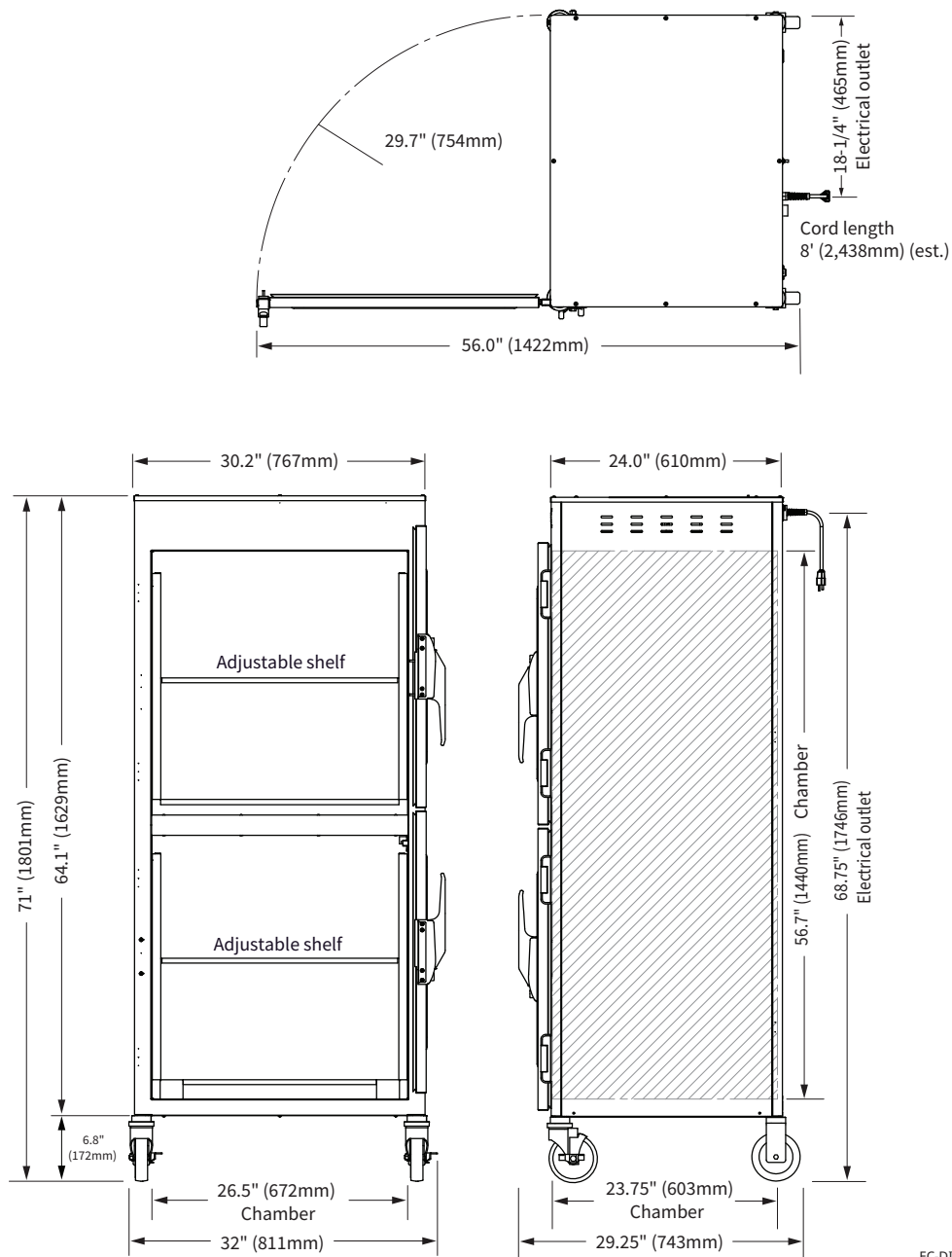
## Standards for electrical equipment

- Laboratory equipment listed by Underwriters Laboratories with respect to electrical shock, fire, and mechanical hazards only, in accordance with UL 60601-1 and CAN/CSA C22.2 No. 601.1.
- Grounding reliability can only be achieved when the appliance is connected to an equivalent receptacle marked "Hospital Grade."
- IP-XO ordinary



# Dimension Drawings

## P-2055



EC-DIM-004924

# How to Unpack the Warmer



**WARNING:** Crushing hazard.

An unstable warmer can lead to a crushing hazard. Observe your facility's best practices for moving large equipment.

