



OPERATION & CARE

MANUAL FOR

P-2110

P-2120

P-2130

FLUID WARMING CABINETS

WITH WARMWATCH

FLUID WARMING CABINET

TRANSPORT AND STORAGE

Transport and Storage Environmental Conditions (not to exceed 15 days)

- Ambient temperature range of -40° to +159°F (-40° to +70°C)
- Relative humidity range of 10% to 100%, including condensation
- Atmospheric pressure range of 50KPa to 106KPa

UNPACKING AND SET-UP

DELIVERY

The Pedigo Fluid Warming Cabinet has been thoroughly tested and inspected to insure only the highest quality unit is provided. Upon receipt, check for any possible shipping damage and report it at once to the delivering carrier. ***See Transportation Damage and Claims section located in this manual.***

This appliance, complete with unattached items and accessories, may have been delivered in one or more packages. Check to ensure that all standard items and options have been received with each model as ordered.

Save all the information and instructions packed with the appliance. Complete and return the warranty card to the factory as soon as possible to assure prompt service in the event of a warranty parts and labor claim.

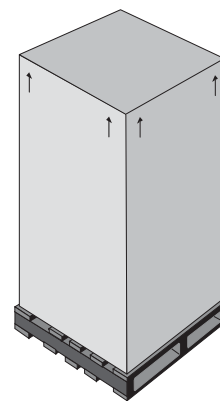
This manual must be read and understood by all people using or installing the equipment model. Contact the Pedigo service department if you have any questions concerning installation, operation, or maintenance.

NOTE: All claims for warranty must include the full model number and serial number of the unit.

UNPACKING

1. Carefully remove the appliance from the carton or crate.

NOTE: Do not discard the carton and other packaging material until you have inspected the unit for hidden damage and tested it for proper operation.



2. Read all instructions in this manual carefully before initiating the installation of this appliance.

DO NOT DISCARD THIS MANUAL.

This manual is considered to be part of the appliance and is to be provided to the owner or manager of the business or to the person responsible for training operators. ***Additional manuals are available from the Pedigo service department.***

3. Remove all protective plastic film, packaging materials, and accessories from the appliance before connecting electrical power.

SAFETY PROCEDURES AND PRECAUTIONS

Knowledge of proper procedures is essential to the safe operation of electrically and/or gas energized equipment. In accordance with generally accepted product safety labeling guidelines for potential hazards, the following signal words and symbols may be used throughout this manual.



DANGER

Used to indicate the presence of a hazard that **will** cause severe personal injury, death, or substantial property damage if the warning included with this symbol is ignored.



WARNING

Used to indicate the presence of a hazard that **can** cause personal injury, possible death, or major property damage if the warning included with this symbol is ignored.



CAUTION

Used to indicate the presence of a hazard that can or will cause minor or moderate personal injury or property damage if the warning included with this symbol is ignored.

CAUTION

Used to indicate the presence of a hazard that can or will cause minor personal injury, property damage, or a potential unsafe practice if the warning included with this symbol is ignored.

NOTE:

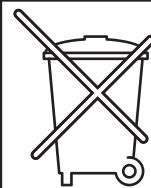
Used to notify personnel of installation, operation, or maintenance information that is important but not hazard related.

1. Pedigo fluid warmers are **ONLY** intended for warming medical solutions for irrigation and injection. The IRRIGATION MODE should be selected for warming irrigation fluids, and the INJECTION MODE should be selected for warming injection fluids. Please refer to the labeling of the manufacturer of the products to be warmed regarding the recommended temperature and the duration of warming. No other use for this device is authorized or recommended.
2. This device is intended for use in commercial establishments where all operators are familiar with the purpose, limitations, and associated hazards of this device. Operating instructions and warnings must be read and understood by all operators and users.
3. Any troubleshooting guides, component views, and parts lists included in this manual are for general reference only and are intended for use by qualified technical personnel.
4. This manual should be considered a permanent part of this device. This manual and all supplied instructions, diagrams, schematics, parts lists, notices, and labels must remain with the device if the item is sold or moved to another location.

NOTE

Pedigo warmers should not be left unattended for periods of more than 24 hours. In case of absences longer than 24 hours, disconnect the warmer from its power source.

NOTE



For equipment delivered for use in any location regulated by the following directive:
DO NOT DISPOSE OF ELECTRICAL OR ELECTRONIC EQUIPMENT WITH OTHER MUNICIPAL WASTE.

PREPARATION

Before operating the cabinet, clean both the interior and exterior of the unit with a damp cloth and mild soap solution. Wipe with an appropriate disinfectant. Clean and install the cabinet basket assembly.

ELECTRICAL INFORMATION

The power specifications are located on the unit identification nameplate. This nameplate is permanently attached to the unit and must be located to verify power requirements.



P-2110 POWER REQUIREMENTS

120 V.A.C. — 50/60 Hz, 1 ph
650 Watts, 5.5 Amps
Safety Class I Equipment



NEMA 5-15P
15A - 125V Plug
Hospital Grade



P-2130 POWER REQUIREMENTS

120 V.A.C. — 50/60 Hz, 1 ph
1060 Watts, 8.8 Amps
Safety Class I Equipment



NEMA 5-15P
15A - 125V Plug
Hospital Grade



P-2120 POWER REQUIREMENTS

120 V.A.C. — 50/60 Hz, 1 ph
775 Watts, 6.5 Amps
Safety Class I Equipment



NEMA 5-15P
15A - 125V Plug
Hospital Grade



UL FILE #	<input type="text"/>	MADE IN USA
MODEL	<input type="text"/>	
WATTS	<input type="text"/>	
VOLTS	<input type="text"/> 1 PH <input type="text"/> Hz	
SERIAL#	<input type="text"/>	

Grounding reliability can only be achieved when equipment is connected to an equivalent receptacle marked "Hospital Grade."



Medical Equipment classified by Underwriters Laboratories with Respect to Electrical Shock, Fire and Mechanical Hazards only, in Accordance with UL 2601-1 and CAN/CSA C22.2 No. 601.1.



UL File No.
E201645

IMPORTANT

Do not load the basket beyond the recommended maximum capacity:

P-2110 = **16 liters per basket**

P-2120 = **14 liters per basket**

P-2130 = **24 liters per basket**

Overloading may cause lower or uneven temperatures of product and damage to basket and basket rail supports. Baskets that are overloaded may slip off rail supports, resulting in possible damage to product and equipment, as well as causing possible injury.



Hazardous
Voltage Present



DANGER



**ENSURE POWER SOURCE
MATCHES VOLTAGE STAMPED
ON APPLIANCE NAMEPLATE.**

CAUTION

**THIS UNIT HAS NOT BEEN
APPROVED FOR WARMING OF
BLOOD OR BLOOD PRODUCTS.**



CAUTION

**INJECTION FLUIDS
SHOULD NOT BE WARMED
OVER 110°F (43°C)**



DANGER



**DO NOT use this warming cabinet in
the presence of flammable
anesthetic mixture (with air or with
oxygen or nitrous oxide).
THIS COULD RISK AN EXPLOSION!**

GENERAL INFORMATION

This warming cabinet is designed to safely store and warm either irrigation fluids or injection fluids.

The single-chambered warming cabinet is constructed with 20 gauge stainless steel exterior casing and door with handle and hinges designed to withstand heavy usage. A door with window allows observation of inventory with the door closed. The cabinet is warmed using low-heat-density electrothermal cable array. The electrothermal cable is positioned in the floor and two sides of the warming cabinet, providing even heating of the interior chamber. The interior chamber temperature is regulated by an electronic control. A fan located inside the chamber mixes the air to prevent temperature stratification and to ensure an accurate chamber temperature within $+0/-2^{\circ}\text{F}$ ($+0/-1.1^{\circ}\text{C}$) of the set point for temperatures set between $98 - 110^{\circ}\text{F}$ ($37 - 43^{\circ}\text{C}$) and within $+0/-3^{\circ}\text{F}$ ($+0/-1.7^{\circ}\text{C}$) of the set point for temperatures set between $110 - 150^{\circ}\text{F}$ ($43 - 66^{\circ}\text{C}$).

The electronic control consists of two 4 digit L.E.D. displays, ON/OFF key, INCREASE and DECREASE keys, integrated LOCK feature and a series of prompt sequence indicators. The warming cabinet can be programmed to warm **either** irrigation fluids (IRR) **or** injection fluids (INJ), with separate temperature ranges provided depending on the choice selected. IRR temperature may be adjusted from 98° to 150°F (37° to 66°C), and the INJ temperature can be adjusted from 98° to 104°F (37° to 40°C). An alarm will sound if temperatures exceed 10°F (6°C) over the set-point temperature, and an OVERTEMP indicator will blink indicating an over-temperature condition. A warming shut-off system, separate from the electronic control, prevents overheating. The electronic control can easily be set to operate in Fahrenheit or Celsius. After a power failure, the cabinet will remember its programming and begin to operate as before. The ON/OFF indicator will blink to indicate a failure occurred; pressing the ON/OFF key once will eliminate blinking.

WARMWATCH INFORMATION: Your warmer is equipped with the optional *WarmWatch* package. (Patent pending) This package features a real-time temperature monitoring system that provides instant visual confirmation of the cabinet temperature. Two independent resistance temperature detectors (RTDs) monitor the internal cabinet temperature and ensure that the unit reaches and maintains the correct set-point temperature to within $+0/-2^{\circ}\text{F}$ ($+0/-1.1^{\circ}\text{C}$) when set

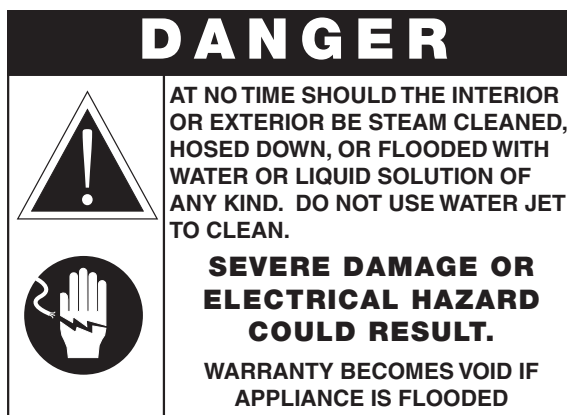
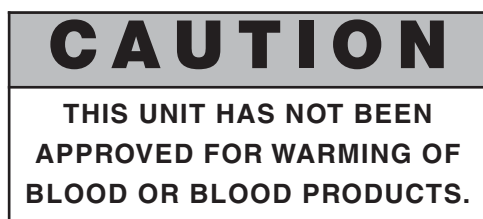
between $98 - 110^{\circ}\text{F}$ ($37 - 43^{\circ}\text{C}$) or $+0/-3^{\circ}\text{F}$ ($+0/-1.7^{\circ}\text{C}$) when set between $110 - 150^{\circ}\text{F}$ ($43 - 66^{\circ}\text{C}$). Two LED displays on the control panel provide both the set-point and actual cabinet temperature at a glance. The upper four digit LED display shows the set-point temperature and the lower four digit LED display indicates the current actual cavity temperature.

Every hour during operation, *WarmWatch* automatically records and stores a record of the cavity temperature while accounting for open doors and other factors that affect data accuracy. This recorded data can be downloaded to a USB flash drive and then to a computer at any desired time interval-up to six months between downloads. Normal warming functions continue to operate while the data is downloading. Analytic reports specific to the warming unit are automatically generated as the raw data is downloaded and saved to the USB drive. These reports provide data analysis and trend graphing for the life of warmer.

