



Models pictured:

Ready Warm Wall Incubator &
Warming Station



Safety

Caution: Read and follow the operating instructions fully before use.



Warning: Surface can become hot during use.

• The Ready Warm should be set to a normal body temperature under normal operating conditions. The Ready Warm should not be set at a temperature above 122° degrees F (50° C). If the Ready Warm is set to a higher temperature, there could be a risk of personal burn injury.

- Do not leave the unit unattended for extended periods. Regularly monitor the incubator when in use.
- Connect only to a power supply that provides a safety ground terminal.
- Ensure that the power switch is easily accessible during use.
- To avoid injury, do not check temperature by touch. Use the temperature display or a thermometer.
- Do not block or restrict ventilation slots.
- If liquid is spilled inside the unit, disconnect it from the power supply and have it checked by a competent person.
- It is the user's responsibility to carry out the appropriate decontamination if hazardous material is spilled on or inside the equipment.

Unpacking & Set Up

- 1 Carefully unpack the Ready Warm and included power adapter, saving packing materials in the unlikely event you need to return the item. Immediately contact your distributor if you detect any damage. If you need to return the Ready Warm to LW Scientific, please use the original packing material.
- 2 Place Ready Warm on a flat, stable surface away from the edges. Ensure that the power switch is set in the "OFF" position.
- 3 Connect the included power adapter to the Ready Warm, attach the provided line cord, and then plug it into a properly grounded electrical outlet. (Use only the supplied power adapter and plug.)





Caution: As with any temperature controlled equipment, take care not to touch the platform while the equipment is in use. Hot surfaces can cause serious injury or burns.


LW Scientific is not responsible for any injury caused by misuse or abuse of this equipment.

Panel Description

Panel Instructions:

-  Power button (For Temperature Controller ONLY)
-  Set button (Press and hold this button to modify a parameter)
-  Up button
-  Down button

Heat Indicator Light:

-  ON: Unit is heating
-  OFF: Heat is off

Set Parameter Indicator Light:

- SET ON: Program Mode (Parameters can be changed)

Quick Start Guide

The Ready Warm ships from the manufacturer preset to 100°F.

- 1 Turn on the red main power switch located on the top of the unit. When the Ready Warm is first powered on, the unit will show the ACTUAL temperature.

If digital controller does not illuminate, press and hold "⏻" button for 3 seconds to turn on the Temperature Controller. When Temperature Controller is on, press and hold "⏻" button for 3 seconds to turn off the Temperature Controller.

It is not necessary to turn the Temperature Controller On / Off using the "⏻" button. Use the main power switch to power the Ready Warm On / Off.

- 2 Press "↑" button once and the display will show the PRESET temperature (factory PRESET is set at the common temperature of 100°F). After 3 seconds, the display will revert back to ACTUAL temperature.
- 3 If no temperature changes are needed, the Ready Warm should stabilize at 100°F in 45 minutes.

Operation

The system starts heating when the measured temperature value is below the temperature set value. The "Heat" indicator light will illuminate, indicating the unit is heating. When the measured temperature value is higher than the temperature set value, the "Heat" indicator light is off, and the unit is not heating.

Key Operation Instruction:

1 To check a parameter:

Press and release "↑" button to display the set temperature value.

Press and release "↓" button to display the temperature variance value.

*The display will return to the normal temperature display within a few seconds.

2 To set a parameter:

Press the "Set" button for 3 seconds or more to enter parameter modification mode. The Temperature Controller will display the first menu code "F1".

Press "↑" button or "↓" button to display the menu item codes available, F1, F2, F3 or F4.

Press the "Set" button to display the parameter value of the current menu.

Press and hold the "Set" button and press the "↑" button or "↓" button simultaneously to choose and adjust the parameter value of the current menu value. After setting the parameter, press and release the "⏻" button to save the parameter modified value and return to display the normal temperature value. If there is no button operation within 10 seconds, the system won't save the modified parameter.

The screen will display "Er" if error appears during parameter saving, and will revert back to normal operating status in a few seconds.