## Before you begin

### Make sure you have:

- Reviewed the warmer specifications.
- An appropriate lifting device and enough personnel to safely move and position the weight of the warmer.
- Cutting tools to remove the packaging.

## Unpack the warmer

To unpack the warmer, do the following.

| Step | Action                                                                                                                                                                                                                                                                                                           |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.   | <b>Remove</b> the box or crate. <b>Save</b> all packing materials for inspection by the carrier.                                                                                                                                                                                                                 |
|      | <div>  <p><b>NOTE:</b> Examine the warmer for damage. If the warmer has been damaged, do not use the warmer until it has been inspected by an authorized service provider. Contact your carrier or customer service.</p> </div> |
| 2.   | <b>Cut and remove</b> the retaining straps and plastic wrap.                                                                                                                                                                                                                                                     |
| 3.   | <b>Remove</b> the warmer from the pallet using an appropriate lifting device.                                                                                                                                                                                                                                    |
| 4.   | <b>Remove</b> the paperwork from the cavity.                                                                                                                                                                                                                                                                     |

## Result

The warmer is now unpacked.

# How to Install the Warmer

## Before you begin

**Make sure** you have:

An appropriate lifting device and enough personnel to safely move and position the weight of the warmer.

## Requirements

- The warmer must be installed on a level surface.
- The warmer must not be installed in any area where it may be affected by steam, dripping water, high temperature, or any other severely adverse conditions.

## Voltages

| Model  | V   | Ph | Hz    | kW  |
|--------|-----|----|-------|-----|
| P-2055 | 120 | 1  | 50/60 | 1.8 |

## Position the warmer

To position the warmer, do the following.

| Step | Action                                                                                                                                                                                                                                                                                                                                                                                       |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.   | <b>Make sure</b> that: <ul style="list-style-type: none"> <li>■ The location where the warmer is being installed is rated to support the weight of the warmer;</li> <li>■ The warmer is within five feet of the appropriate electrical outlet;</li> <li>■ You follow the warmer clearance guidelines. Refer to topic <i>Specification Information</i> for clearance requirements.</li> </ul> |
| 2.   | <b>Move</b> the warmer to the installation location and onto the final resting surface.                                                                                                                                                                                                                                                                                                      |
| 3.   | <b>Lock</b> the casters, if equipped.                                                                                                                                                                                                                                                                                                                                                        |

The warmer is now correctly positioned.

## Connect power

To connect electric power to the warmer, do the following.

|    |                                                   |
|----|---------------------------------------------------|
| 4. | <b>Connect</b> the plug to the electrical outlet. |
|----|---------------------------------------------------|

## Result

The warmer is now installed and ready to be used.

# Preparing the Warmer for First Use

## Before you begin



**CAUTION:** Burn hazard.  
Allow the warmer to cool before cleaning.

### NOTICE

Do not use:

- abrasive cleaning compounds.
- chloride based cleaners.
- commercial or household cleaners containing ammonia.

## Procedure

To prepare the warmer for first use, do the following.

| Step | Action                                                                                                                                                                                                            |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.   | <b>Make sure</b> that the warmer is turned off and cool.                                                                                                                                                          |
| 2.   | <b>Wipe</b> the outside of the warmer: <ul style="list-style-type: none"><li>■ with a stainless steel cleaner, if stainless steel panels.</li><li>■ with an approved cleaning agent, if painted panels.</li></ul> |
| 3.   | <b>Clean</b> the interior of the warmer with a damp cloth or approved cleaning agent.                                                                                                                             |
| 4.   | <b>Dry</b> the interior and exterior of the warmer with a clean, lint-free cloth.<br><b>Leave</b> the door open until the interior of the warmer completely dries.                                                |
| 5.   | <b>Clean</b> each side of the window pane with glass cleaner or distilled vinegar.                                                                                                                                |

## Result

The warmer is now ready for use.