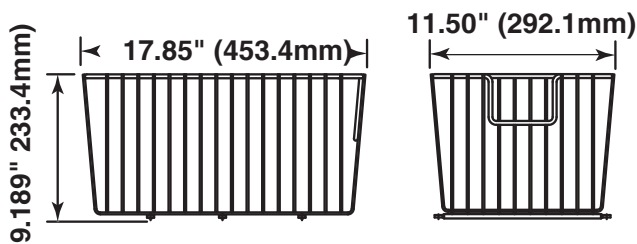
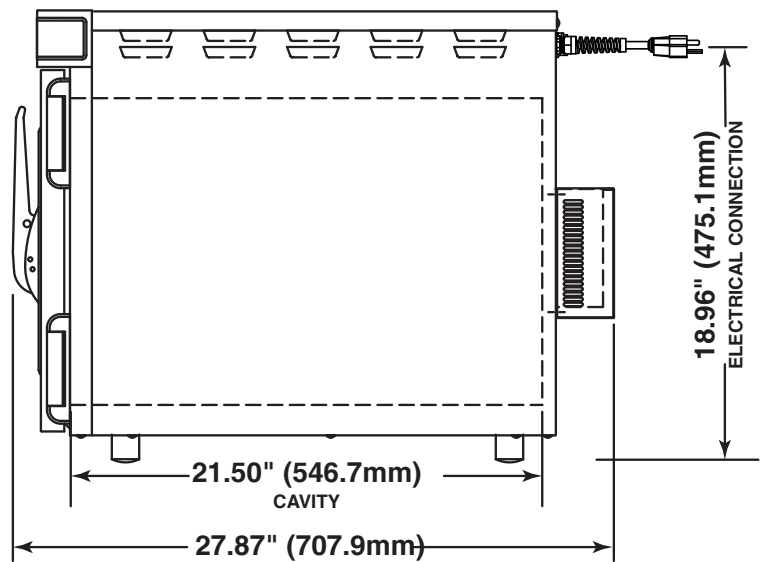
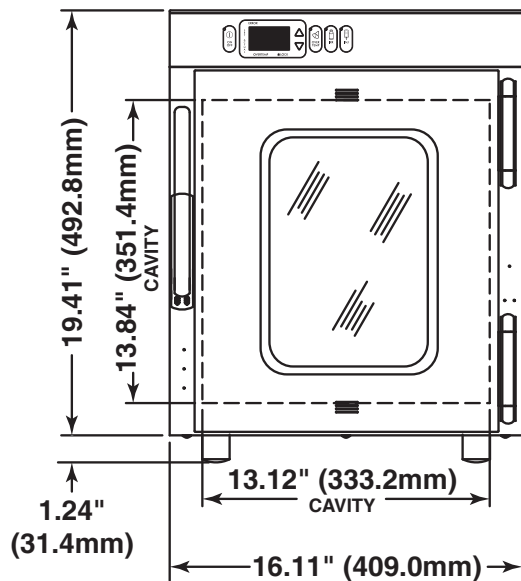
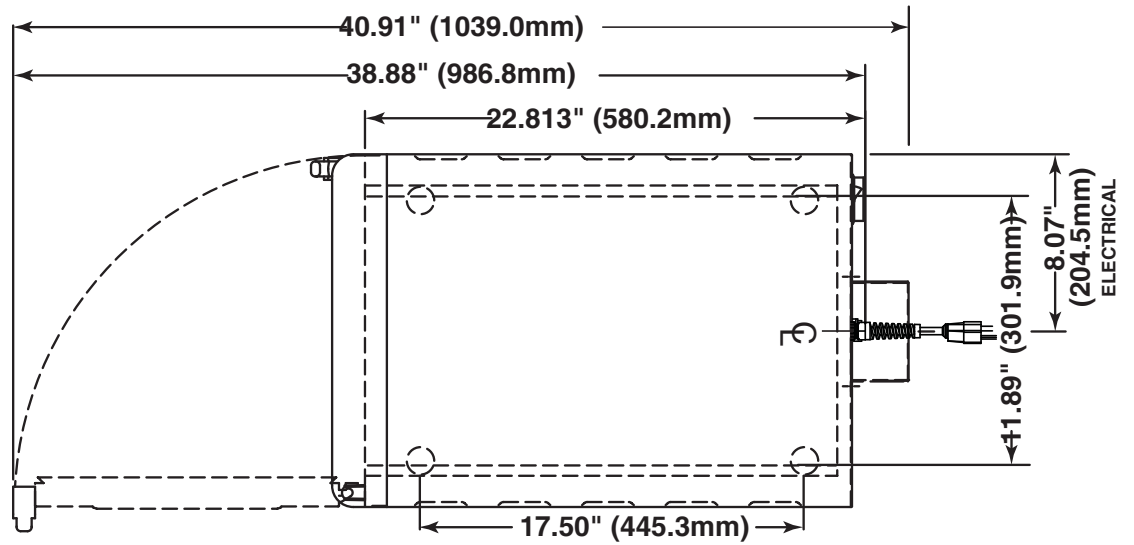
P-2110 INFORMATION: The P-2110 warming cabinet is equipped with one (1) white, epoxy-coated wire basket to accommodate fluids packaged in bags or bottles, mounted on basket rail supports. The basket has a **16 liter maximum capacity**. The cabinet is furnished with four (4) 1-1/4" (31mm) non-skid rubber feet.

P-2120 INFORMATION: The P-2120 warming cabinet is equipped with two (2) white, epoxy-coated wire baskets to accommodate fluids packaged in bags or bottles, mounted on basket rail supports. The basket has a **14 liter maximum capacity**. The cabinet is furnished with a full perimeter rubber bumper assembly and one set of 5" (127mm) heavy duty casters, two with locking brakes.

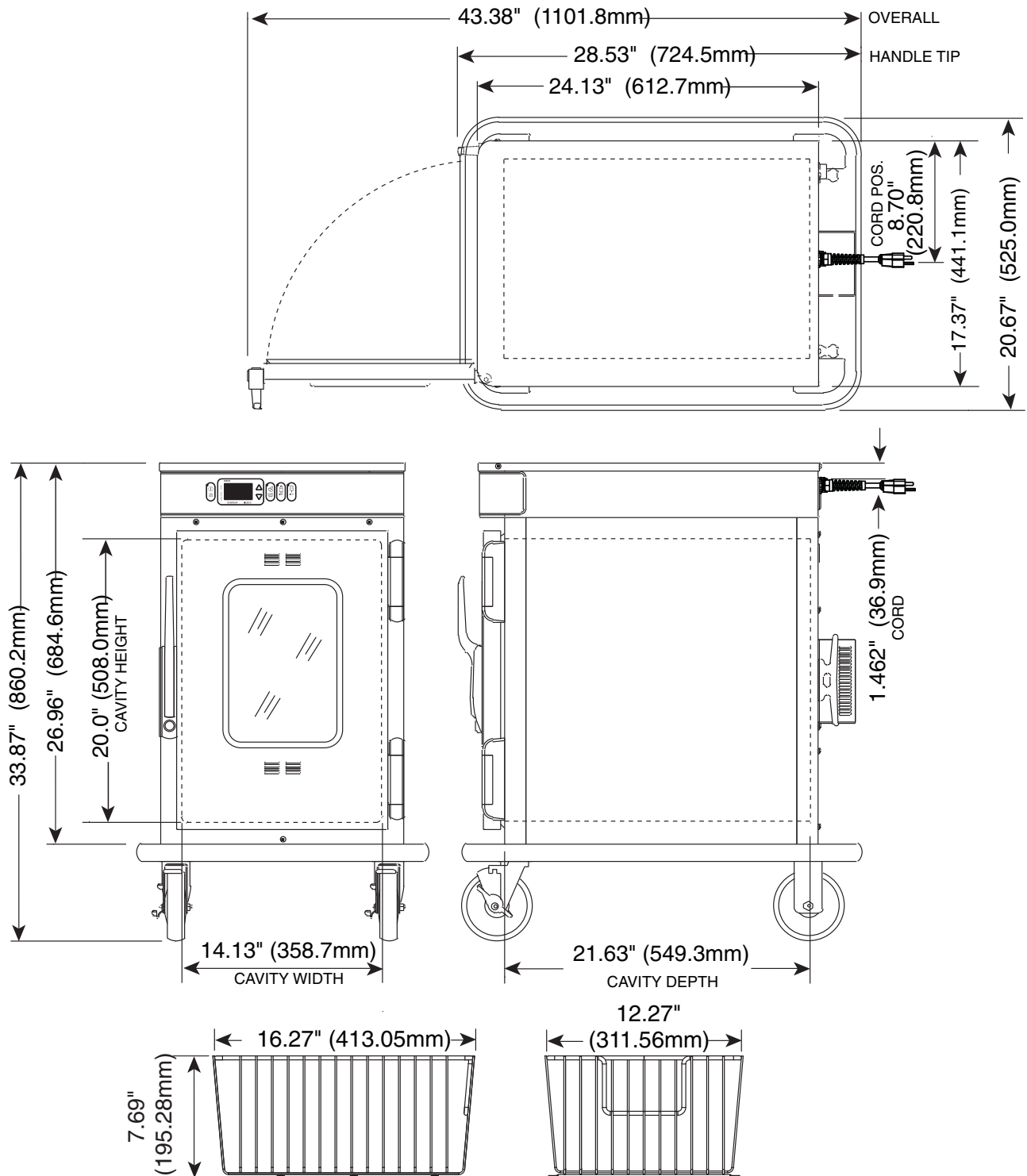
P-2130 INFORMATION: The P-2130 warming cabinet is equipped with three (3) white, epoxy-coated wire baskets to accommodate fluids packaged in bags or bottles, mounted on basket rail supports. The basket has a **24 liter maximum capacity**. The cabinet is furnished with a full perimeter rubber bumper assembly and one set of 5" (127mm) heavy duty casters, two with locking brakes.



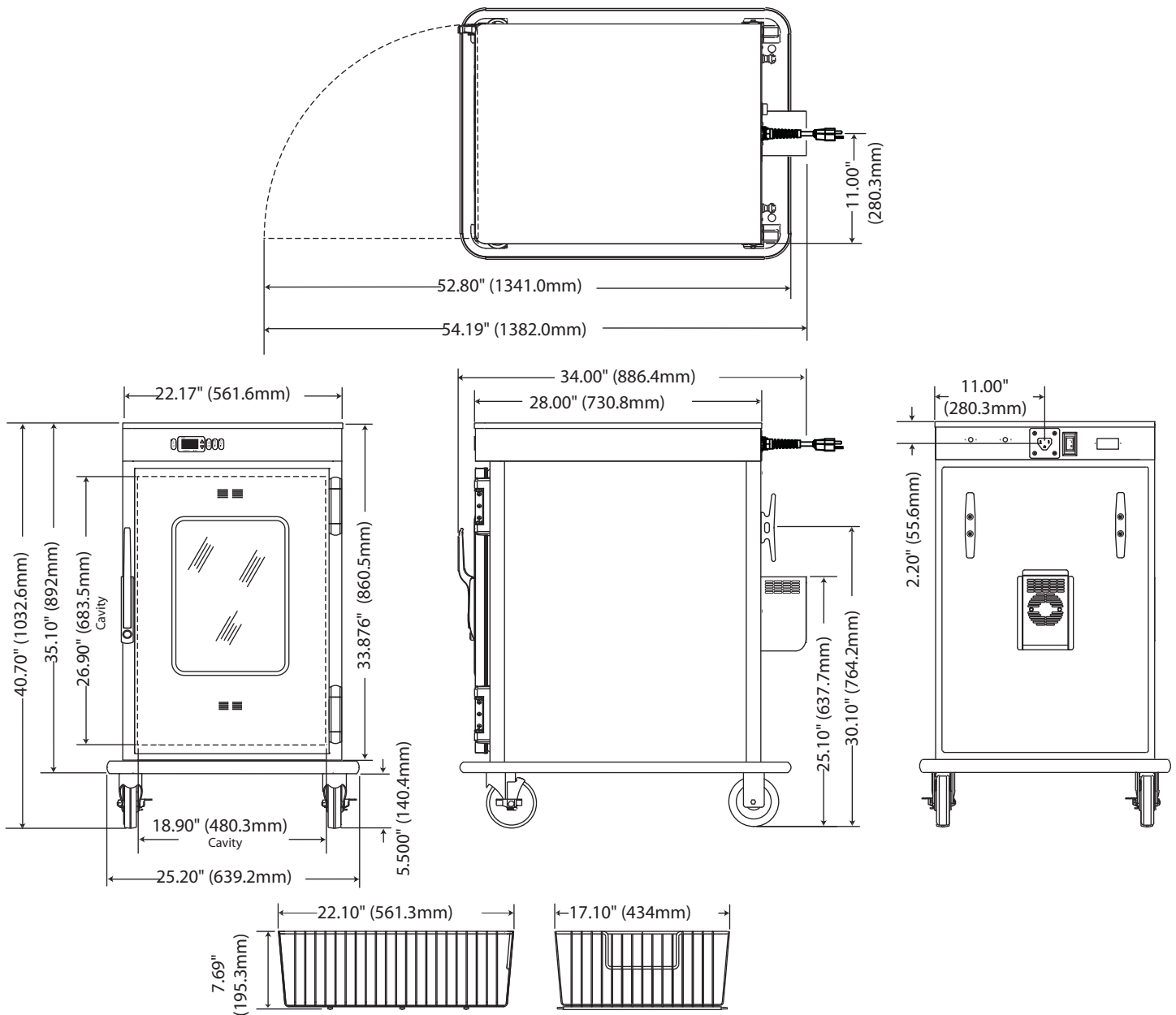
P - 2110 DIMENSIONS



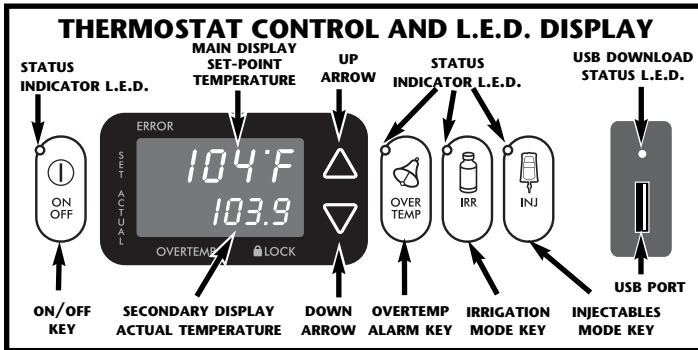
P - 2120 DIMENSIONS



P - 2130 DIMENSIONS



CONTROL FEATURES



CONTROL PANEL KEYS

ON/OFF KEY

Press and release the ON/OFF key to activate control. The green indicator located at the top left of the ON/OFF key illuminates when the warmer is on and a warming mode (IRR or INJ) has been selected. (See "IRR Key" and "INJ Key" below.) To turn the warmer off, press and hold the ON/OFF key for three (3) seconds.

UP ARROW / DOWN ARROW KEYS

These keys are used to increase or decrease the set-point temperature as desired.

OVERTEMP ALARM KEY

Depressing this key displays the current over-temperature trip-point. The alarm trip-point is always +10°F (6°C) above the temperature setting. When the green OVERTEMP indicator is blinking, the warmer has entered an over-temperature condition.

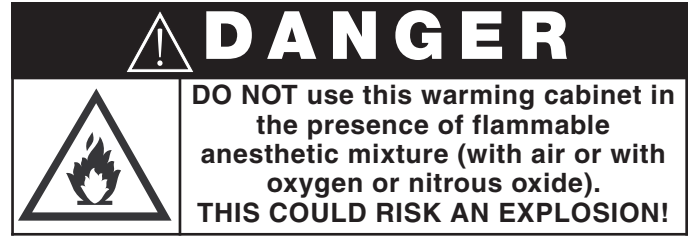
IRR KEY

The IRR key is used to select the IRRIGATION FLUIDS mode and to display the IRR set-point temperature. The temperature range is 98° to 150°F (37° to 66°C). The green IRR indicator illuminates when in the IRRIGATION FLUIDS mode. The yellow indicator on the IRR key illuminates when the IRR set-point temperature is being displayed on the main display.

