Operation & Care Manual

BLANKET WARMING CABINETS

8280B

8281B

8283B

8284B

8285B

Models:

8280B
8281B
8283B
8284B
8285B

120 V

Mobile Transport & Storage Solutions for

Healthcare

in the 21st Century

BLANKET WARMER CABINETS

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 Lakeside Medical Systems Blanket 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 Lakeside 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.

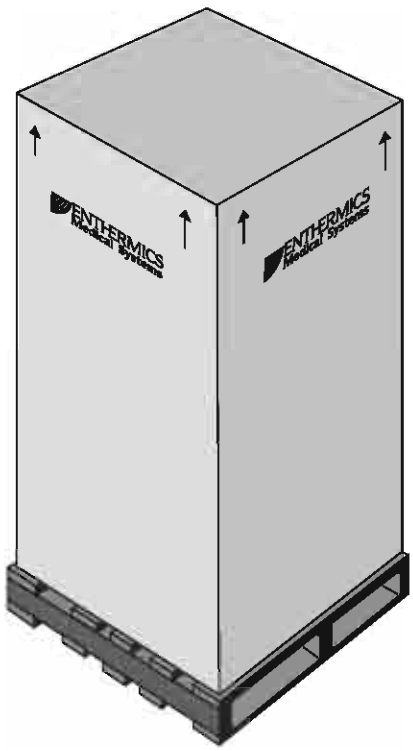
NOTE
DO NOT DISCARD THE CARTON AND OTHER PACKAGING MATERIAL UNTIL YOU HAVE INSPECTED THE UNIT FOR HIDDEN DAMAGE AND TESTED IT FOR PROPER OPERATION.

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 Lakeside 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. Lakeside blanket warmers are intended for warming cotton blankets ONLY. 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

LAKESIDE 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

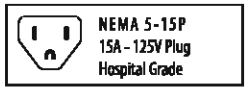
Before operating the cabinet, clean both the interior and exterior of the unit with a damp cloth and mild soap solution. Wipe with an appropriate disinfectant. Clean and install the cabinet basket assembly.

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.

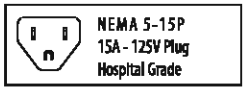
POWER REQUIREMENTS - 8280B

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



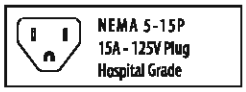
POWER REQUIREMENTS - 8281B

- 120 V.A.C. — 50/60 Hz, 1 ph
- 700 Watts, 6.0 Amps
- Safety Class I Equipment



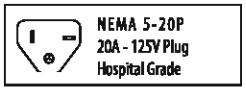
POWER REQUIREMENTS - 8283B

- 120 V.A.C. — 50/60 Hz, 1 ph
- 1000 Watts, 8.0 Amps
- Safety Class I Equipment



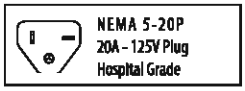
POWER REQUIREMENTS - 8284B

- 120 V.A.C. — 50/60 Hz, 1 ph
- 2000 Watts, 16.0 Amps
- Safety Class I Equipment



POWER REQUIREMENTS - 8285B

- 120 V.A.C. — 50/60 Hz, 1 ph
- 1700 Watts, 14.2 Amps
- Safety Class I Equipment



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

Medical Equipment classified 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.

UL File No. E201645

UL FILE #		MADE IN USA
MODEL		
WATTS		
VOLTS	1 PH	Hz
SERIAL#		

To prevent an electrical shock hazard between the appliance and other appliances or metal parts in close vicinity, an equalization-bonding stud is provided. An equalization bonding lead must be connected to this stud and the other appliances / metal parts to provide sufficient protection against potential difference. The terminal is marked with the following symbol.

HAZARDOUS VOLTAGE PRESENT

DANGER

AT NO TIME SHOULD THE INTERIOR OR EXTERIOR BE STEAM CLEANED, HOSED DOWN, OR FLOODED WITH WATER OR LIQUID SOLUTION OF ANY KIND.

DO NOT USE WATER JET TO CLEAN. SEVERE DAMAGE OR ELECTRICAL HAZARD COULD RESULT.

WARRANTY BECOMES VOID IF APPLIANCE IS FLOODED

DANGER

ENSURE POWER SOURCE MATCHES VOLTAGE STAMPED ON APPLIANCE NAMEPLATE.