# How to Turn On and Turn Off the Warmer

## Before you begin

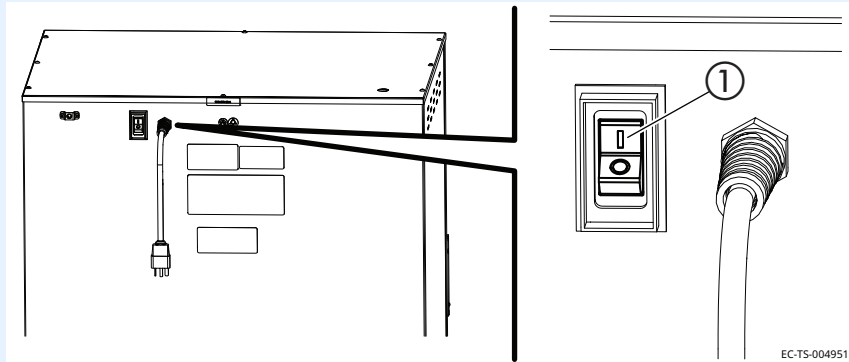
The warmer must be connected to electric power.

## Turning on the warmer

To turn on the warmer, do the following.

| Step | Action                                                                                                                                                                                                                          |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.   | Set the power switch ① to the ON (I) position.                                                                                                                                                                                  |
| 2.   | The screen turns on.                                                                                                                                                                                                            |
| 3.   | Rotate the Temperature Control Knob ② to the off (vertical) position. The screen will display "0°F" or "0°C". Set the power switch to the OFF (O) position. The screen will not turn off unless the power switch is turned off. |

1. Set the power switch ① to the ON (I) position.



2. The screen turns on.



**NOTE:** A temporary odor may be noticeable upon initial start-up of the warmer. Contact the manufacturer if the odor persists after a day or more of continuous use.

The warmer is now on.

## Turning off the warmer

To turn off the warmer, do the following.

3. Rotate the Temperature Control Knob ② to the off (vertical) position. The screen will display "0°F" or "0°C". Set the power switch to the OFF (O) position. The screen will not turn off unless the power switch is turned off.



**NOTE:** If equipped, the fan will continue to operate after the warmer is turned off.

The warmer is now off.

# How to Operate the Blanket Warmer

## Before you begin

The warmer must be connected to electric power and turned on.

Overloading or covering the sensor can potentially cause an error code and sensor may fail prematurely.



**WARNING:** Personal injury hazard.

Do not operate the warmer in the presence of a flammable anesthetic mixture with air, oxygen, or nitrous oxide; in oxygen-enriched environments; or in any other potentially explosive environment.



**WARNING:** Personal injury hazard.

Make sure the blanket support assembly and shelves are installed to prevent the blankets from being scorched or discolored.

**NOTICE**

Do not overload the cavity.

Allow 1" (25mm) between the blankets and the interior walls and 3" (76mm) between the top of the blankets and the sensor.

## Procedure

To operate the warmer, do the following.

| Step | Action                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.   | <p><b>Set</b> the temperature in 5° increments using the Temperature Control Knob .</p> <p>The Temperature Display LED  will illuminate when the control is heating the unit.</p> <p><b>NOTE:</b> The temperature set-point range is 60°F to 160°F (16°C to 71°C).</p> |
| 2.   | <p><b>Open</b> the door and load the dry, cotton blankets into the warmer.</p> <p><b>Close</b> the door.</p> <p><b>NOTICE</b> Do not warm items containing plastic, rubber, metal snaps, studs, hooks, etc.</p>                                                                                                                                                                                                                              |

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## To toggle between Set and Actual Temperature

Factory default is to display Set Temperature in the screen. To toggle the screen between Set Temperature and Actual Temperature, do the following.

3. With the control ON, **press and hold** the Temperature Display Button  for 5 seconds. The screen will display "ACT", then show the Actual temperature.
4. Repeat to toggle to Set Point "SET".
5. **Press** the Temperature Display Button  at any time to display the alternate temperature.
6. **Rotate** the blankets daily from the bottom to the top of the load to ensure equal heating and to prevent discoloration.

## Result

The blankets are now warming.

# How to Change the Temperature Scale

## Before you begin

The warmer must be connected to electric power.