Code	Function	Set Range	Default	Notes
F1	Temperature set value	-58°F to 120°F	100°F	N/A
F2	Variance set value	1°F to 18°F	1°F	N/A
F3	Compressor delay time	1 to 10 mins	3 mins	*Unused
F4	Temperature offset value	-18°F to 18°F	Various	N/A

WARNING: Never set Temperature Value above 120°F.

3 Restore system data:

When the Temperature Controller is turned on, the system will do a self diagnostic check. The screen will display "Er" if an error exists. Press any button at this time and the Temperature Controller will restore the default values and enter into normal operating mode. It is advised to reset the parameter value under such conditions.

4 Error Descriptions:

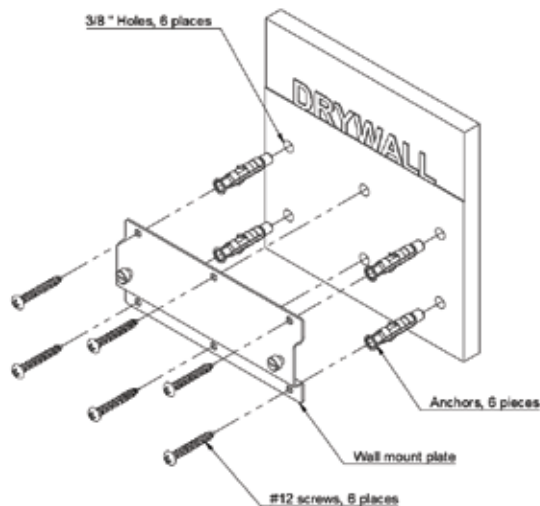
The Temperature Controller will activate the sensor error alarm if it detects the sensor has an open or short circuit. Temperature Controller operation will shut off while the buzzer alarms and the Temperature Controller will display "EE." Press any button to cancel the alarm sound. The Temperature Controller will display the normal temperature when the error and the fault are cleared.

If the measured temperature exceeds the measurement range, the Temperature Controller will activate the error alarm. Temperature Controller operation will shut off while the buzzer alarms and the controller will display "HH." Press any button to cancel the alarm sound. The Temperature Controller will return to the normal display when the temperature is restored to the normal measurement range.

Installation

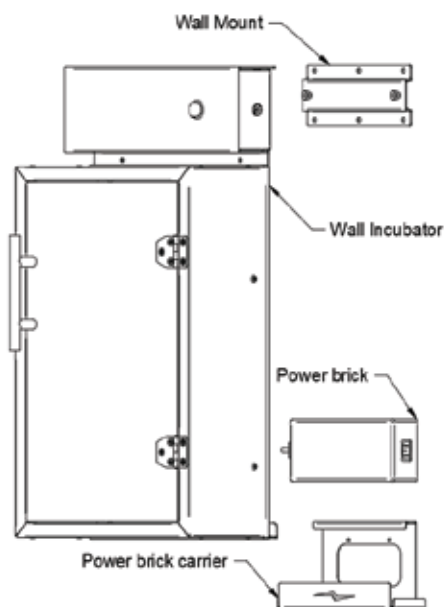
To begin the wall installation, pick a suitable location close to a power outlet. Once you have a location, set the height you want the unit mounted at (typically eye level), then using a level and the wall mount you can mark the location of the mounting holes. If mounting to a stud, use the two central mounting holes. If mounting through drywall only, mark the 4 outer holes and use the wall anchors. If using the anchors, you will need a 3/8" drill bit appropriate for the wall material to drill the holes for the anchors. Reference figure 1 for details.

Figure 1



Once you have the wall mount installed, you can hang the Ready Warm Wall Incubator on the wall mount. There are two keyhole slots on the rear that will fit over the wall mount shoulder bolts. Next slide the power brick carrier onto the bottom of the Wall Incubator unit by hooking it over the lower lip and allowing it to hang. The power brick sits in the retainer to alleviate stress on the power connections. **DO NOT HANG POWER BRICK FROM POWER JACK.**

Figure 2



Additional mounting holes are located on the power brick carrier. Installing the bottom screws will lock the Ready Warm in place and prevent it from moving while operating the door, or accidentally being removed from the wall mount. These lower screws must be removed before the Ready Warm can be removed from the wall.