INJ KEY

The INJ key is used to select the INJECTION FLUIDS mode and to display the set-point temperature. The temperature range is 98° to 104°F (37° to 40°C). The green INJ indicator illuminates when in the INJECTION FLUIDS mode. The yellow indicator on the INJ key illuminates when the INJ set-point temperature is being displayed.

NOTE: In order to switch between the irrigation and injection modes, you must first turn the unit off and then turn the unit back on. Be careful to properly cool the cavity down prior to switching from a high



temperature in IRRIGATION mode to a much lower temperature in INJECTION mode so that a false overtemp or E-31 overtemp alarm is not tripped.

L.E.D. DISPLAY STATUS INDICATORS

ERROR

This illuminates when an over-temperature condition is detected. The ERROR indicator will remain illuminated, even after the over-temperature condition is cleared, until the warmer is turned off. This will alert the operator that at some point the fluids had been exposed to temperatures that exceeded 10°F (6°C) above the set-point temperature.

OVERTEMP

When the control senses a temperature 10°F (6°C) greater than the set point, this indicator will illuminate. An alarm will also sound. The alarm can be muted by pressing any key. This indicator will extinguish and the green indicator of the overtemp key will stop blinking once the warmer temperature drops back to the set point temperature.

POWER FAIL DETECT

If the power fails for any reason while heating, the warmer control will not remain locked. When the power is restored, the control will resume operating, but several things will alert the operator that such an event has occurred:

- A.** The ON/OFF status indicator will flash.
- B.** Display will indicate "128" (or another number) alternating with the set temperature. **Please see important note below if a number other than "128" is displayed.**
- C.** Control will "beep" every third flash of the number displayed.

Press the ON/OFF key once to acknowledge that the power has been restored. The ON/OFF status indicator will stop flashing and the alarm will be silenced. The display will indicate the approximate time period of the outage on the main display when the ON/OFF key is depressed at any time after failure and until the unit is turned off.

CONTROL FEATURES

Note: The display of “128 is a normal Power-On Reset for the control. Any other number displayed may indicate a problem. Make note of the number, and if the unit fails to operate properly, provide that number to service to assist them in troubleshooting the problem.

DOOR ALARM

“dOOR” will appear on the display when the door is opened. An audible alarm will sound if the door remains open for more than 15 minutes.

PROGRAMMING AUTOMATIC TIMER AND TIME/DATE

NOTES: If you do not wish to use the automated timer feature, then you do not need to set the date and time and this section can be skipped. All times will be displayed in hours and minutes (HH:MM) in a 24-hour format. 1:00pm will display as 13:00. The clock will need to be manually reset for Daylight Saving Time.

The date and time should be checked and, if necessary, reset when powering ON the warmer for the first time. When the warmer is turned on for the first time, an “E-60” code is displayed on the main LED display if the time and date has not yet been programmed. Once programmed, the clock/calendar will maintain the correct date and time for up to 30 days after power has been disconnected from the unit. After 30 days of continuous disconnection, the date and time must be reprogrammed.

To set or reset the clock, turn the controller off and follow these steps:

1. Press the OVERTEMP button to enter the clock set mode.
2. The main display shows the current programmed time in 24-hour format.
3. The 24-hour clock increases or decreases in 1 minute steps by pressing and holding either the UP ARROW or DOWN ARROW.
4. The 24-hour clock increases from 00:00 to 23:59 and decreases from 23:59 to 00:00 depending on which arrow key is pressed.
5. Press the OVERTEMP button to confirm the 24-hour time setting and switch to programming the calendar year.
6. The main display shows “YEAR”. The secondary display shows the currently programmed year.
8. Pressing either the UP ARROW or DOWN ARROW increases or decreases the year.
9. Press the OVERTEMP switch to confirm the year setting and switch to programming the calendar month.
10. The main display shows “Mon”. The secondary display shows the currently programmed month.
11. Pressing either the UP ARROW or DOWN ARROW increases or decreases the month.
12. Press the OVERTEMP switch to confirm the month setting and switch to programming the day of month.
13. The main display shows “DAY”. The secondary display shows the currently programmed day.
14. Pressing the UP ARROW increases the date from the first of the month. Pressing the DOWN ARROW decreases the date from the last day of the month.
15. Press OVERTEMP to exit clock set mode and enter normal operation mode.

FAHRENHEIT OR CELSIUS SELECTION

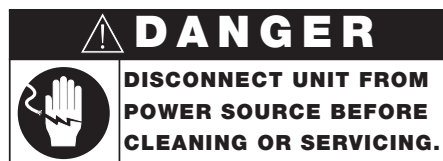
While the controller is in the OFF mode, press and hold the UP ARROW key for one second until the current temperature unit is displayed on the main display. Press and hold the UP ARROW key for five seconds until you hear a beep. This indicates that the warmer has been switched between Fahrenheit or Celsius.

AUDIBLE ALARM SELECTION

The warmer can be set to “audible alarm on” and “audible alarm off” modes. While the warmer power is turned off, press and hold the DOWN arrow button for one (1) second. The main display will show the current beeper status: “ON” or “OFF”. Press and hold the DOWN arrow button for five (5) seconds to switch between “ON” and “OFF” modes. When the audible alarm is in the “OFF” mode, an audible alarm will still sound if there is an OVERTEMP error, the door is left open for more than 15 minutes, or in the event of power loss.

CONTROL LOCK PROGRAMMING

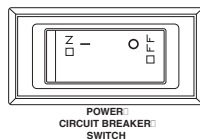
The warmer control can be locked so that no changes can be made to the temperature set-point or the mode selection. Press and hold the ON/OFF key and the UP arrow key at the same time. The unit will beep and the LOCK indicator will illuminate. Attempts to operate the ON/OFF key, or to change the temperature set-point will be unsuccessful. To unlock the warmer control, press and hold the ON/OFF key and the DOWN arrow button at the same time. The unit will beep, the control will unlock, and the LOCK indicator will extinguish.



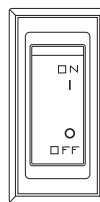
OPERATIONAL PROCEDURES

1. The appliance should be plugged into a hospital grade, NEMA 5-15P receptacle.

2. Turn on the power circuit breaker switch, which is located at the back of the appliance. It is a rocker-type switch with international ON (I) and OFF (O) markings.



OR



3. ACTIVATE CONTROL BY PRESSING THE ON/OFF KEY ON CONTROL PANEL ONCE.

The ON/OFF indicator will illuminate and remain lit until the unit is turned off. The digital display will indicate last temperature set-point of compartment.

4. SELECT DESIRED MODE OF OPERATION.

Press the IRR key to select the IRRIGATION FLUIDS mode or the INJ key to choose the INJECTION FLUIDS mode. The last set-point temperature for that mode of operation will appear in the display.

NOTE: In order to switch between the irrigation and injection modes, you must first turn the unit off and then turn the unit back on.

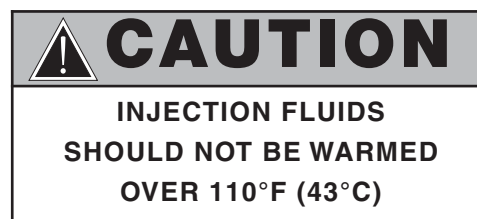
5. SET DESIRED TEMPERATURE.

To set the fluid warming temperature, press and hold the UP or DOWN ARROW keys to change the value shown in the display. The IRRIGATION FLUIDS set-point temperature range is 98° to 150°F (37° to 66°C) and the INJECTION FLUIDS set-point temperature range is 98° to 104°F (37° to 40°C).

NOTE: The warmer is designed to warm fluids to the appropriate temperature recommended by your supplier. The warm-up stabilization time will vary depending on the warmer load. Exercise judgment to determine inventory rotation protocols and warm-up time for the fluids you use.

Caution:

- **Check fluid temperature prior to use.**
- Verify that the fan at the back of the chamber is rotating freely. If it is not working, discard your inventory, contact your service representative, and discontinue use of unit until it is repaired.
- If the warmer control has failed, or if error messages are displayed, discard your inventory and contact your service representative.
- **The unit may tip over if more than one drawer is extended simultaneously.** Open only one drawer at a time when loading or unloading fluids.



WARMWATCH USB DOWNLOAD OPERATION

The *WarmWatch* system records cavity temperature data one time every hour. Each recorded data sample includes:

- Time/date stamp
- Current set-point for the chamber
- Air temperature measured by control RTD
- Air temperature measured by data logging RTD
- State of the door (open or closed)
- Warmer type
- Error logging

DOWNLOAD DATA TO A USB FLASH DRIVE

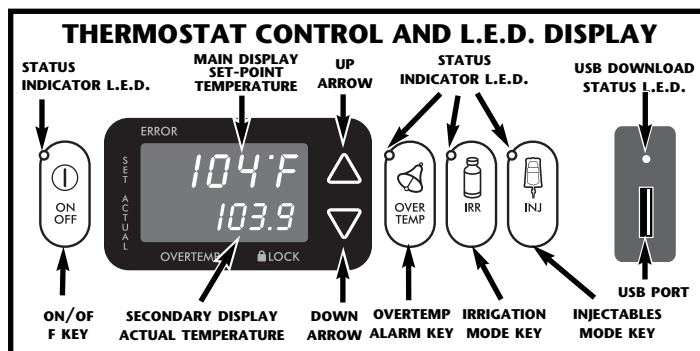
Recorded data can be downloaded from the warmer at any desired interval of up to six months between downloads. (See "Full Memory Information" below.)

A USB flash drive with memory capacity of at least 1 MB is required. (Not included.) This unit works with most FAT32 formatted USB flash drives.

CAUTION	
	THIS UNIT IS SENSITIVE TO ELECTROSTATIC DISCHARGE. OBSERVE PRECAUTIONS FOR HANDLING ELECTROSTATIC SENSITIVE DEVICES.

1. Press ON button if warmer is not already turned on. Do not turn off or change warming mode while downloading data.
2. Insert USB flash drive into the USB port located next to the "INJ" button on the front panel of the warmer.
3. The main display will show "USB" when it detects a USB flash drive plugged into unit.
4. The main display will change to "wrt" and the secondary display will change to "log" prior to downloading the data.
5. When the data download begins, the main display will change to "dmp" and the secondary display will show

CAUTION
DO NOT REMOVE THE USB FLASH DRIVE, TURN OFF WARMER, OR CHANGE WARMING MODES WHILE DOWNLOADING DATA OR WRITING REPORTS TO THE USB DRIVE



the percentage of download completed. The download will take approximately 2 minutes to complete.

6. After the recorded data is downloaded, the main display will show "wrt" and the second display will show "rPt". The log report is being downloaded to the USB drive while these messages are displayed.
7. When the download is complete, the main display will show "USB" and the second display will show "donE" until the USB flash drive is removed.
8. After the USB flash drive is removed, the display returns to normal operation status and the memory is automatically cleared.
9. Plug USB flash drive into a USB-compatible computer to access the downloaded report files. See "Reports" section on page 12 for more information about the downloaded reports.

FULL MEMORY INFORMATION

When the data storage memory nears capacity (4,000 data records or five months since the last download), the control will indicate that download is needed by alternately flashing the actual temperature and the word "Full" on the lower LED display. Data will continue to be stored until the memory is full (4,800 records or six months since last download). If the data is not downloaded before this time, the oldest data will be overwritten by new data.

Follow steps in "Download Data Via USB Flash Drive" to download recorded data and clear memory.

WARMWATCH USB DOWNLOADED REPORTS

REPORT INFORMATION

The raw data report downloaded to the USB flash drive by the *WarmWatch* system is written in a comma delimited (CSV) format. The files are downloaded to a directory identified by the last eight (8) digits of the warmer's serial number. The report and data files are named by the date of download and .csv extension. (e.g., 00000000/20080101.csv)

The .csv raw data report includes the following categories for each hourly temperature sample: Entry Number, Year, Month, Day, Hour, Minute, Second, Warmer Type, Set point, Control RTD, Logging RTD, Temp Units, Error Bits, Door, and Warmer State. The .csv raw data report can be opened in spreadsheet software (such as Microsoft® Excel or OpenOffice Calc) for analysis and charting.

An accuracy report indicating how the data was collected is also provided. The report is a text file with a file name of the date and an extension of .txt located under the system serial number folder. (e.g., 00000000/ 20080101.txt)

All temperature samples taken within two (2) hours of an open door event or within two (2) hours of warmer being turned on are excluded from the accuracy report.

ACCURACY .TXT REPORT EXAMPLE

20080307.TXT
Fluid Warmer Accuracy Report
Type: Pedigo
Model: 770L
Serial number: 481691
Date of Manufacture: 17-SEP-2007
Date of Report: 07-MAR-2008 13:00:32
Software version: 1.000Final
Frequency of readings: 1.000000 per hour

Period of evaluation: 2008-MAR-05 20:46:45 to 2008-MAR-07 09:05:00
Number of days: 3
Number of readings evaluated: 4118
Number of excluded readings (door open): 242
Mode of warming: injection
Setpoint temperature: 104F
Average temperature: 102.6F
Temperature range: 102.6F -102.7F
Accuracy specification: +0 deg. F., -2 deg. F. Accuracy evaluation: PASS

Period of evaluation: 2008-MAR-07 09:05:44 to 2008-MAR-07 09:05:44
Number of days: 1
Number of excluded readings (door open): 1
Mode of warming: irrigation
Setpoint temperature: 130F
Too few points exist to generate an accuracy report for this period of evaluation.

Period of evaluation: 2008-MAR-07 09:06:14 to 2008-MAR-07 12:45:15
Number of days: 1
Number of readings evaluated: 196
Number of excluded readings (door open): 242
Mode of warming: irrigation
Setpoint temperature: 129F
Average temperature: 127.3F
Temperature range: 126.6F -127.7F
Accuracy specification: +0 deg. F., -3 deg. F. Accuracy evaluation: PASS

Note: The temperature specification is stated for a warmer in a steady-state condition with the door closed for at least 2 hours.