## To toggle between Fahrenheit and Celsius

The factory default is Fahrenheit. To change to Celsius, do the following.

| Step                                                                                                                                                                                                           | Action                                                                                                                                                                                                                                                                                                                                    |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.                                                                                                                                                                                                             | With the control OFF (i.e., The Temperature Control Knob  set to the OFF [vertical] position), <b>press and hold</b> the Temperature Display button  for 5 seconds. |
| 2.                                                                                                                                                                                                             | The screen will display “°C” for 3 seconds to verify selection and then display the temperature in °C.                                                                                                                                                                                                                                    |
| 3.                                                                                                                                                                                                             | Repeat to toggle to Fahrenheit.                                                                                                                                                                                                                                                                                                           |
|  <b>NOTE:</b> With a power failure, the control will retain the °C or °F setting selected by the user when power is restored. |                                                                                                                                                                                                                                                                                                                                           |

## Result

The temperature scale has now been changed.

# How to Lock and Unlock the Controller

## Before you begin

The warmer must be turned on (screen is on).

## Background

The controller can be locked to prevent changes being made to the temperature set-point.

## Locking the controller

To lock the controller, do the following.

| Step | Action                                                                                                                                                                                                                                                                                                                                                                                               |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.   | <p><b>Press</b> the Control Lock button  and the Temperature Display button  at the same time.</p> <p>The Digital Display  will read "LOC".</p> |

## Unlocking the controller

To unlock the controller, do the following.

|                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2.                                                                                                                                                                        | <p><b>Press</b> the Control Unlock button  and the Temperature Display button  at the same time. The controller is now unlocked and will adjust temperature to the current Temperature Control Knob  setting.</p> |
| <p> <b>NOTE:</b> The Digital Display will not indicate the controller is unlocked.</p> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

## Result

The controller has now been locked or unlocked.

# Maintenance Schedule



**NOTE:** Do not remove exterior panels from the warmer or attempt repairs. The warmer has no user-serviceable internal components. Only perform routine cleaning and maintenance procedures specifically described in this manual.

## Daily

For daily maintenance, do the following.

### Check:

- the air vents in the airflow insert panels are not obstructed (if applicable).
- all fan guards are clear and not obstructed (if applicable).
- the number of bottles/bags, or blankets as applicable do not exceed the maximum capacity per shelf or basket.

### Clean:

- any spills with a clean, lint free cloth. See topic *How to Clean the Warmer* for the list of approved cleaners.

## Monthly

For monthly maintenance, do the following.

### Check:

- the door gasket for tears and holes. Make sure that it is firmly attached to the door. Check the seal when the door is closed.
- the guards around the air temperature sensor are in place and fully secure to the warmer.
- the hardware securing the warmer(s) to the wall, if applicable.

### Clean:

- the outside of the warmer with stainless steel cleaner. See topic *How to Clean the Warmer* for the list of approved cleaners.
- vacuum (if applicable):
  - fan openings
  - fan sail switch
  - vent openings

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## Yearly

For yearly maintenance, do the following.

### Check:

- the set-point temperature compared to the actual temperature displayed.
  - Check the cavity air temperature with a thermocouple placed 1" (25mm) from the cavity sensor. Do not allow the thermocouple to touch any surface. Monitor the temperature for approximately one hour in an empty cavity.
- the condition of the plug and cord and replace if damaged.
- the controller screen for excessive wear. Make sure the controller screen displays and operates properly.

### Clean:

- the shelves and interior of the warmer. See topic *How to Clean the Warmer* for the list of approved cleaners.

# How to Clean the Warmer

## Before you begin



**WARNING:** Electric shock hazard.  
Disconnect the warmer from electric power before cleaning.



**CAUTION:** Burn hazard.  
Allow the warmer to cool before cleaning.

### NOTICE

Do not use:

- abrasive cleaning compounds.
- chloride based cleaners.
- commercial or household cleaners containing ammonia.
- cleaners containing quaternary salts.

## Monthly cleaning procedure

To clean the warmer monthly, do the following.

| Step | Action                                                                                                                                                             |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.   | <b>Make sure</b> that the warmer is disconnected from electric power and cool.                                                                                     |
| 2.   | <b>Wipe</b> the outside of the warmer with a stainless steel cleaner.                                                                                              |
| 3.   | <b>Vacuum</b> lint from fan openings, fan sail switch, and vent openings (if applicable).                                                                          |
| 4.   | <b>Clean</b> the interior of the warmer with a damp cloth.                                                                                                         |
| 5.   | <b>Dry</b> the interior and exterior of the warmer with a clean, lint-free cloth.<br><b>Leave</b> the door open until the interior of the warmer completely dries. |
| 6.   | <b>Clean</b> each side of the window pane with glass cleaner or distilled vinegar.                                                                                 |

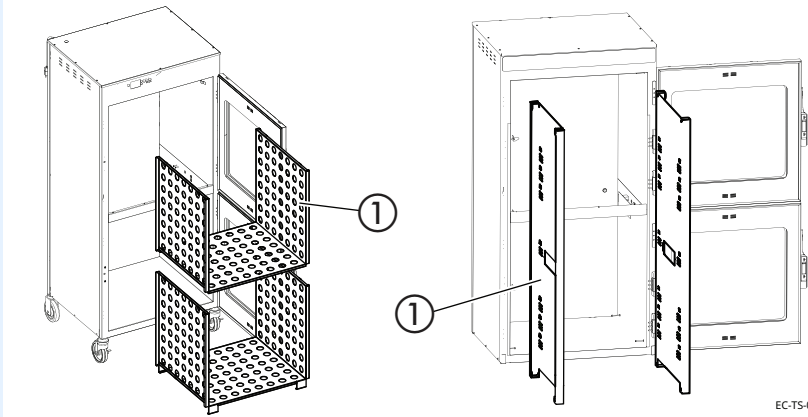
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## Yearly cleaning procedure

To clean the warmer yearly, do the following.

| Step                                                                                                                                                                                                                                                                                                                                                                                                             | Action                                                                                                                                                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.                                                                                                                                                                                                                                                                                                                                                                                                               | <b>Make sure</b> that the warmer is disconnected from electric power and cool.                                                                        |
| 2.                                                                                                                                                                                                                                                                                                                                                                                                               | <b>Remove</b> the shelves and support assembly ① from the interior of the warmer.                                                                     |
|                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                       |
| 3.                                                                                                                                                                                                                                                                                                                                                                                                               | <b>Clean</b> the support assembly and interior with a damp cloth.                                                                                     |
| 4.                                                                                                                                                                                                                                                                                                                                                                                                               | <b>Dry</b> the interior of the warmer with a clean, lint-free cloth.<br><b>Leave</b> the door open until the interior of the warmer completely dries. |
| 5.                                                                                                                                                                                                                                                                                                                                                                                                               | <b>Clean</b> each side of the window pane with glass cleaner or distilled vinegar.                                                                    |
| 6.                                                                                                                                                                                                                                                                                                                                                                                                               | <b>Re-install</b> the support assembly.                                                                                                               |
| <div style="display: flex; align-items: center;">  <div style="margin-left: 10px;"> <p><b>WARNING:</b> Personal injury hazard.</p> <p>The blankets may overheat if the shelves and support assembly are not in place. Make sure to re-install the shelves and support assembly before operating the warmer.</p> </div> </div> |                                                                                                                                                       |



EC-TS-005681



## Result

The warmer is now clean.

# What to do if the Warmer Malfunctions

**Background**
The controller sounds an alarm and the screen displays an error code when the warmer malfunctions.

| <b>Procedure</b> |                                                                                                                                                                                                                        | If the warmer malfunctions, do the following. |  |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|--|
| Step             | Action                                                                                                                                                                                                                 |                                               |  |
| 1.               | <b>Rotate</b> the Temperature Control Knob  to the OFF (vertical) position. Refer to the troubleshooting section for the error code. |                                               |  |
| 2.               | <b>Make sure</b> the blankets are the correct temperature before using.                                                                                                                                                |                                               |  |

**Result**
Resume operation of the warmer.

# How to Manually Reset the Warmer

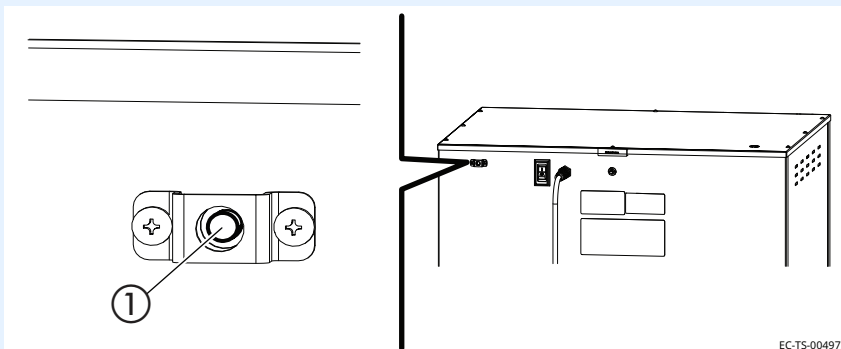
## Background

In the case of overtemperature, a high limit switch will disable the heating function. The warmer can be manually reset using the high limit manual reset button(s) located at the rear of the warmer.

## Procedure

To manually reset the warmer, do the following.

| Step | Action                                                |
|------|-------------------------------------------------------|
| 1.   | <b>Press</b> the high limit manual reset button(s) ①. |



**NOTE:** If the manual reset warmer button(s) trips again while the warmer is operating, contact Pedigo for the authorized service partner in your area.

## Result

Resume operation of the warmer.

# Error Codes

## Background

This section is provided for the assistance of qualified and trained service technicians only and is not intended for use by untrained or unauthorized service personnel. Failure to observe this precaution may void the warranty.

The following error codes apply to the control. Where noted, the following apply:

| Control Response          | Description                                                                                                                                                                                             |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Error beep</b>         | 3 beeps every 10 seconds. Beeper can be turned off by pressing any button. Beeper turns off and the error display turns solid, the flashing stops. The alarm remains active. Reset per the table below. |
| <b>Error flash</b>        | Approximately 0.8 seconds ON, 0.2 seconds OFF.                                                                                                                                                          |
| <b>Temperature recall</b> | For E-30 and E-31 error codes, pressing the Temperature Display button will display the temperature. For other error codes, the error code remains on the display.                                      |



**NOTE:** If the warmer is not operating properly, check the following before calling an authorized service agent:

Verify that the power to the warmer is on.

If applicable, ensure the female end of plug is securely seated in the warmer and that the male end of plug is in an appropriate, functioning outlet.

If applicable, examine the fuses. Replace the fuses, refer to topic *How to Replace a Fuse*.

If applicable, examine the high limit manual reset button. If the high limit manual reset button is tripped, reset the warmer, refer to topic *How to Manually Reset the Warmer*.

### NOTICE

Do not attempt to repair or service the warmer beyond this point. Contact the manufacturer for the nearest authorized service agent. Repairs made by any other service agent without prior authorization by the manufacturer will void the warranty.