GENERAL INFORMATION

This warming cabinet is designed to elevate blanket temperatures to a level which will increase patient comfort.

The 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 the patented Halo Heat® 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. The design and operational characteristics of the cabinet eliminate the need for a heat circulating fan.

The electronic control consists of a 4 digit L.E.D. display, on/off key, increase and decrease keys, integrated lock feature and a series of prompt sequence indicators.
The electronic control has an adjustable temperature range of 37° to 94°C (98° to 200°F). A warming shut-off system, separate from the electronic control, prevents overheating.

The TIMER key allows the user to program the control to automatically turn on and turn off once during a 24 hour period at selected times. 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 this blinking.

8280B INFORMATION

The 8280B warming cabinet is equipped with one (1) white, epoxy-coated blanket support assembly. The cabinet is furnished with four (4) 1-1/4" (31mm) non-skid rubber feet.

8281B INFORMATION

The 8281B warming cabinet is equipped with one (1) white, epoxy-coated blanket support assembly and one (1) center shelf. The cabinet is furnished with one (1) set of 5" (127mm) heavy duty casters, two with locking brake.

8283B INFORMATION

The 8283B warming cabinet is equipped with one (1) white, epoxy-coated blanket support assembly and one (1) center shelf. The cabinet is furnished with one (1) set of 5" (127mm) heavy duty casters, two with locking brake.

8284B INFORMATION

Each 8284B chamber is equipped with one (1) white, epoxy-coated blanket support assembly and one (1) center shelf. The cabinet is furnished with one (1) set of 5" (127mm) heavy duty casters, two with locking brake.

8285B INFORMATION

Each 8285B chamber is equipped with a white epoxy-coated blanket support assembly and two (2) center shelves. The cabinet is furnished with one (1) set of 5" (127mm) heavy duty casters, two with locking brake.

⚠ DANGER

AT NO TIME SHOULD THE INTERIOR OR EXTERIOR BE STEAM CLEANED, HOSED DOWN, OR FLOODED WITH WATER OR LIQUID SOLUTION OF ANY KIND.
DO NOT USE WATER JET TO CLEAN.

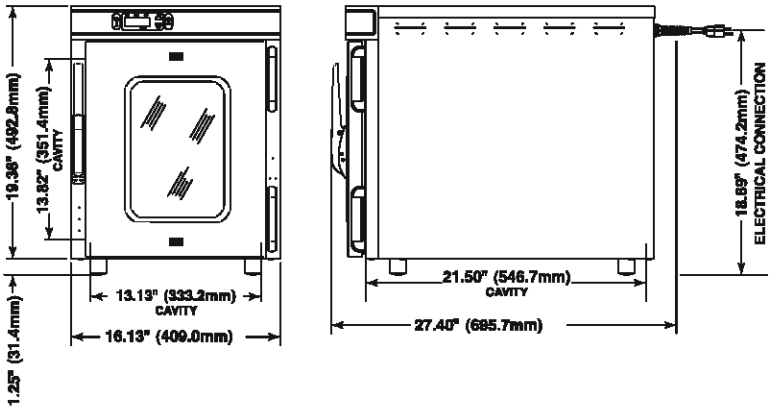
SEVERE DAMAGE OR ELECTRICAL HAZARD COULD RESULT.

WARRANTY BECOMES VOID IF APPLIANCE IS FLOODED.

