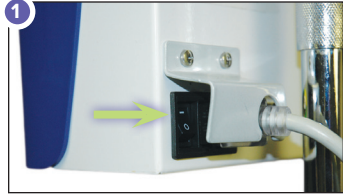


HotDog® Patient Warming System

GETTING STARTED WC52 Controller

- 1 • Press the switch on the back of the controller to the 'on' position.
- 2 • Connect the warming device (mattress or blanket) to the controller with the proper cable.
 - The red dots on the cable must face 'up'.
 - When disconnecting the cable, pull back on metal area as shown (**do not twist to disconnect**).
- 3 • Select the desired temperature by pressing the button on the face of the controller that matches the port connected to the warming device (A, B, or C).



4 **Remember:**

- Make sure the sensor is touching the patient (shown).
- Use a thin barrier between patient and blanket (i.e. pt gown).
- Don't fold the black sides of the blanket together while in use.
- Place black side toward patient.



Quick Troubleshooting guide:

- Confirm unit is plugged into power source.
- If alarm sounds, unplug and restart.
- See troubleshooting-guide/error-codes on other side.

PN 2551B



Troubleshooting/Error Codes

Error Code	Alarm Code	Service Manual Description			
E1	Over Temperature	When the temperature exceeds one degree above set point, alarm sounds and power is removed from the blanket or mattress. To reset alarm: Wait 5 minutes. Reconnect blanket or mattress. Turn Controller on. If alarm occurs again, stop using blanket or mattress and contact technical support.			
E2	Failure to Reach Temperature (Time to Temperature)	When the system does not reach the temperature set-point within 10 minutes, the alarm sounds and power is removed from the blanket or mattress. Check to make sure that the blanket or mattress is in contact with the patient and that the sensor area is touching the patient. Unplug the blanket or mattress and reconnect to reset. If alarm occurs again, stop using blanket or mattress and contact technical support.			
E3	Port Current Limit Reached	If electrical current in the blanket or mattress exceeds allowable limit, alarm sounds and power is removed from the blanket or mattress. This may indicate an electrical problem with the warming device. Unplug the blanket or mattress and reconnect to reset. If alarm occurs again, stop using blanket or mattress and contact technical support.			
E4	Sensor or Cable Failure	If the controller loses communication with the sensors in the blanket or mattress, an alarm sounds and power is removed. This may be caused by an electrical problem in the blanket, mattress, or the controller. Swap cables and blankets/mattress with known good product to isolate problem if possible. If problem continues, replace blanket, mattress and/or cable and contact technical support.			
E5	Blanket Fold Detection	In warming devices equipped with an over-temperature array, local overheating caused by folding of the warming blanket will cause an alarm and power to the blanket will be turned off. Check blanket for folded areas. To reset alarm, unplug cable, wait 5 minutes and reconnect. If alarm recurs, stop using blanket and contact technical support.			
E8	Over Temperature Secondary	When the temperature exceeds 46°C on port A and B (BLANKETS) or 41.5° on Port C (MATTRESS), audible and visual alarms are initiated. The alarms will reset when the device is unplugged or power is turned off at mains switch.			
--	6 Hour Time Out Timer	If a warming device is left operating for 6 hours with no changes to set point, power will be removed, three short audible chirps will sound, and the alarm indicators will flash continuously. Pressing the temperature select button will clear the alarm and re-start normal operation.			
<p>If the following codes appear on port A, B & C at the same time, contact customer service for technical support.</p>					
E3, E3, E3	EA, EA, EA	EC, EC, EC	EF, EF, EF	EH, EH, EH	EP, EP, EP

Technical Support: 952-465-3500