CLEANING AND PREVENTIVE MAINTENANCE

PROTECTING STAINLESS STEEL SURFACES



It is important to guard against corrosion in the care of stainless steel surfaces. Harsh, corrosive, or inappropriate chemicals can completely destroy the protective surface layer of stainless steel. Abrasive pads, steel wool, or metal implements will

abrade surfaces causing damage to this protective coating and will eventually result in areas of corrosion. Even water, particularly hard water that contains high to moderate concentrations of chloride, will cause oxidation and pitting that result in rust and corrosion. In addition, many acidic spills left to remain on metal surfaces are contributing factors that will corrode surfaces.

Proper cleaning agents, materials, and methods are vital to maintaining the appearance and life of this appliance. Spilled items should be removed and the area wiped as soon as possible but at the very least, a minimum of once a day. Always thoroughly rinse surfaces after using a cleaning agent and wipe standing water as quickly as possible after rinsing.

ANNUAL PREVENTATIVE MAINTENANCE

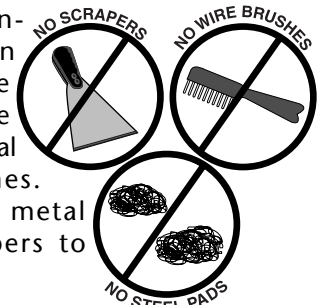
1. Ensure that the correct Operation and Care manual is available to all users.
2. Ensure that all users have been properly trained in unit's operation.
3. Do not exceed the unit's capacity.
4. Inspect condition of plug and cord. Replace if damaged.
5. Clean dust from outer vents surrounding the unit and around top of bonnet.
6. Check door gasket. Are there any tears? Is the gasket worn or loose? Make sure seal is tight to unit body. Replace gasket if integrity is compromised.
7. Check air temperature sensor mounted on the interior of chamber. Is the metal guard in place? Are the wires in good condition?
8. Check the blanket support assembly and shelf (if applicable) Is the assembly in place? Are any pieces missing?

CLEANING AGENTS

Use non-abrasive cleaning products designed for use on stainless steel surfaces. Cleaning agents must be chloride-free compounds and must not contain quaternary salts. Never use hydrochloric acid (muriatic acid) on stainless steel surfaces. Always use the proper cleaning agent at the manufacturer's recommended strength. Contact your local cleaning supplier for product recommendations.

CLEANING MATERIALS

The cleaning function can usually be accomplished with the proper cleaning agent and a soft, clean cloth. When more aggressive methods must be employed, use a non-abrasive scouring pad on difficult areas and make certain to scrub with the visible grain of surface metal to avoid surface scratches. Never use wire brushes, metal scouring pads, or scrapers to remove residue.



9. Check basket and side rail condition (if applicable). Do baskets move smoothly and freely?

10. Check caster or leg condition. Ensure mounting bolts and assembly is secure.

11. Check control panel overlay condition. Are there any tears or excessive wear on the graphic? Does control work properly when buttons are pushed?

12. Check that all control LEDs light up as applicable.

13. Is the Set Temperature comparable to the Actual temperature displayed? If not, control needs calibration. Call Service.

Contact Service for immediate repair if any of the above problems exist.

CAUTION	
	<p>TO PROTECT STAINLESS STEEL SURFACES, COMPLETELY AVOID THE USE OF ABRASIVE CLEANING COMPOUNDS, CHLORIDE BASED CLEANERS, OR CLEANERS CONTAINING QUATERNARY SALTS. NEVER USE HYDROCHLORIC ACID (MURIATIC ACID) ON STAINLESS STEEL. NEVER USE WIRE BRUSHES, METAL SCOURING PADS OR SCRAPERS.</p>

CARE AND CLEANING

The cleanliness and appearance of this equipment will contribute considerably to its operating efficiency. Make certain the cabinet and door gasket are kept free of any debris that may accumulate. Good equipment that is kept clean works better and lasts longer.



CLEAN THE UNIT REGULARLY:

1. Disconnect the cabinet from the power source.
2. Remove all detachable items such as wire baskets and basket rail supports. Clean these items separately.

NOTE: Avoid the use of abrasive cleaning compounds, chloride based cleaners, or cleaners containing quaternary salts. Never use hydrochloric acid (muriatic acid) on stainless steel.



NO SCRAPERS



NO STEEL PADS

3. Clean the interior metal surfaces of the cabinet with a damp cloth and any mild commercial detergent. Avoid the use of abrasive cleaning compounds. Rinse surfaces by wiping with sponge & clean warm water. Remove excess water with sponge and wipe dry with a clean cloth or air dry. Leave doors open until interior is completely dry.
4. Interior can be wiped with a sanitizing solution after cleaning and rinsing. This solution must be approved for use on stainless steel surfaces. Replace blanket support assembly.
5. Clean the exterior of the cabinet with a cleaner recommended for stainless steel surfaces. Spray the cleaner on a clean cloth and wipe with the grain of the stainless steel.
6. Clean the window glass with a standard commercial glass cleaner.
7. Wipe control panel, door vents, door handles, and door gaskets thoroughly since these areas harbor debris.
8. Wipe door gaskets and control panel dry with a clean, soft cloth.

Always follow appropriate state or local health (hygiene) regulations regarding all applicable cleaning and sanitation requirements.



(Listed as Ordinary Equipment.)



If your unit is not operating properly, check the following before calling your authorized service agent. Check the power applied to the unit. Is the plug in outlet? Is the power circuit breaker switch in rear of unit OK? Has the high limit manual reset tripped? If so, reset. (See “Manual Reset Instructions” below.)

If temperature calibration adjustment is required, call Enthermics Service for proper instruction.

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

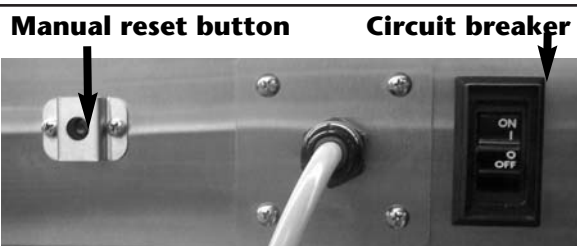
This chart is provided for the assistance of qualified technicians only and is not intended for use by untrained or unauthorized service personnel.

TROUBLE SHOOTING GUIDE

ERROR	DESCRIPTION	ACTION REQUIRED
E-10 or E-20	Sensor Short	<ul style="list-style-type: none"> Detach the sensor from the terminal block. Use an Ohm meter to measure the resistance of the sensor. Check sensor at 32°F (0°C) using a container of ice water. If Ohm reading is 1000, replace display. If Ohm reading is ± 100, replace sensor. Check wires for integrity. Check for proper and secure connections at the control and terminal block. If necessary, re-secure the faulty connections. If error continues call Service.
E-11 or E-21	Sensor Open	<ul style="list-style-type: none"> Detach the sensor from the terminal block. Use an Ohm meter to measure the resistance of the sensor. Check sensor at 32°F (0°C) using a container of ice water. If reading is 1000 Ω, replace display. If reading is $\pm 100 \Omega$, replace sensor. Check wires for integrity. Check for proper and secure connections at the control and terminal block. If necessary, re-secure the faulty connections. If error continues call Service.
E-30	Under Temp Error (Blanket warmers only)	<ul style="list-style-type: none"> Blanket chamber temperature has been lower than the set temperature for 90 minutes or longer. Check that door is closed. Verify that the high limit switch located at the rear of the unit has not been tripped. If it has been tripped, reset by pressing in the limit reset button. After resetting, the cause of the high limit trip must be corrected. If the high limit switch will not reset, the high limit switch is defective and must be replaced. <i>This is a safety device and must not be jumped out or removed from the circuit.</i>
E-31	Over Temp	<ul style="list-style-type: none"> Unit may be overloaded. Redistribute inventory. <i>Do not exceed height of basket assembly.</i> Check sensor at 32°F (0°C) using a container of ice water. The sensor reading should be 1000 Ω. Control may be defective. Relay (solid state) may be defective. If error continues call Service.
E-60	Depleted Electrical Charge	<ul style="list-style-type: none"> Unit has been unplugged for an extended period of time and the charge has weakened. Make sure that the circuit breaker switch at the rear of unit and the control are turned ON and the control displays the E-60 error for a minimum of 30 minutes. Reset date and time. Leaving the control ON, flip the circuit breaker switch on the rear of the unit OFF for approximately 10 seconds. Flip the circuit breaker switch back ON, and when the control reinitializes the error code should clear. In order for the unit to fully recharge it should remain plugged in and power circuit breaker switch turned ON for at least 24 hours after resetting. If error continues, replace control.
E-82	Calibration Data Error	<ul style="list-style-type: none"> Call Service.
E-86	Configuration Error	<ul style="list-style-type: none"> Call Service.
E-97	Data Key Missing	<ul style="list-style-type: none"> Check if data key has come loose. Tighten if loose. If error continues call Service.
E-98	RTD Error	<ul style="list-style-type: none"> Inspect sensors. Follow instructions for E-10 error code. If error continues call Service.
E-99	Hardware Over Temp	<ul style="list-style-type: none"> Inspect connections and condition of high limit bimetal thermostat. If error continues call Service.
Data does not transfer when USB flash drive is inserted into USB port		<ul style="list-style-type: none"> Make sure V-Drive Cable is plugged in correctly to rear of control. Try another brand of USB flash drive. If error continues call Service.

NOTE: All error codes must be cleared using the circuit breaker switch or power cord on the rear of the unit.

Manual Reset Instructions: Locate the manual reset button on back of unit. Using a pen, screwdriver or other long, thin implement, firmly push reset button. You will hear an audible click when the button is reset. If reset button trips again while unit is running, contact a qualified service technician.



P-2110 SERVICE PARTS LIST

P-2110

FLUID WARMING CABINET

10/09

DESCRIPTION ELECTRICAL	QTY	PART NO.
1. BEEPER, SOLID STATE	1	.....BP-3567
2. CIRCUIT BREAKER SWITCH	1	....SW-33826
3. CONNECTOR, 4 PIN	1	....CR-33763
4. CONNECTOR, 9 PIN	1	....CR-33718
5. CONNECTOR, 3 PIN	2	....CR-33720
6. CONNECTOR, 3 POS*	1	....CR-34597
7. CONNECTOR, 6 POS*	1	....CR-34598
8. CONNECTOR, DUAL SPADE*	4	....CR-3849
9. CONTROL ASSEMBLY*	1	....CC-34581
10. CORDSET, HOSPITAL GRADE, 10FT (3M)	1	....E3025CD
11. DOOR SWITCH*	1	....SW-33559
12. FAN MOTOR†	1	.....E3034FA
13. FAN BLADE	1	....FA-34604
14. FAN GUARD*	1	....1009717
15. FILTER	1	.....E3047FI
16. FERRITE MAGNET	1	.....FI-34625
17. GROUND SCREW	1	.....SC-2190
18. LED LAMP ASSY	1	....LP-34578
19. POWER SUPPLY BOARD	1	....BA-34693
20. RELAY, 12V DC, COIL	1	....RL-34434
21. RELAY, 230V, 25A, ZERO CROSSING	1	....RL-33829
22. SENSOR	2	....SN-34560
23. SENSOR BLOCK	1	....BK-28344
24. STRAIN RELIEF BUSHING	1	....BU-334836
25. TERMINAL BLOCK, 3 FORM COMPRESS	1	.....BK-3019
26. TERMINAL BLOCK, PORCELAIN	2	....BK-34616
27. THERMOSTAT, HI-LIMIT*	1	.....E3040TT
28. THERMOSTAT, MANUAL RESET	1	.....E3030TT
29. V-DRIVE USB PORT	1	....5009722
30. V-DRIVE CABLE	1	....CB-34564

DESCRIPTION MECHANICAL HARDWARE	QTY	PART NO.
31. BASKET	1	....BS-28518
32. BASKET SUPPORT ASSEMBLY	1	....5009036
33. BOTTOM ASSEMBLY*	1	.....E1130
34. BUMPER FEET	4	....BM-22606
35. CASING	1	....1009697
36. CONTROL PANEL OVERLAY*	1	....PE-28314
37. DOOR GASKET ASSEMBLY*	1	....E2132GS
38. DOOR HANDLE	1	....HD-24171
39. DRAWER SLIDE GUIDE	1	....GI-25941
40. HINGE SET (1 SET OF 2 HINGES)	1	....HG-2015
41. INSULATION: 24" X 48" PIECE*	1	.....IN-2003
42. TOP	1	....1001349
43. WINDOW DOOR ASSEMBLY, RIGHT HAND	1	....5009043

OPTIONS AND ACCESSORIES (NOT SHOWN)		
44. CART WITH CASTERS	CONTACT FACTORY	
45. CASTERS, 3" (76mm)*	.....	14227
46. CASTERS, 5" (127mm)*	.....	4007
47. COMBINATION LOCK KIT	.....	5008370
48. LOCK FOR DOOR HANDLE	.....	LK-2763
49. LEG KIT, 6" (152mm)	.....	5205
50. STACKING HARDWARE		
P-2010 OVER P-2110	.....	5007142
P-2110 OVER P-2110	.....	5009285

*Platform (E5089) must be ordered as a base when ordering casters or legs for this unit.

† Note: The cavity fan motor has a one year life expectancy. The cavity fan motor parts warranty remains in effect one (1) year from installation or fifteen (15) months from the shipping date, whichever occurs first.

SEE SERVICE VIEWS ON FOLLOWING PAGES.