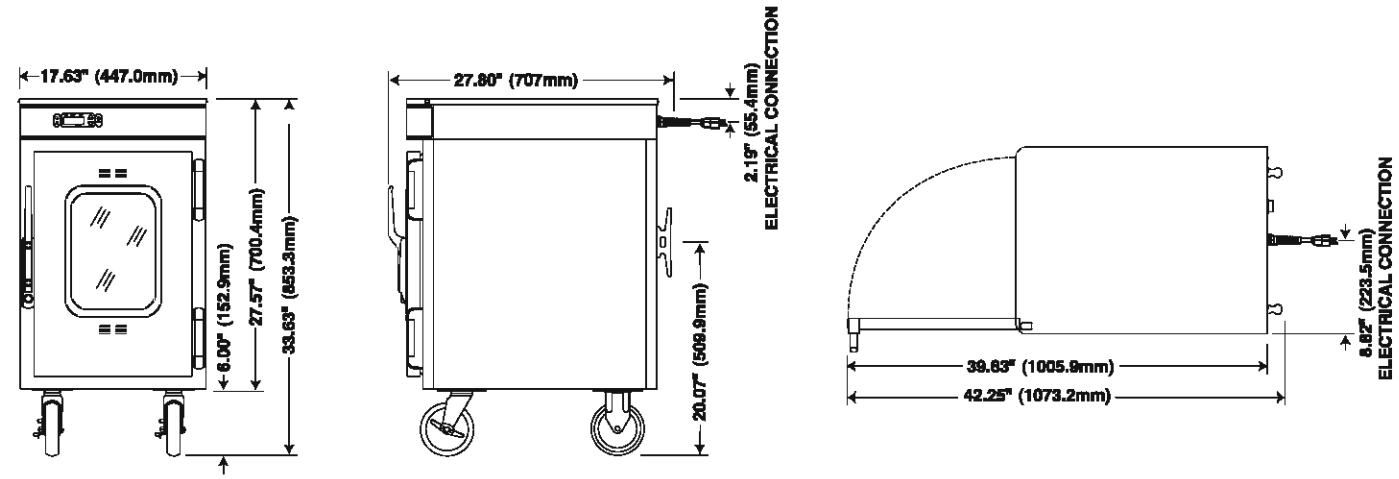
⚠ DANGER

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!

