

ROOM NOT GETTING COLD ENOUGH

COOLBOT CHECKS

PART	POSSIBLE CAUSE	SOLUTION	NOTES
1 Room Sensor <small>(blue or black cable with black tip)</small>	Room Sensor is touching a cold surface	<ul style="list-style-type: none"> Make sure Room Sensor is hanging free in cooler and not touching any surfaces 	<ul style="list-style-type: none"> Watch video on CoolBot errors at: https://www.youtube.com/watch?v=iQy2KiGgMWE If CoolBot is under warranty (1YR) contact us at support@storeitcold.com If CoolBot is out of warranty (1 YR) order a replacement sensor at: https://www.storeitcold.com/product/new-style-sensor/
	Er displays permanently on screen	<ul style="list-style-type: none"> Unplug Room Sensor Cable and firmly plug back into Room Port If error persists unplug Room Sensor Cable and discard (Er will display permanently until a new sensor is installed in the Room Port - this is OK!) 	
2 Fins Sensor <small>(blue or black cable with black tip)</small>	Fins Sensor is touching a cooling pipe	<ul style="list-style-type: none"> Insert Fins Sensor only 1/4" deep between the lowest and second from lowest horizontal cooling pipes making sure that the sensor is touching only the fins and NOT touching the cooling pipes 	<ul style="list-style-type: none"> Watch video on CoolBot Ef workaround at: https://www.youtube.com/watch?v=Coc6DAInG6E If CoolBot is under warranty (1YR) contact us at support@storeitcold.com If CoolBot is out of warranty (1 YR) order a replacement sensor at: https://www.storeitcold.com/product/new-style-sensor/
	Ef (or Er) flashes on screen	<ul style="list-style-type: none"> Unplug Fins Sensor Cable and firmly plug back into Fins Port If error persists unplug Fins Sensor Cable and discard As a temporary fix use your Room Sensor Cable to replace your Fins Sensor (Er will display until a new sensor is installed in the Room Port -- this is OK!!) 	
3 Heater Cable <small>(red tip)</small>	Heater Cable not making good contact with A/C sensor	<ul style="list-style-type: none"> Make sure the nub on the heater wire (where you feel the heat) is touching the nub on the tip of the AC sensor. Make sure they are tightly wrapped together, making contact with each other, facing in the same direction Make sure to ONLY use a 2" x 2" square of Aluminum foil 	<ul style="list-style-type: none"> Watch video on Heater test tutorial at: https://www.youtube.com/watch?v=NautLCcV0BQ If CoolBot is under warranty (1YR) contact us at support@storeitcold.com If CoolBot is out of warranty (1 YR) order a replacement Heater at: https://www.storeitcold.com/product/new-style-heater/
	Heater not warming up	<ul style="list-style-type: none"> Disconnect Heater Cable and firmly plug back into the Heater Port Unplug CoolBot from the electricity source and plug back in Wait 20 sec Touch the red tip of Heater Cable (without foil on it) to feel if it is heating up Repeat process If still no heat see notes 	

COOLBOT SETTINGS

SETTING	POSSIBLE CAUSE	SOLUTION	NOTES
1 Temperature	Set too high	<ul style="list-style-type: none"> Wait 30 seconds without pressing any buttons Press checkmark While display blinks adjust temperature with arrows to the desired value Press checkmark to save new Temperature setting 	<ul style="list-style-type: none"> Watch video on adjusting settings at: https://www.youtube.com/watch?v=-o_70wClxjc
2 Fins	Set too high	<ul style="list-style-type: none"> Wait 30 seconds without pressing any buttons Press right arrow once Press check mark While display blinks adjust fin setting with arrows to the desired value Press checkmark to save new Fins setting 	<ul style="list-style-type: none"> Factory default Fins Setting is 1 Most users find best results between 1 and 4 1 is colder and 4 is warmer
3 Heater Delay	Set too high	<ul style="list-style-type: none"> Wait 30 seconds without pressing any buttons Press right arrow 2 times Press check mark 3 times While display blinks adjust delay setting with arrows to the desired value Press checkmark to save new Heater Delay setting 	<ul style="list-style-type: none"> Factory default Heater Delay setting is d1 Most users find best results between d1 and d4 d1 is a shorter defrost time and d4 is a longer defrost time
4	Want to reboot your CoolBot to factory settings?		<ul style="list-style-type: none"> Watch video on rebooting your CoolBot at: https://www.youtube.com/watch?v=fDyjA214kdo

AIR CONDITIONER CHECKS				
	LOOK FOR	POSSIBLE CAUSE	SOLUTION	NOTES
1	Settings	Not on COOL mode Fan on LOW speed A/C on ENERGY SAVE mode	<ul style="list-style-type: none"> Set A/C to COOL mode Set fan to HIGH 	
2	A/C Size	Not big enough	<ul style="list-style-type: none"> Replace A/C with a higher BTU rated unit 	<ul style="list-style-type: none"> An improperly sized A/C unit will not have enough BTU's to cool your room to the desired temperature. You can check the size of your A/C for your room using our A/C Size Calculator Tool at: https://www.storeitcold.com/ac-calculator/
3	Secondary Sensor	Some A/Cs have a secondary temperature sensor which must be removed	<ul style="list-style-type: none"> Disconnect the A/Cs secondary sensor 	<ul style="list-style-type: none"> If your unit is NOT an LG or a HAIER it most likely has a secondary sensor For videos and instructions on how to disconnect your secondary sensor go to: https://www.storeitcold.com/install-your-coolbot/
4	A/C Fins	Dirty A/C fins	<ul style="list-style-type: none"> Clean A/C's inside and outside fins 	<ul style="list-style-type: none"> Dirty fins on the outside coil drastically reduce cooling power Dirty fins on the inside coil drastically reduce cooling power and can cause ice ups Use a plastic brush with long bristles Use plain water - DO NOT use soap Dunk bristles in water and wipe down the fins using a side to side motion starting at the top and moving to the bottom A/C supply stores also sell fins (coil) cleaner - please follow manufacturer instructions
5	Compressor Not Running	Not Running	<ul style="list-style-type: none"> Make sure unit is on the COOL mode Listen for a loud humming sound in the unit Remember that the fan runs constantly and that does not necessarily mean that the compressor is ON Feel for hot/warm air coming out of the back of the A/C 	<ul style="list-style-type: none"> If your A/C running alone without the CoolBot connected fails to maintain the room at the A/C's lowest temperature setting (60-64F) there is a problem with the A/C unit
6	Compressor Running constantly	Refrigerant leak	Replace A/C	<ul style="list-style-type: none"> If your A/C running alone without the CoolBot connected fails to maintain the room temperature at the A/Cs lowest temperature setting (60-64F) or, if it constantly runs (compressor ON) but does not cool, there is a problem with the A/C unit

COOLER CHECKS				
	LOOK FOR	POSSIBLE CAUSE	SOLUTION	NOTES
1	Insulation	Low R value, old, soggy.	<ul style="list-style-type: none"> Inspect insulation Increase insulation Replace if necessary 	<ul style="list-style-type: none"> We recommend cooler construction to an R-value of at least R25 Our preferred insulation is at least 4" thickness of hard closed cell foam insulation such as urethane, polystyrene or polyisocyanurate Roxul insulation is also acceptable We DO NOT recommend fiberglass batt or blown-in insulation Make sure the room is air-tight by sealing all cracks, gaps and joints. Inspect for leaks around A/C and check your door gaskets.
2	Time	Hasn't run long enough	<ul style="list-style-type: none"> Allow the CoolBot and A/C at least 8 hours to cool down the walk-in cooler for the first time Ensure that there is at least 250 lbs. of product or other thermal mass such as buckets of water in the cooler Seven (7) 5-gallon buckets of water is 280 lbs. 	<ul style="list-style-type: none"> Some Coolers require more time to cool down Most well insulated coolers will drop below 50°F within one (1) hour Large product loads and concrete floor coolers may take longer to cool down the first time The rate of the "temperature decrease" slows down as the temperature gets lower
3	Size	Room Too Big	<ul style="list-style-type: none"> Reduce room size or Increase A/C size 	<ul style="list-style-type: none"> An improperly sized A/C unit will not have enough BTU's to cool your room to the desired temperature You can check the size of your A/C for your cooler by using our A/C Size Calculator Tool at: https://www.storeitcold.com/ac-calculator/

If you went through this checklist and your problem was not solved please contact us at: support@storeitcold.com or at 888-871-5723