Heating Cable Replacement Kit No. 4877 (120V)

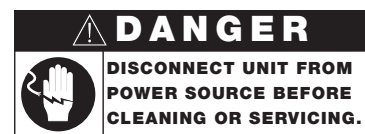
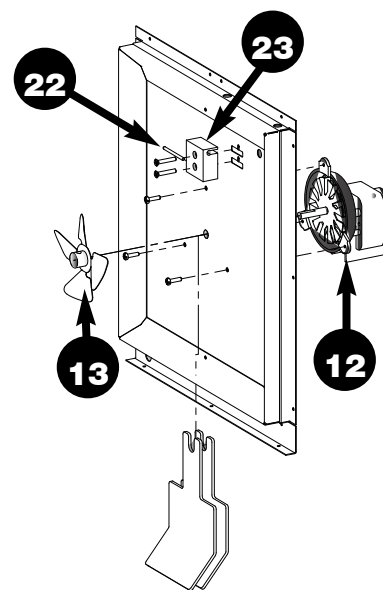
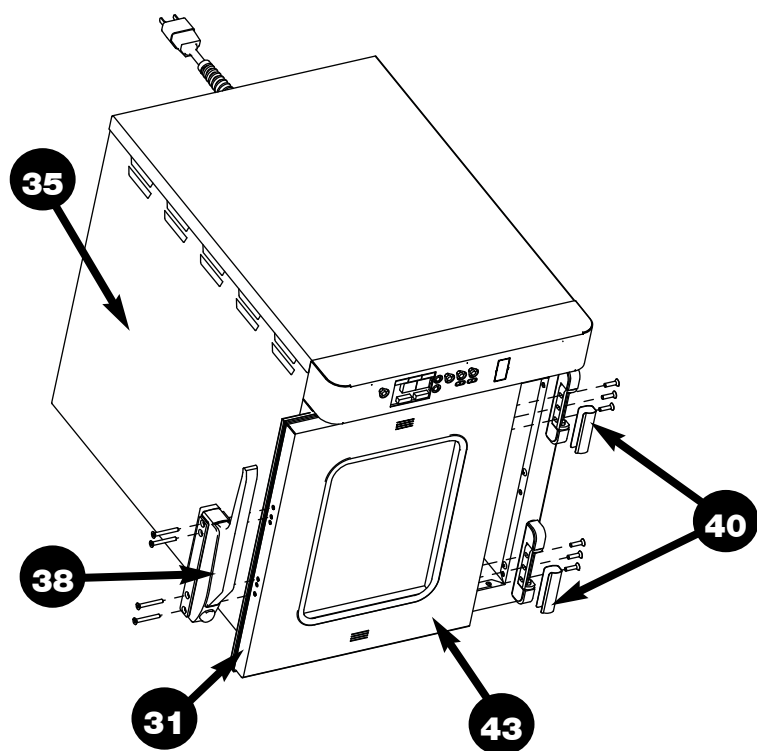
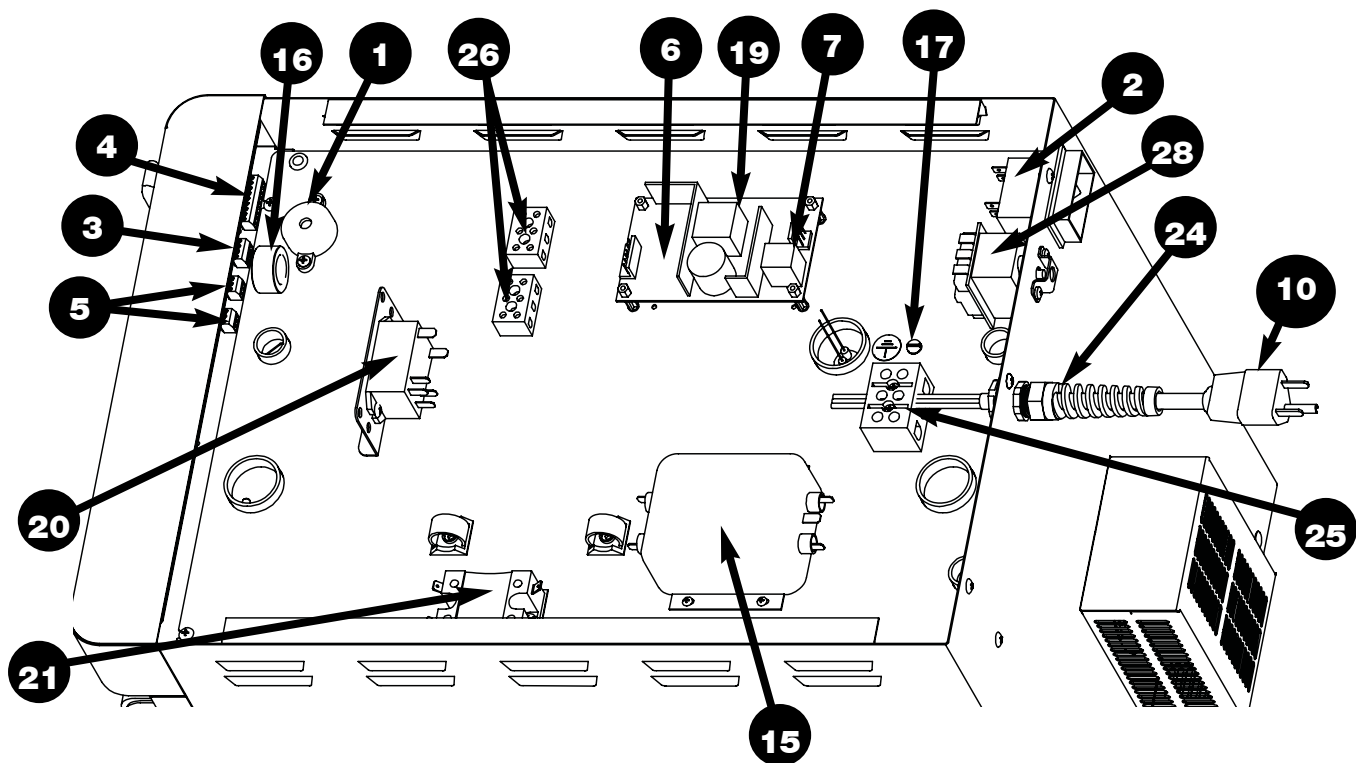
INCLUDES:

CB-3045	CABLE HEATING ELEMENT	37ft (11m)
BU-3106	CUP BUSHING	2
TA-3540	ELECTRICAL TAPE	1 ROLL
NU-2215	HEX NUT	4
IN-3488	INSULATION CORNER	8ft (2m)
SL-3063	INSULATING SLEEVE	2
CR-3226	RING CONNECTOR	2
BU-3105	SHOULDER BUSHING	2
ST-2439	STUD, 10-32	2

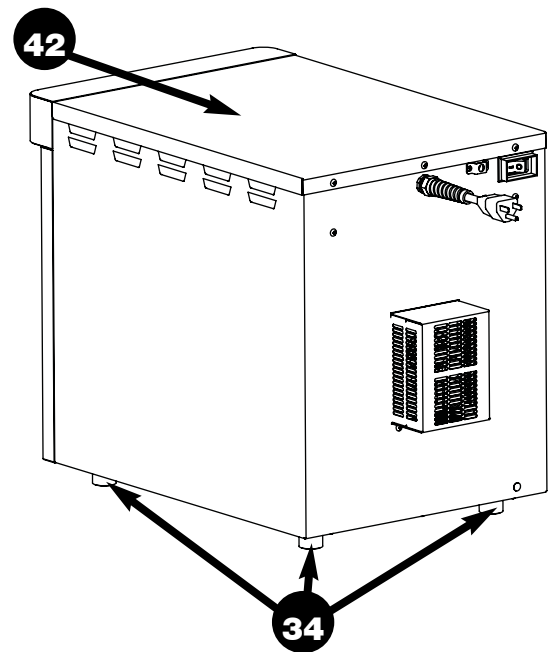
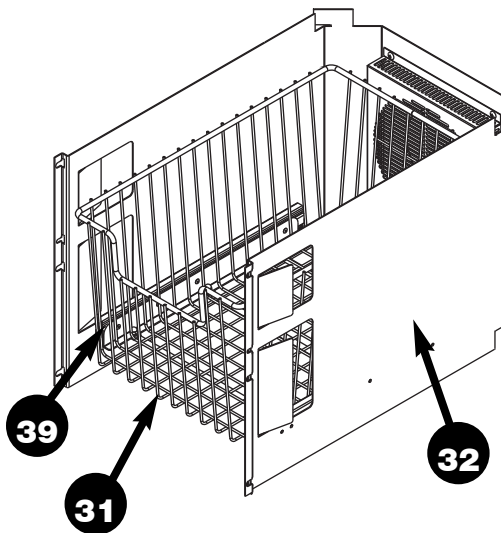
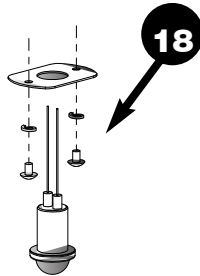
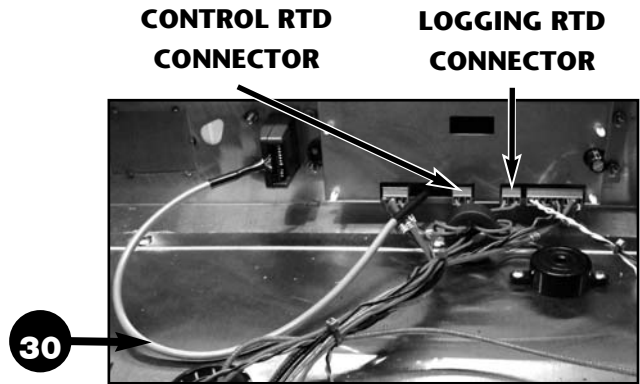
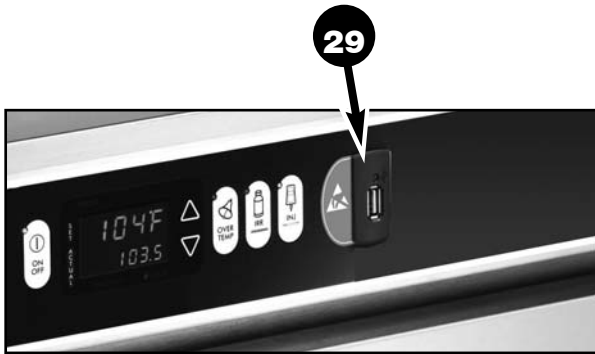
CAUTION

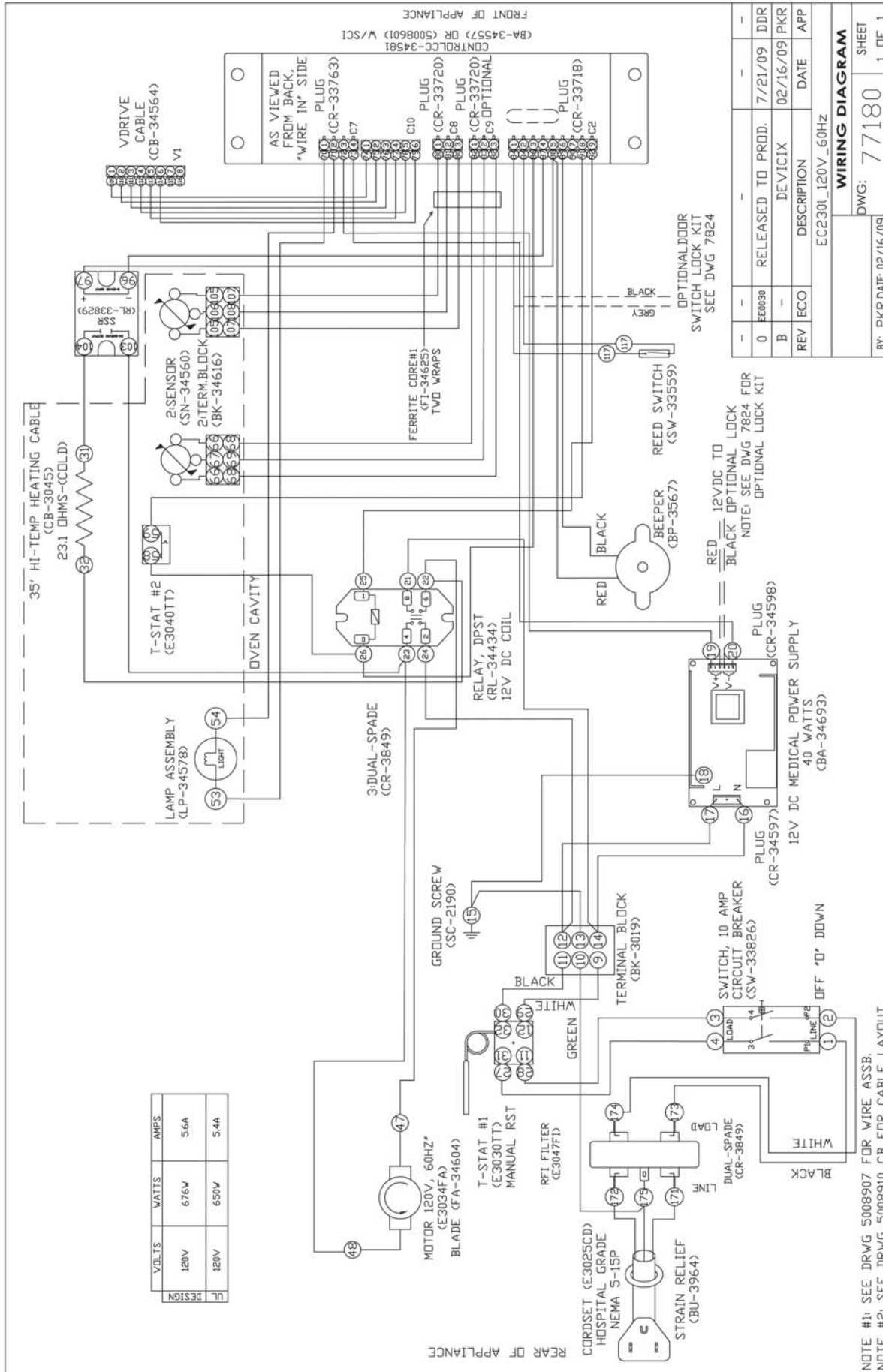
**THIS SECTION IS PROVIDED FOR THE ASSISTANCE
OF QUALIFIED SERVICE TECHNICIANS ONLY AND
IS NOT INTENDED FOR USE BY UNTRAINED OR
UNAUTHORIZED SERVICE PERSONNEL.**