8280B DIMENSIONS



8281B DIMENSIONS



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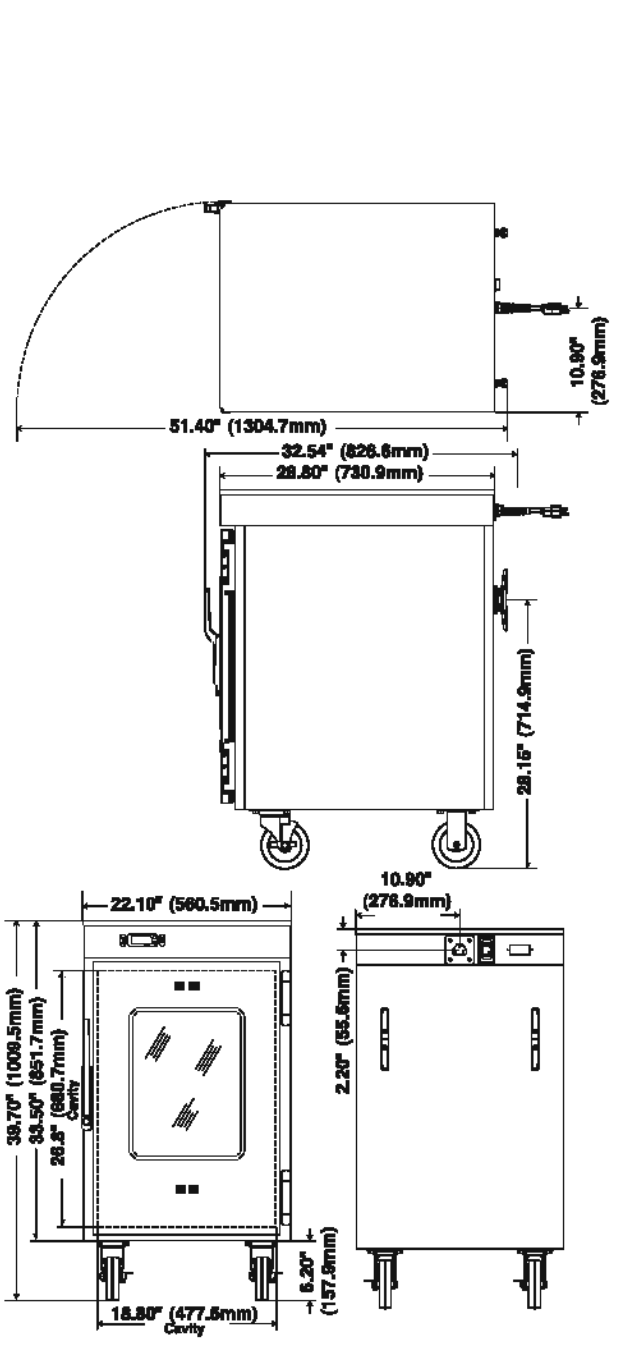
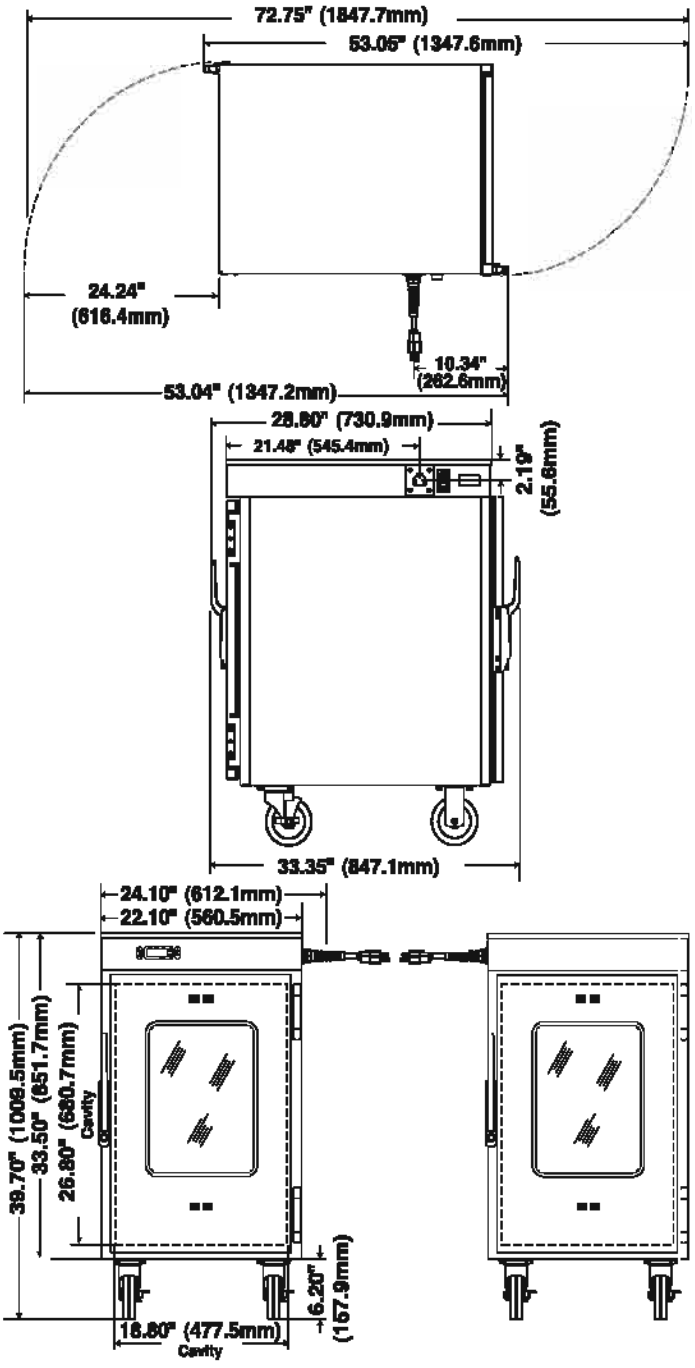
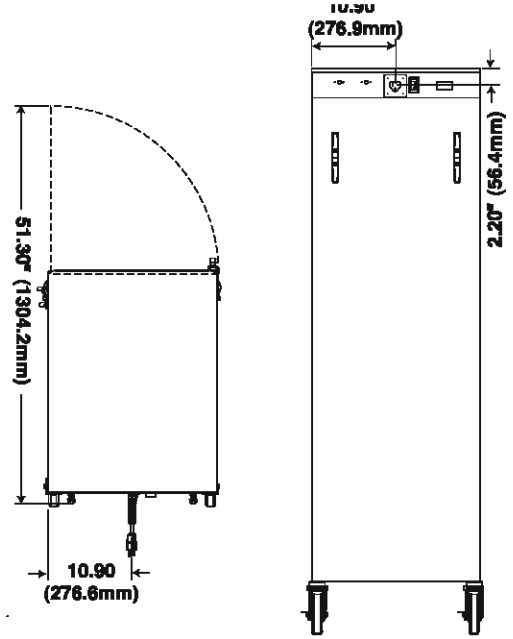