*Continued on next page*

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| Error Display             | Error Description                          | Error Definition Comments                                   | Control Response                                                                                 | Reset                                                             |
|---------------------------|--------------------------------------------|-------------------------------------------------------------|--------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|
| <b>E-10</b>               | Sensor 0 shorted                           | Sensor short determined                                     | <b>Control:</b> Relays OFF<br><b>Display:</b> Flash error code<br><b>Beeper:</b> Error beep      | Auto-reset when sensor short resolved                             |
| <b>E-11</b>               | Sensor 0 open                              | Resistance >3000 ohm (sensor not connected)                 | <b>Control:</b> Relays OFF<br><b>Display:</b> Flash error code<br><b>Beeper:</b> Error beep      | Auto-reset when good probe is attached, i.e. valid reading        |
| <b>E-30</b>               | Under Temperature                          | 25°F under Set Point Temperature for 90 minutes             | <b>Control:</b> Function normal<br><b>Display:</b> Flash error code<br><b>Beeper:</b> Error beep | Auto-reset when temp rises above the Under Temp alarm condition   |
| <b>E-31</b>               | Over Temperature                           | OVEN: 60°F over max temp range for that model for 3 minutes | <b>Control:</b> Relays OFF<br><b>Display:</b> Flash error code<br><b>Beeper:</b> Error beep      | Auto-reset when within 25°F of max temp range                     |
| <b>E-32</b>               | Safety Switch Open (Aux Hi Limit Switch)   | Designated models only. Aux Input open.                     | <b>Control:</b> Relays OFF<br><b>Display:</b> Flash error code<br><b>Beeper:</b> Error beep      | Auto-reset when Aux Hi-Limit input closed                         |
| <b>E-38</b>               | Internal software error                    | Internal Software error                                     | <b>Control:</b> Relays OFF<br><b>Display:</b> Flash error code<br><b>Beeper:</b> Error beep      | Call Factory                                                      |
| <b>E-39</b>               | Sensor Error                               | Board level RTD temp circuit hardware error                 | <b>Control:</b> Relays OFF<br><b>Display:</b> Flash error code<br><b>Beeper:</b> Error beep      | Call Factory                                                      |
| <b>E-70</b>               | Configuration connector error (DIP-switch) | DIP-Switch error: not set to model or invalid model         | <b>Control:</b> Relays OFF<br><b>Display:</b> Flash error code<br><b>Beeper:</b> Error beep      | Correct DIP-switch. Turn control OFF, then ON                     |
| <b>E-83</b>               | EEPROM error                               | Bad checksum                                                | <b>Control:</b> Relays OFF<br><b>Display:</b> Flash error code<br><b>Beeper:</b> Error beep      | Reset by performing CALIBRATION                                   |
| <b>E-90</b>               | Key Shorted                                | Any key >1 min shorted                                      | <b>Control:</b> Relays OFF<br><b>Display:</b> Flash error code<br><b>Beeper:</b> Error beep      | Rest when key no longer shorted                                   |
| <b>E-91</b>               | Input Failure                              | Internal Diagnostics                                        | <b>Control:</b> Relays OFF<br><b>Display:</b> Flash error code<br><b>Beeper:</b> Error beep      | Call Factory                                                      |
| <b>EFAN (if equipped)</b> | Fan Failure                                | Locked Fan Rotor detected. No signal on Aux 2 input         | <b>Control:</b> Relays OFF<br><b>Display:</b> Flash error code<br><b>Beeper:</b> Error beep      | Allow normal operation to resume when the locked rotor is cleared |

# Warranty

## Introduction

Pedigo Products, Inc. warrants to the original purchaser that any original part that is found to be defective in material or workmanship will, at our option, subject to provisions hereinafter stated, be replaced with a new or rebuilt part.

## Warranty Period

The original parts warranty period is as follows:

- The labor warranty remains in effect one (1) year from installation or fifteen (15) months from the shipping date, whichever occurs first.
- The original parts warranty remains in effect three (3) years from installation of appliance or thirty-nine (39) months from the shipping date, whichever occurs first.

## Exclusions

This warranty does not apply to:

- Calibration
- Equipment damage caused by accident, shipping, improper installation or alteration.
- Equipment used under conditions of abuse, misuse, carelessness or abnormal conditions including equipment subjected to harsh or inappropriate chemicals including but not limited to compounds containing chloride or quaternary salts, poor water quality, or equipment with missing or altered serial numbers.
- Any losses or damage resulting from malfunction, including loss of contents or consequential or incidental damages of any kind.
- Equipment modified in any manner from original model, substitution of parts other than factory authorized parts, removal of any parts including legs, or addition of any parts.
- Collateral or incidental damage as a direct result of servicing equipment built into a wall structure is not covered under warranty. It is the responsibility of the owner to bear all expense related to structural repairs including, but not limited to, external electrical connections and wiring, and the removal or replacement of caulk, grout, tile, or wall covering of any kind. A service access panel for built-in equipment installations is strongly recommended.

## Conclusion

This warranty is exclusive and is in lieu of all other warranties, expressed or implied, including the implied warranties of merchantability and fitness for purpose. In no event shall the company be liable for loss of use, loss of revenue, or loss of contents or revenue, or for indirect or consequential damages. This warranty is in lieu of all other warranties expressed or implied and Pedigo Products, Inc. neither assumes or authorizes any persons to assume for it any other obligation or liability in connection with Pedigo Products, Inc. equipment.











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Specifications are subject to change without notice.

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