P-2110 SERVICE VIEWS



P-2110 SERVICE VIEWS





P-2120 SERVICE PARTS LIST

P-2120

FLUID WARMING CABINET

10.09

T	DESCRIPTION	QTY	PART NO.	DESCRIPTION	QTY	PART NO.	
ELECTRICAL				MECHANICAL HARDWARE			
1.	BEEPER, SOLID STATE	1	.....BP-3567	34.	BASKET	2	.....BS-28517
2.	CIRCUIT BREAKER SWITCH	1	....SW-33826	35.	BASKET SUPPORT ASSEMBLY (NOT SHOWN)	1	.....5003044
3.	CONNECTOR, 3 PIN	1	....CR-33720	36.	CASTERS, 5" (127mm) RIGID	2	....CS-24874
4.	CONNECTOR, 4 PIN	1	....CR-33763	37.	CASTERS, 5" (127mm) SWIVEL W/ BRAKE	2	....CS-24875
5.	CONNECTOR, 9 PIN	1	....CR-33718	38.	CONTROL PANEL OVERLAY (NOT SHOWN)	1	....PE-25581
6.	CONNECTOR, FULLY INSULATED	2	.....CR-3806	39.	DOOR GASKET ASSEMBLY	1	....GS-22950
7.	CONNECTOR, DUAL SPADE	2	.....CR-3849	40.	DOOR HANDLE	1	....HD-24171
8.	CONTROL ASSEMBLY	1	....CC-34581	41.	DRAWER SLIDE GUIDE	2	....GI-25941
9.	CORDSET, HOSPITAL GRADE, 10ft (3m) (120V)	1	....E3025CD	42.	FULL PERIMETER RUBBER BUMPER	1	.....44108
10.	CORDSET, UK, BS 1363, 8ft (2m) (230V)	1	....CD-33925	43.	HINGE SET (1 SET OF 2 HINGES)	1	....HG-22338
11.	CORDSET, CEE 7/7, 9ft (3m) (230V)	1	....CD-3922	44.	INSULATION: 24" X 48" X 1/2" PC (NOT SHOWN)	1	.....IN-2003
12.	EQUIPOTENTIAL STUD (230V) (NOT SHOWN)	1	....ST-25670	45.	TOP	1	....5001014
13.	FAN MOTOR (120V)	1	.....E3034FA	46.	WINDOW DOOR ASSEMBLY, LEFT HAND	1	.....E5060
14.	FAN MOTOR (230V)	1	....FA-33947	47.	FAN GUARD	1	....GD-28091
15.	FAN WHEEL	1	....FA-34602	48.	DOOR SWITCH (NOT SHOWN)	1	....SW-3355
16.	FERITE MAGNET	1	.....FI-34625	OPTIONS AND ACCESSORIES (NOT SHOWN)			
17.	GROUND SCREW	1	.....SC-2190	49.	CART WITH CASTERS		
18.	LAMP ASSEMBLY W/ LED LAMP	1	.....LP-		HEIGHT 34-1/2" (876mm)	1	.....722
19.	LAMP, LED	1	....LP-34578	50.	COMBINATION LOCK	1	.....5004663
20.	POWER SUPPLY BOARD	1	....BA-34693	51.	CYLINDER LOCK FOR DOOR HANDLE	1	.....LK-22567
21.	RELAY, 230v, 25A, ZERO CROSSING	1	....RL-33829	52.	LEGS, 6" (152mm)	1	.....44093
22.	RELAY, 12V DC COIL	1	....RL-34434	53.	STACKING HARDWARE		
23.	SENSOR	2	....SN-34560		P-2120 over P-2120	1	.....5008380
24.	SENSOR GUARD	1	.....1493		P-2020 over P-2120	1	.....5008782
25.	STRAIN RELIEF BUSHING	1	....BU-3243	54.	WINDOW DOOR ASSEMBLY, RIGHT HAND	1	.....E5056
26.	TERMINAL BLOCK, 3 FORM COMPRESS	1	.....BK-3019				
27.	TERMINAL BLOCK, PORCELAIN	1	....BK-33546				
28.	THERMOSTAT, HI-LIMIT (120V)	1	.....E3040TT				
29.	THERMOSTAT, HI-LIMIT (230V)	1	.....E3040TT				
30.	THERMOSTAT, MANUAL RESET	1	.....E3030TT				
31.	FILTER	1	.....E3047FI				
32.	V-DRIVE USB PORT	1	....5009722				
33.	V-DRIVE CABLE	1	....CB-34564				

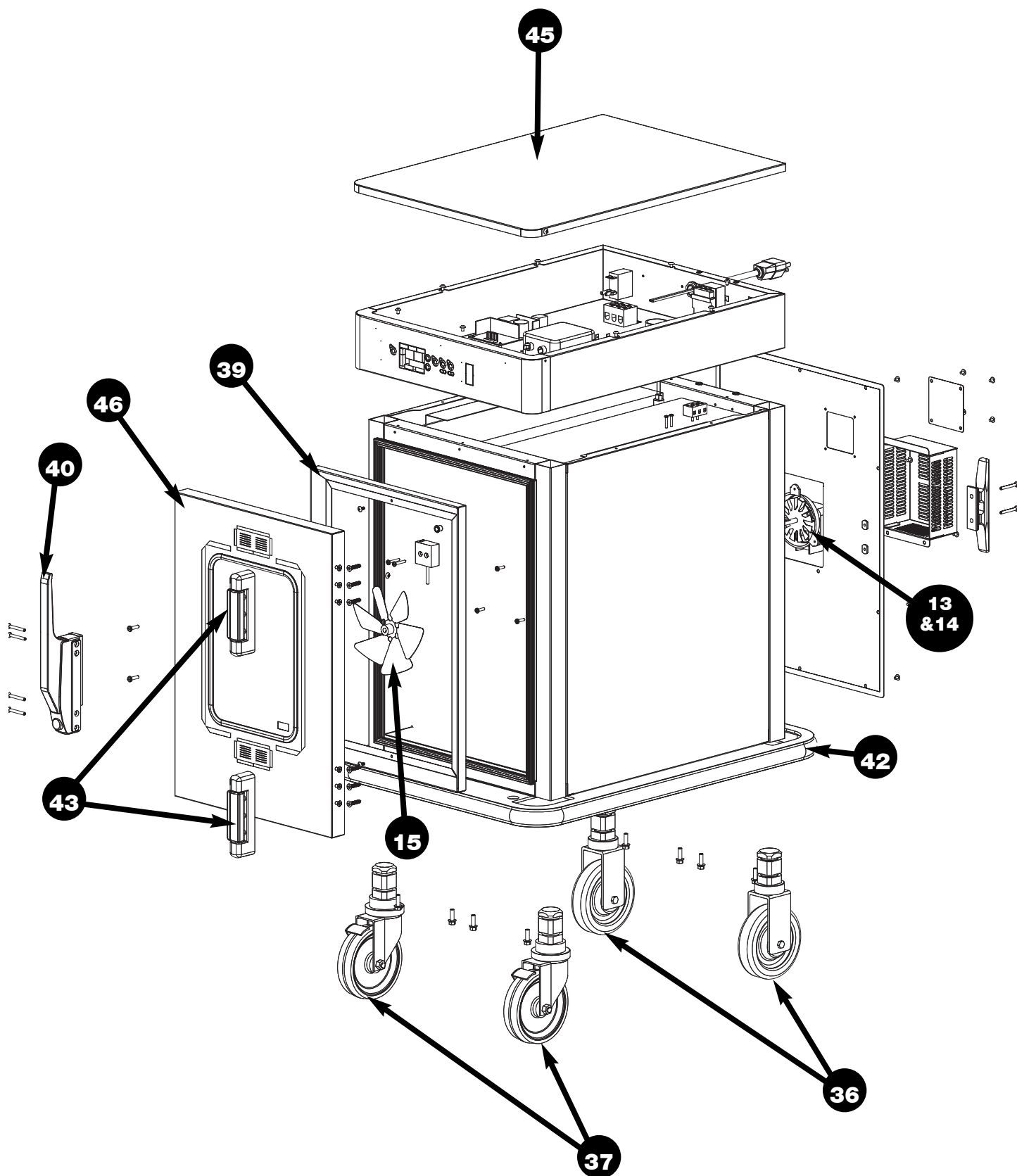
Note: The cavity fan motor has a one year life expectancy. The cavity fan motor parts warranty remains in effect one (1) year from installation or fifteen (15) months from the shipping date, whichever occurs first.

SEE SERVICE VIEWS ON FOLLOWING PAGES.

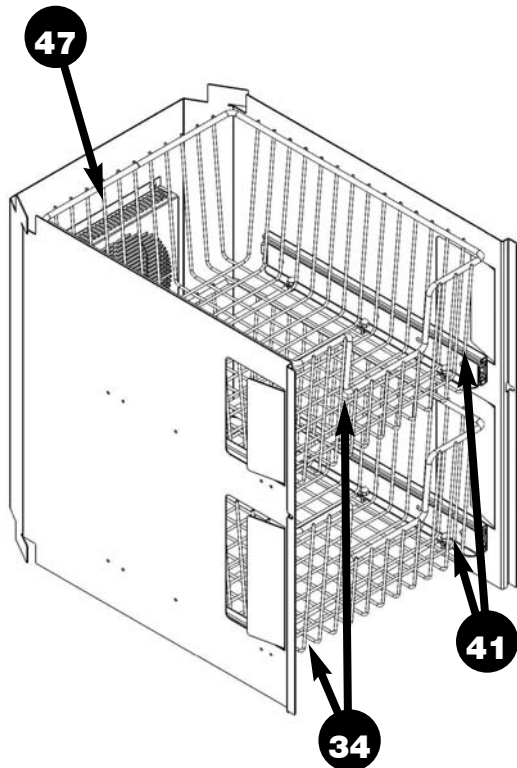
Heating Cable Replacement Kit Number 4880

INCLUDES:		IN-3488	INSULATION CORNER.....08 ROLL
CB-3045	CABLE HEATING ELEMENT 134 ft (41m)	SL-3063	INSULATING SLEEVE 8
BU-3106	CUP BUSHING..... 8	CR-3226	RING CONNECTOR..... 8
TA-3540	ELECTRICAL TAPE..... 1 ROLL	BU-3105	SHOULDER BUSHING 8
NU-2215	HEX NUT..... 32	ST-2439	STUD, 10-32 8

P-2120 SERVICE VIEWS

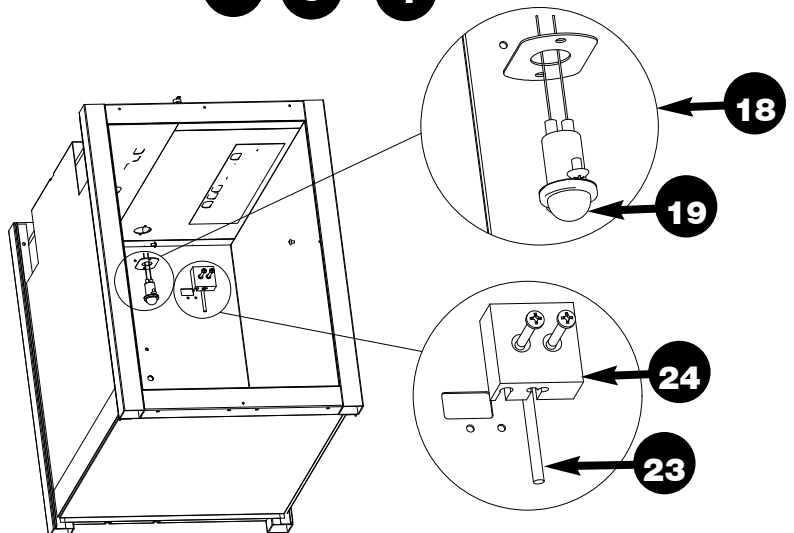
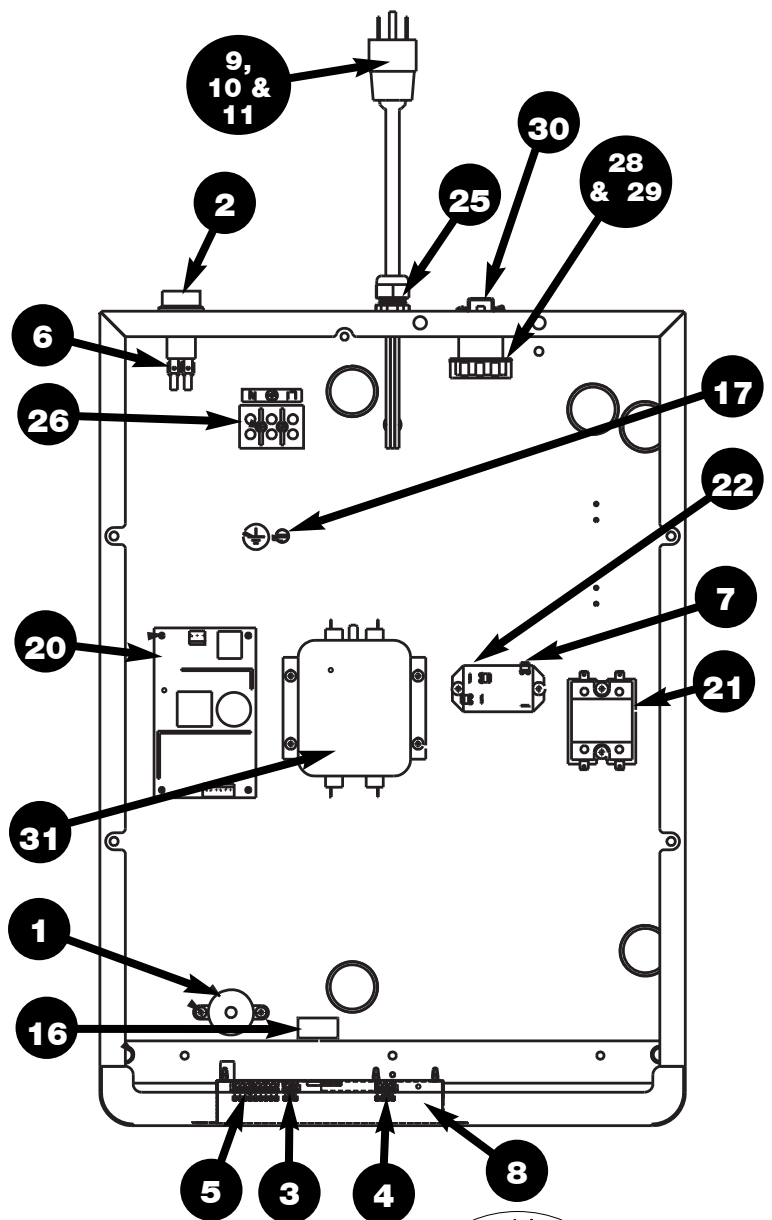
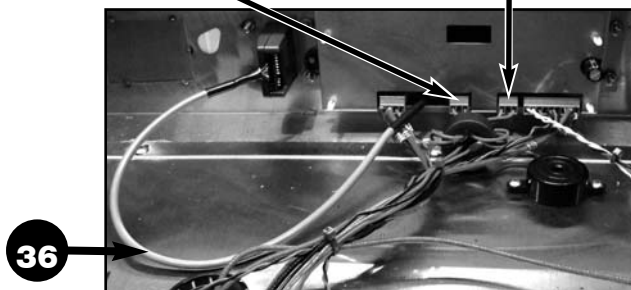


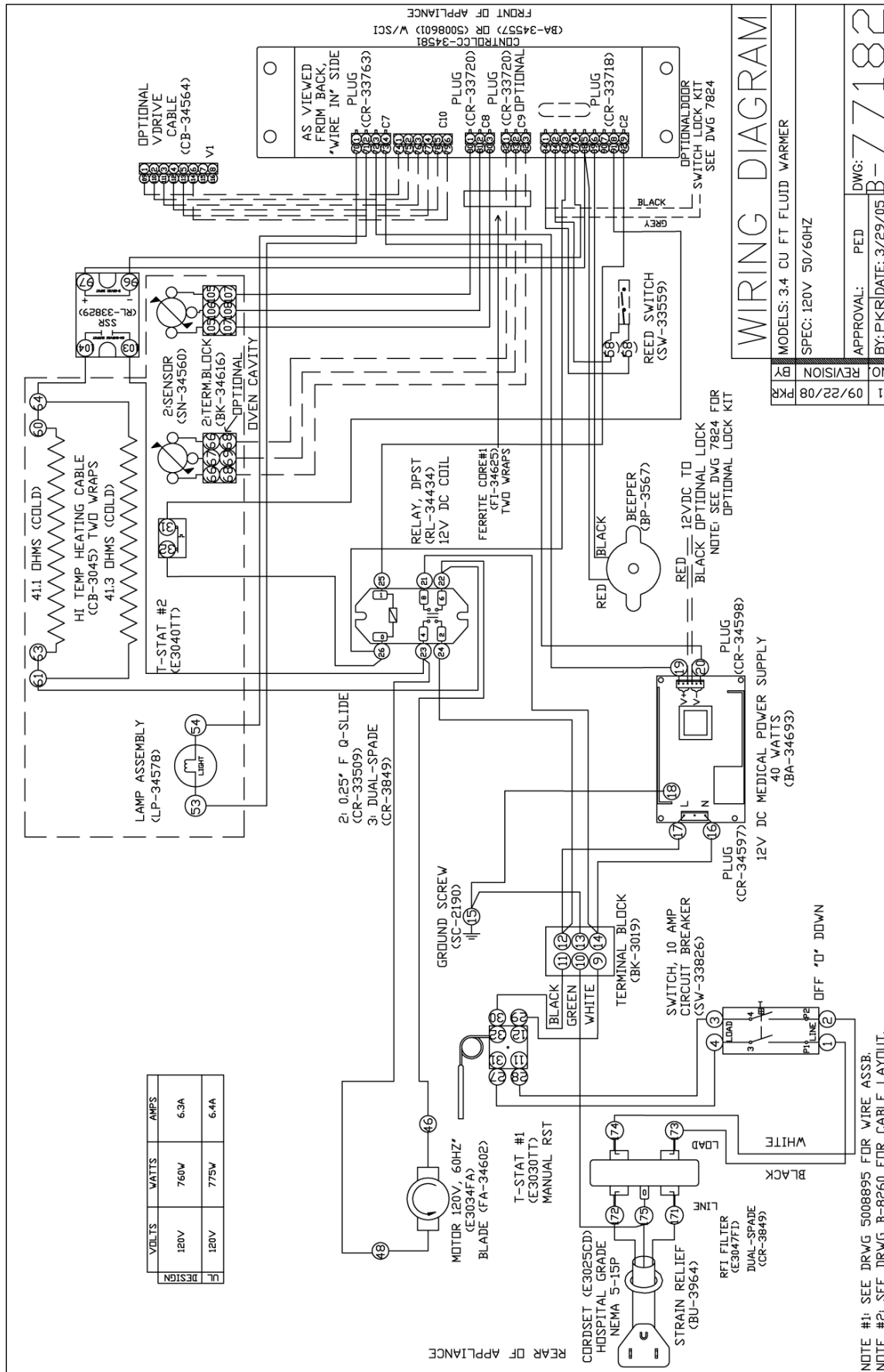
P-2120 SERVICE VIEWS



CONTROL RTD
CONNECTOR

LOGGING RTD
CONNECTOR





WIRING DIAGRAM			
MODELS: 3.4 CU FT FLUID WARMER			
SPEC: 120V 50/60HZ			
NO	REVISION	BY	DATE
1	09/22/08	PKR	
APPROVAL: PED		DWG: B-77182	
BY: PKR		DATE: 3/29/05	

P-2130 SERVICE PARTS LIST

P-2130

FLUID WARMING CABINET

10/09

DESCRIPTION	QTY	PART NO.	DESCRIPTION	QTY	PART NO.
ELECTRICAL			MECHANICAL HARDWARE		
1. BEEPER, SOLID STATE	1	BP-3567	27. BASKET	3	BS-28516
2. CIRCUIT BREAKER SWITCH	1	SW-33858	28. BASKET LH ANGLE BRACKET	3	1002303
3. CONNECTOR, 4 PIN (C7)	1	CR-33763	29. BASKET RH ANGLE BRACKET	3	1002304
4. CONNECTOR, 9 PIN (C2)	1	CR-33718	30. CASTERS, 5" (127MM) RIGID	2	CS-24874
5. CONNECTOR, 3 PIN(C8)	1	CR-33720	31. CASTERS, 5" (127mm) SWIVEL W/ BRAKE	2	CS-24875
6. CONTROL ASSEMBLY	1	CC-34581	32. CONTROL PANEL OVERLAY (NOT SHOWN)	1	PE-25580
7. CORDSET, HOSPITAL GRADE, 10ft (3m) (NOT SHOWN)	1	E3025CD	33. CORD GRIP ASSEMBLY (NOT SHOWN)	1	5003476
8. BOX FAN	1	FA-3973	34. DOOR GASKET	1	GS-23794
9. CAVITY FAN MOTOR	1	E3044FA	35. DOOR HANDLE	1	HD-24171
10. FAN WHEEL	1	FA-34603	36. DRAWER SLIDE GUIDE (NOT SHOWN)	2	GI-25942
11. AIR DEFLECTOR (NOT SHOWN)	1	1007834	37. FULL PERIMETER ALUMINUM BUMPER	1	5003357
12. GROUND SCREW	1	SC-2190	38. HINGE SET (1 SET OF 2 HINGES)	1	HG-22338
13. LAMP ASSEMBLY	1	LP-34578	39. INSULATION: 24" X 48" X 1/2" PIECE (NOT SHOWN)	1	IN-2003
14. POWER SUPPLY BOARD	1	BA-34693	40. TOP	1	5003367
15. RELAY, 230v, 25A, ZERO CROSSING	1	RL-33829	41. WINDOW DOOR ASSEMBLY, RH	1	5001253
16. RELAY, 30A, 12V DC COIL	1	RL-34434	42. FAN GUARD (NOT SHOWN)	1	GD-28091
17. SENSOR	2	SN-34560	OPTIONS AND ACCESSORIES (NOT SHOWN)		
18. STRAIN RELIEF BUSHING (NOT SHOWN)	1	BU-3964	43. COMBINATION LOCK KIT	1	5004663
19. TERMINAL BLOCK, 3 FORM COMPRESS	1	BK-3019	44. CYLINDER LOCK FOR DOOR HANDLE	1	LK-22567
20. TERMINAL BLOCK, PORCELAIN (NOT SHOWN)	1	BK-34616	45. LEG KIT, 6" (152mm)	1	44093
21. THERMOSTAT, HI-LIMIT (120V) BIMETAL (NOT SHOWN)	1	E3040TT	46. STACKING HARDWARE EC770I over EC770I	1	5008360
22. THERMOSTAT MANUAL RESET	1	E3030TT	EC770 over EC770I	1	5009255
23. DOOR SWITCH (NOT SHOWN)	1	SW-33559	47. WINDOW DOOR ASSEMBLY, LH	1	E5060
24. FILTER	1	E3047FI			
25. V-DRIVE USB PORT	1	5009722			
26. V-DRIVE CABLE	1	CB-34564			

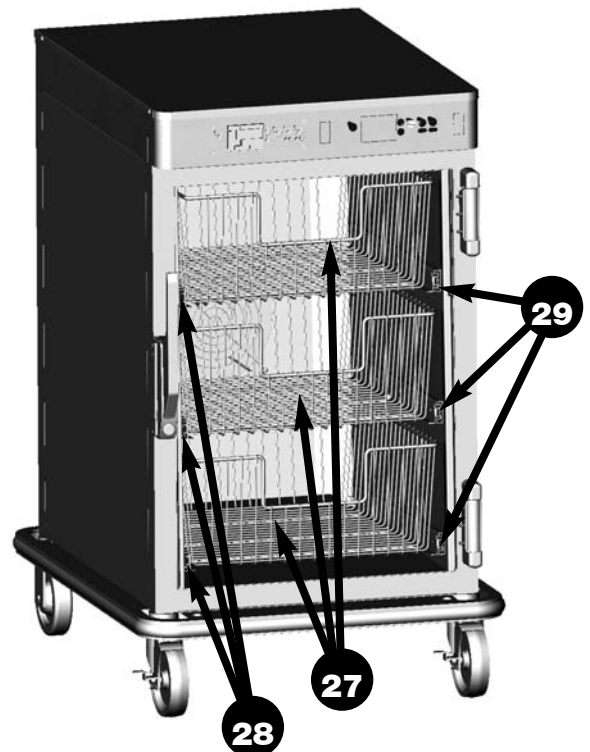
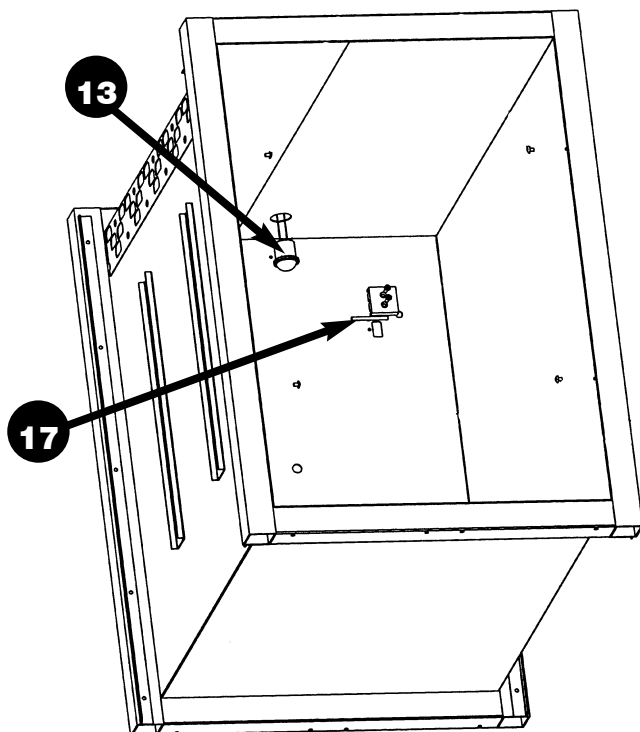
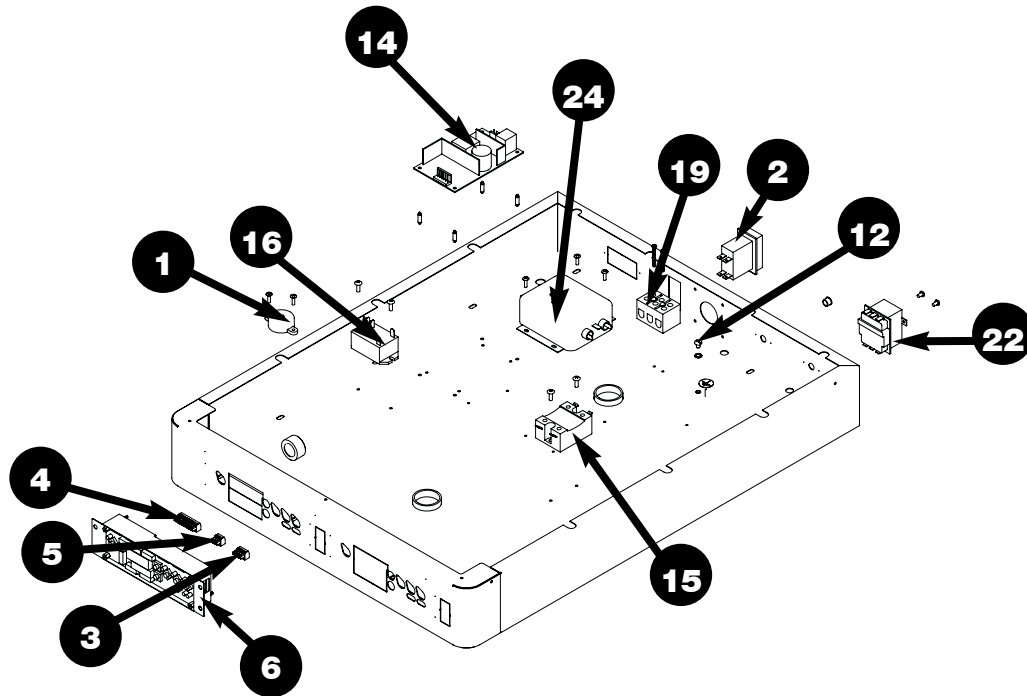
Note: The cavity fan motor has a one year life expectancy. The cavity fan motor parts warranty remains in effect one (1) year from installation or fifteen (15) months from the shipping date, whichever occurs first.