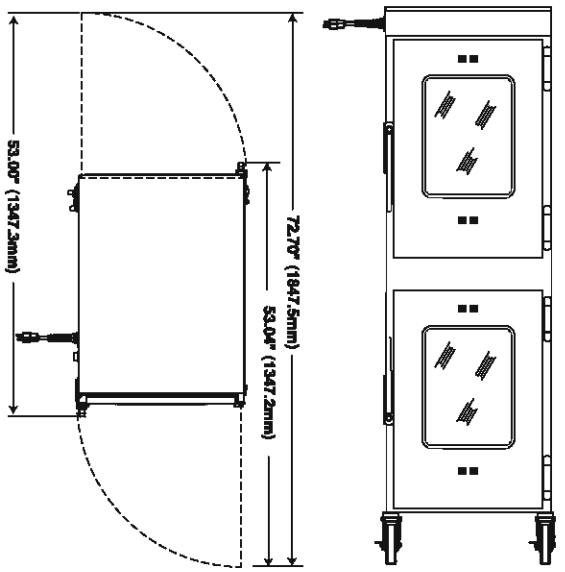
REACH IN

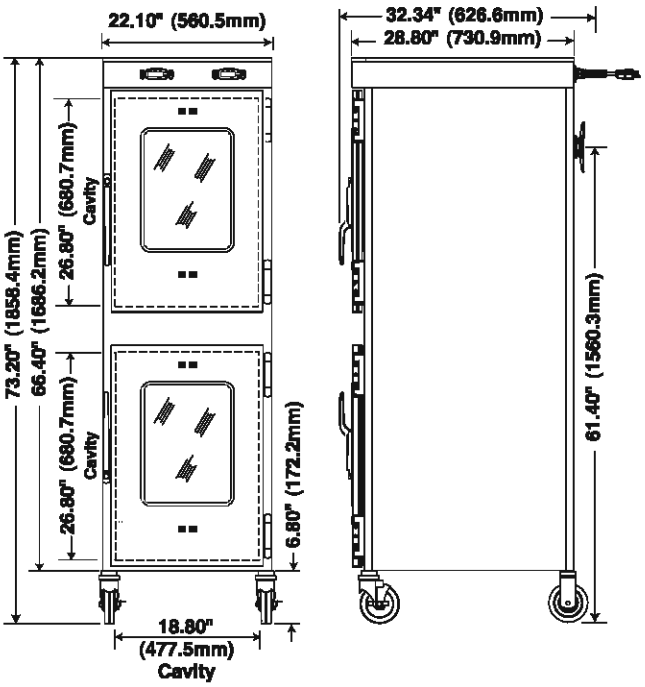


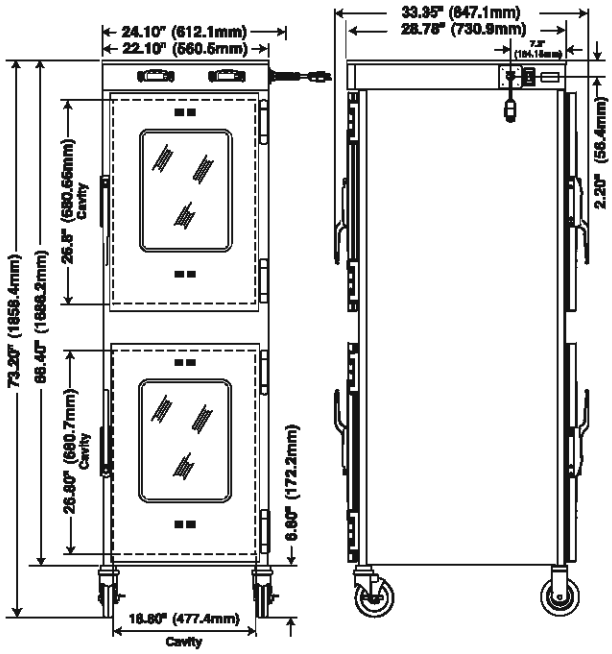
PASS THRU

8284B DIMENSIONS





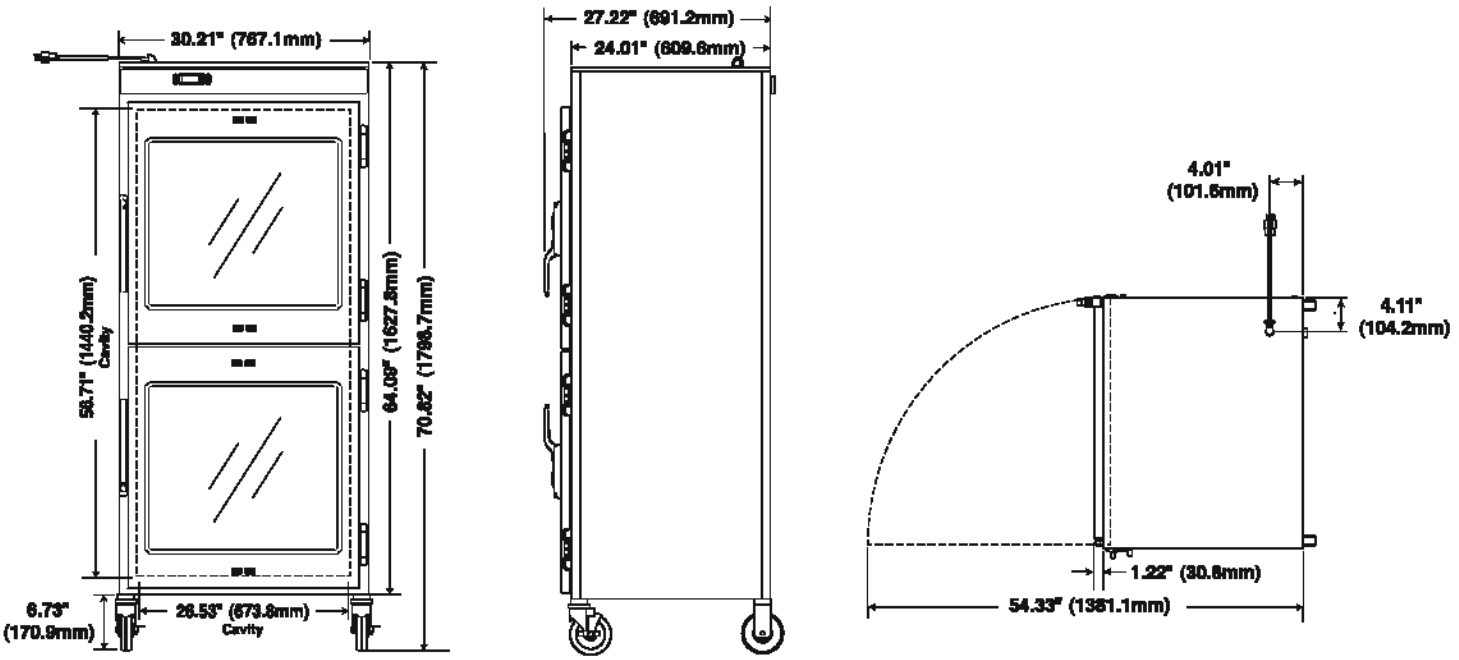




REACH IN

PASS THRU

8285B DIMENSIONS



BLANKET CONTROL FEATURES

The following refers to features that are available when the control is powered on. When an audible alarm is referenced, the unit will only beep if the audible alarm feature is selected.

CONTROL PANEL KEYS

- **ON/OFF KEY** – Press the on/off key to power on the control. Press and hold the on/off key for 2 seconds to power the control off. The control will beep for one second when turned on or off, and the status indicator light will illuminate according to the power state.

- **UP ARROW / DOWN ARROW KEYS** – Used to increase or decrease the temperature set-point. Additionally used to set the current time, auto-start, and auto-stop times.

- **TIMER KEY** – Blanket warmers have a timer key which is used to program the time of day, as well as the automated start and stop times. To set the start and stop times, press and hold the timer key for 2 seconds. See "Setting the Time" instructions on this page.

- **L.E.D. DIGITAL DISPLAY** – The control has a four-digit L.E.D. display. When the control is activated, the display will show current temperature set-point. When programming the timer, the display will show hour and minutes.

L.E.D. DISPLAY STATUS INDICATORS

- **TIME** – Illuminates while current time of day is displayed when programming the TIMER mode.

- **START** – Illuminates while the start time is displayed when programming the TIMER mode.

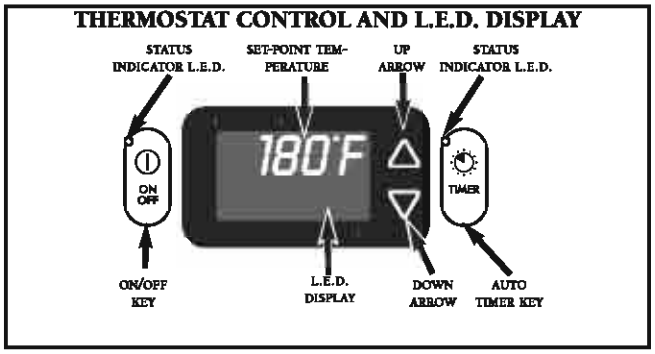
- **STOP** – Illuminates while the stop time is displayed when programming the TIMER mode.

- **LOCK** – Illuminates when the lock feature is engaged.

- **POWER FAIL DETECTION** – If the power were to fall for any reason while heating, the warmer will retain its current operating state in memory. When the power is restored, the control will resume operating, but several indicators 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 setting. Please see important note below if a number other than '128' is displayed.



C. Control will beep until the power failure is acknowledged.

Press the ON/OFF key once to acknowledge that the power has been restored. The ON/OFF status indicator will stop flashing and the "beep" will be silenced. The display will indicate the approximate time period of the outage, then return to the normal display and previously set mode.

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.

TEMPERATURE FORMAT SELECTION

While the controller is in the off mode, press and hold the UP ARROW key for 4 seconds to switch between Fahrenheit or Celsius.

AUDIBLE ALARM SELECTION

While the controller is in the off mode, press and hold the DOWN ARROW key for five seconds to switch between audible alarm "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 2 minutes, or in the event of power loss.

SETTING THE DATE AND TIME

NOTE

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.

BLANKET CONTROL FEATURES (CONTINUED)

SETTING THE DATE AND TIME (CONTINUED)

While the unit is off, hold the TIMER button for 2 seconds to display the year (2000-2099). Adjust the year up or down using the arrow buttons. Press the TIMER button again to transition to the month and day (MM.DD). Adjust the month and day up or down. Press the TIMER button again to enter the time set mode. The current time of day will show on the display in 24-hour format (HH:MM). Adjust the time up or down. Press the TIMER button again to transition to the Auto-On Time. The currently programmed Auto-On time will show on the display in 24-hour format. This is the time that the control will automatically turn on when enabled. Adjust to desired time. Press the TIMER button again to transition to the Auto-Off Time. The currently programmed Auto-Off time will show on the display. This is the time the control will automatically turn off when enabled. Adjust to desired time. Press the TIMER button again to enable the Auto-Timer feature. The Time indicator light will turn on. To disable, press and hold the TIMER key for 2 seconds and the indicator light will turn off.

When adjusting the TIMER with the unit on, the year and date will not be adjustable, and will start the programming sequence with the current time of day.

NOTE

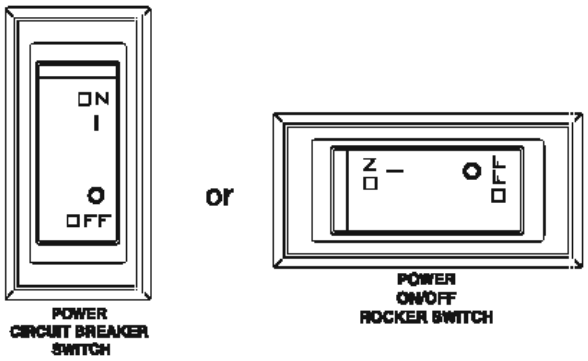
When the Auto-On Time and the Auto-Off Times are equal, the unit will recognize the Auto-Off time ONLY and the control will never turn on without user intervention.

USING THE CONTROL LOCK

The warmer control can be locked so that no changes can be made to the temperature set-point or the mode selection. Press the ON/OFF key and the UP arrow key at the same time. 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 the ON/OFF key and the DOWN arrow button at the same time. The control will unlock and the LOCK indicator will extinguish.