SEE SERVICE VIEWS ON FOLLOWING PAGES.

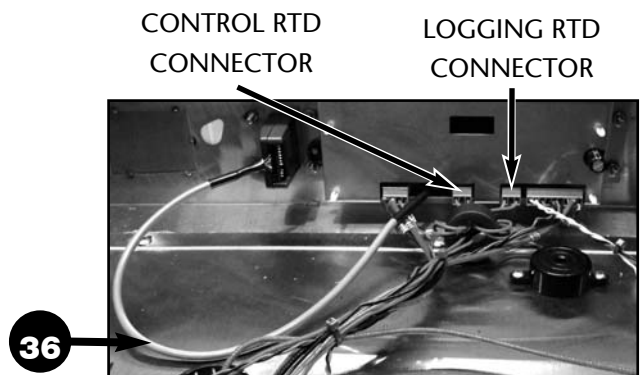
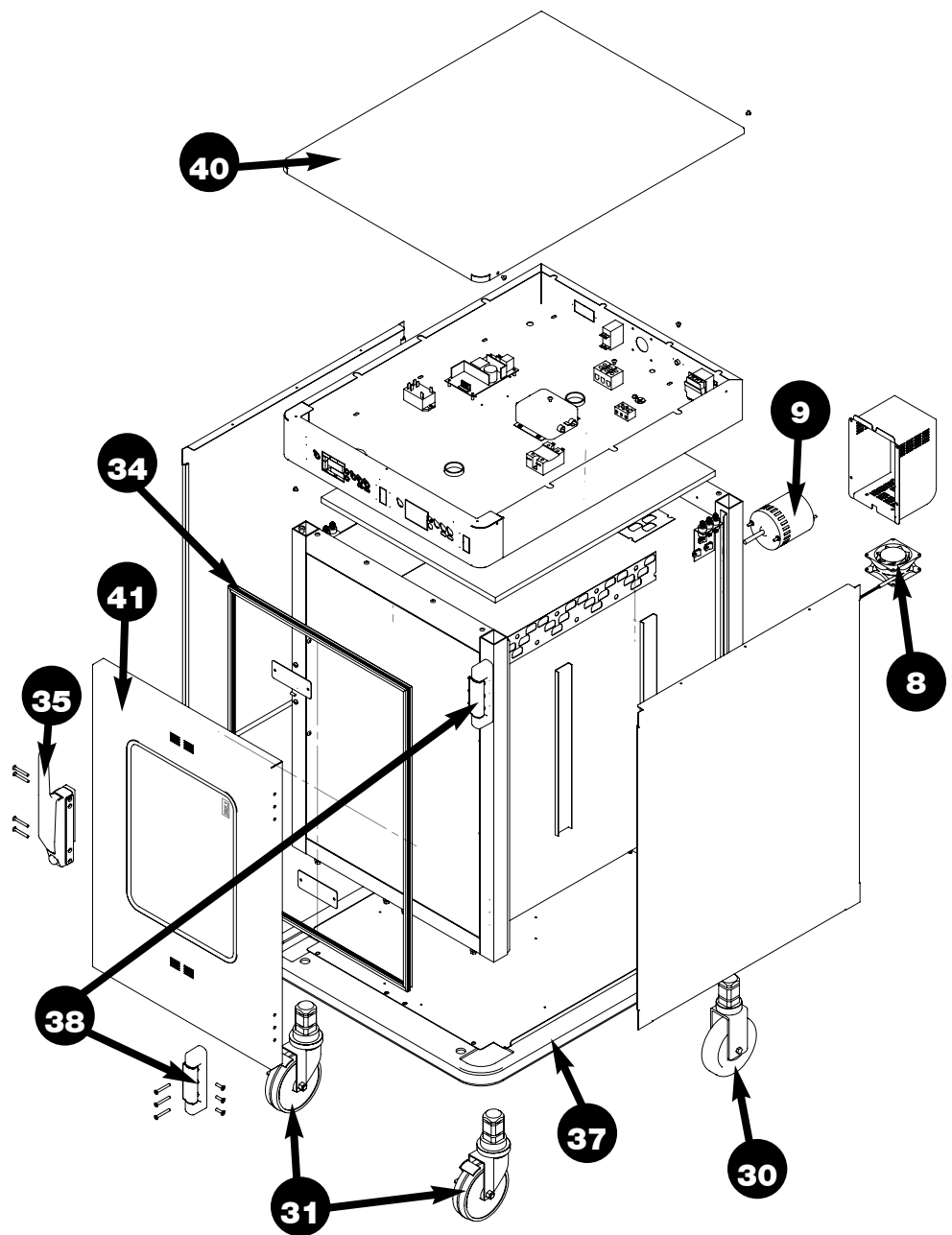
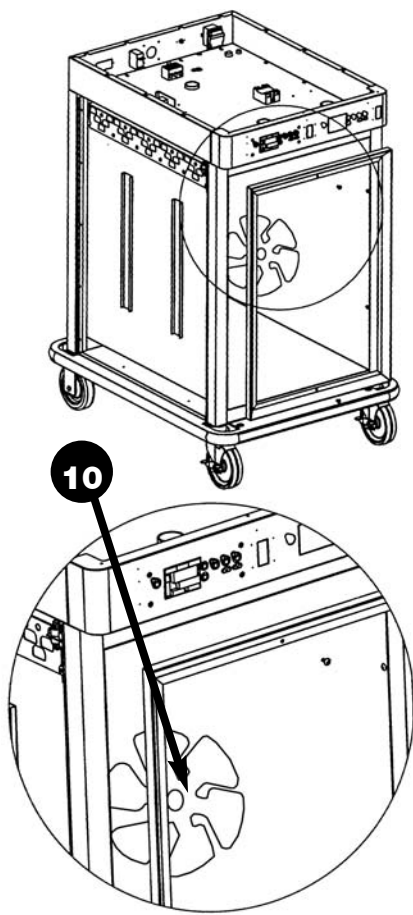
Heating Cable Replacement Kit No. 4881

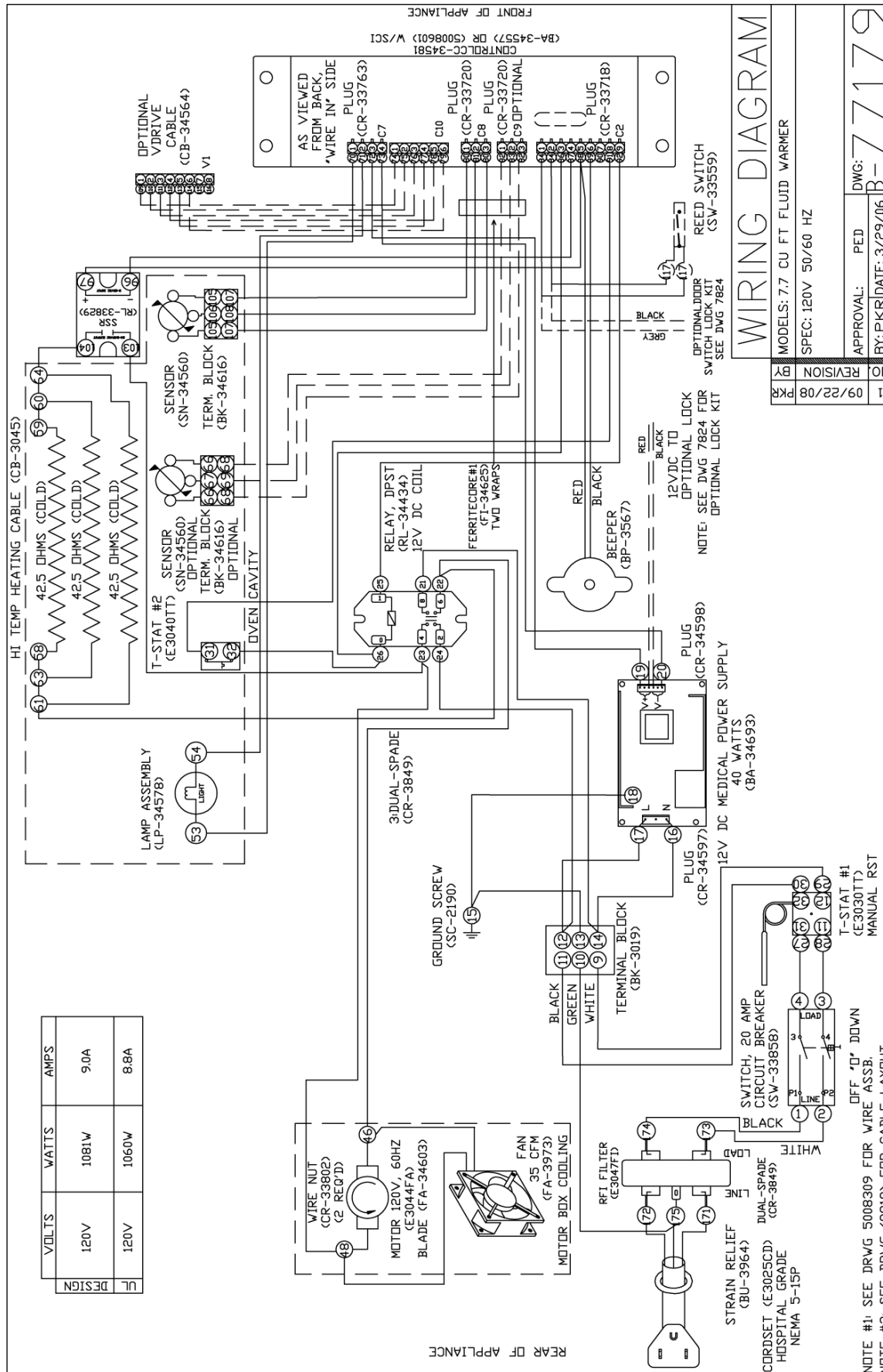
INCLUDES:		IN-3488	INSULATION CORNER	8ft (2m)	
CB-3045	CABLE HEATING ELEMENT	210 ft (64m)	SL-3063	INSULATING SLEEVE	12
BU-3106	CUP BUSHING	12	BU-3105	SHOULDER BUSHING	12
TA-3540	ELECTRICAL TAPE	1 ROLL	ST-2439	STUD, 10-32	12
NU-2215	HEX NUT	24	CR-3226	RING CONNECTOR	122

P-2130 SERVICE VIEWS



P-2130 SERVICE VIEWS





TRANSPORTATION DAMAGE AND CLAIMS

All Pedigo equipment is sold F.O.B. shipping point, and when accepted by the carrier, such shipments become the property of the consignee.

Should damage occur in shipment, it is a matter between the carrier and the consignee. In such cases, the carrier is assumed to be responsible for the safe delivery of the merchandise, unless negligence can be established on the part of the shipper.

1. Make an immediate inspection while the equipment is still in the truck or immediately after it is moved to the receiving area. Do not wait until after the material is moved to a storage area.
2. Do not sign a delivery receipt or a freight bill until you have made a proper count and inspection of all merchandise received.
3. Note all damage to packages directly on the carrier's delivery receipt.
4. Make certain the driver signs this receipt. If he refuses to sign, make a notation of this refusal on the receipt.
5. If the driver refuses to allow inspection, write the following on the delivery receipt:

Driver refuses to allow inspection of containers for visible damage.

6. Telephone the carrier's office immediately upon finding damage, and request an inspection. Mail a written confirmation of the time, date, and the person called.
7. Save any packages and packing material for further inspection by the carrier.
8. Promptly file a written claim with the carrier and attach copies of all supporting paperwork.

We will continue our policy of assisting our customers in collecting claims which have been properly filed and actively pursued. We cannot, however, file any damage claims for you, assume the responsibility of any claims, or accept deductions in payment for such claims.

PEDIGO LIMITED WARRANTY

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.

The labor warranty remains in effect one (1) year from installation or fifteen (15) months from the shipping date, whichever occurs first.

The parts warranty for the cavity fan motor remains in effect one (1) year from installation or fifteen (15) months from the shipping date, whichever occurs first. The parts warranty on all other parts remains in effect three (3) years from installation or thirty-nine (39) months from the shipping date, whichever occurs first.

This warranty does not apply to:

1. Calibration
2. Equipment damage caused by accident, shipping, improper installation or alteration.
3. 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.
4. Any losses or damage resulting from malfunction, including loss of contents or consequential or incidental damages of any kind.
5. 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.
6. 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.

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 nor authorizes any persons to assume for it any other obligation or liability in connection with Pedigo Products, Inc. equipment.

Record the model and serial numbers of the unit for easy reference. Always refer to both model and serial numbers in your correspondence regarding the unit.

Model: _____

Serial Number: _____

Purchased From: _____

Date Installed: _____ Voltage: _____



ALL PEDIGO PRODUCTS ARE PROUDLY MADE IN THE USA