BLANKET CHAMBER OPERATIONAL PROCEDURES

1. The appliance should be plugged into a hospital grade, NEMA 5-20P receptacle (120V) or an appropriate receptacle for a 230V appliance.



POWER CIRCUIT BREAKER SWITCH

POWER ON/OFF ROCKER SWITCH

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.

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 L.E.D. display will indicate last temperature set-point of compartment.

4. Set desired temperature. To set the blanket warming temperature, press and hold the Up or Down Arrow keys to change the value shown in the display. The temperature set-point range is 98 - 200°F (37 - 93°C).

Load blankets only to the top of the blanket support assembly.

5. Load the chamber with 100% cotton blankets. do not warm synthetic blend fabrics or items containing plastic, rubber or metal snaps, studs, hooks, etc. Check that the epoxy-coated blanket support assembly and shelf is in place. This blanket support assembly and shelf MUST be used to hold blankets. A full load of blankets will take 2-3 hours to reach optimum temperature. Make certain the cabinet door is securely closed after initial loading and following each blanket removal.

NOTE

Do not block sensor by overloading cabinet with blankets.

6. Rotate load of blankets daily. Rotate the blankets at the bottom of the load to the top to ensure equal usage. Failure to rotate blankets can cause blankets to discolor.

NOTE

Avoid using flammable cabinet cleaning agents, as well as blanket cleaning agents that cause fabric to become brittle over time.

CAUTION

BLANKET SUPPORT ASSEMBLY AND SHELF MUST BE USED WHEN WARMING BLANKETS.

CAUTION

DO NOT OVERLOAD CABINET. BLANKETS MUST NOT EXCEED HEIGHT OF SUPPORT ASSEMBLY. ALLOW 1" GAP BETWEEN LOWER BLANKETS AND MIDDLE SHELF.

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.

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.

⚠ CAUTION

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.

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 blanket support assembly and shelf. 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.

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.

9. To help maintain the protective film coating on polished stainless steel, clean the exterior of the cabinet with a cleaner recommended for stainless steel surfaces. Spray the cleaning agent on a clean cloth and wipe with the grain of the stainless steel.

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

⚠ DANGER

DISCONNECT UNIT FROM POWER SOURCE BEFORE CLEANING OR SERVICING.

⚠ DANGER

AT NO TIME SHOULD THE INTERIOR OR EXTERIOR BE STEAM CLEANED, HOSED DOWN, OR FLOODED WITH WATER OR LIQUID SOLUTION OF ANY KIND. DO NOT USE WATER JET TO CLEAN.

SEVERE DAMAGE OR ELECTRICAL HAZARD COULD RESULT.

WARRANTY BECOMES VOID IF APPLIANCE IS FLOODED.

⚠ CAUTION

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 Lakeside Healthcare 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	Sensor Short	• 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 100, replace display. If Ohm reading is ±10, 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	Sensor Open	• 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 100, replace display. If Ohm reading is ±10, 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)	• Blanket chamber temperature has been lower than the set temperature for 90 minutes or longer. • Check that door is closed.
E-31	Over Temp	• Unit may be overloaded. Redistribute inventory. **Do not exceed height of basket assembly.** • Check sensor at 32°F (0°C) using a container of ice water. The sensor reading should be 100 ohms. • Relay (solid state) may be defective. • Control may have defective temperature circuit. • If error continues call Service.
E-60	Real-Time Clock Checksum Error	• Unit may have been unplugged for an extended period of time. • To resolve, turn circuit breaker switch to ON position for 1 minute, then turn circuit breaker switch to the OFF position for 5 seconds, and then back to ON. The error message should no longer appear in the display. • 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. • Upon resolving an E-60 error, check that the date and time are correct.
E-80	EPROM Data	• Call Service.
E-81	Calibration Values Out of Expected Range	• Call Service.
E-82	Calibration Data Error	• Call Service.
E-99	Hardware Over Temp	• Inspect connections and condition of high limit bimetal thermostat. • 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.

⚠ DANGER

DISCONNECT UNIT FROM POWER SOURCE BEFORE CLEANING OR SERVICING.

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.

LIMITED WARRANTY

Lakeside Healthcare 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 Lakeside Healthcare neither assumes or authorizes any persons to assume for it any other obligation or liability in connection with Lakeside Healthcare 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: