



Thermo King Refrigeration Controller Operations

8/25/20

- To Turn unit ON press On/Off Button On/Off Button LED will light
- If unit is calling for Cool, Cool Mode LED will light
- To turn unit OFF press On/Off Button All LED will go out
- To enter Set Point Press and Hold Set Point Button Rotate Set Point Button change Knob until Desired Set Point is displayed on Screen release Set Point Button and display will return to Box Temp
- To Initiate a Manual, Defrost Press Defrost Button (if Evaporator Coil Temp is Below 36° F unit will go into Defrost LED will light)

Notes:

- Unit will automatically cycle on & off as needed. When Box Temp rises to 5.4°F above set point, unit will engage compressor and Coil Box back to Set Point Temp.
- Manual Defrost cannot be initiated above 36°F Coil Temp (approx. 45-50°F Box Temp.)
- Box must be Pre-Cooled 30-60 minutes prior to loading product. Unit is designed to maintain product temp not cool it.
- Be sure when loading there is sufficient airflow around product. Do not block airflow from Evaporator.
- When making deliveries turn OFF unit when opening box doors. Running the unit with doors open reduces cooling efficiency.



31 Industrial Park
Road
Wapato, WA
98951
USA

PHONE (509) 949 4747
FAX (509) 722 9004
EMAIL admin@patriotcompanies.us
WEBSITE <http://patriotcompanies.us>

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- If LED temperatures controller will not come on or does not read correct temperatures, then unit should be taken to a mechanic to be checked. Always have them call us with questions.
 - If LED temperatures controller is reading the temperature, check the temperature setting by pushing and releasing SET button. The LED should read "set". Push and release Set Button again and LED should read what you want temperature to be. If not, push "UP/Down" arrows or rotate Set Point Knob (whichever unit you have). If Up/Down Arrows, push & release "fnc" Button and LED will read "SET". Push & release "fnc" again and LED will read Box temperature.
 - If Box is not down to temperature a little red dot should appear below "Out" & above LED readout.
 - If Red Dot does not appear call us.
 - If LED controller is working correctly and still not cooling check to see if fans are running in Box (you should feel cool air blowing out vents)
 - If fans are not running, check fuse on control panel with test light or meter.
 - If no power at fuses, check circuit breaker.
 - If fuse is blown then replace with one same size (do not use larger fuse)
 - If new fuse blows the unit will need to be checked by a mechanic.



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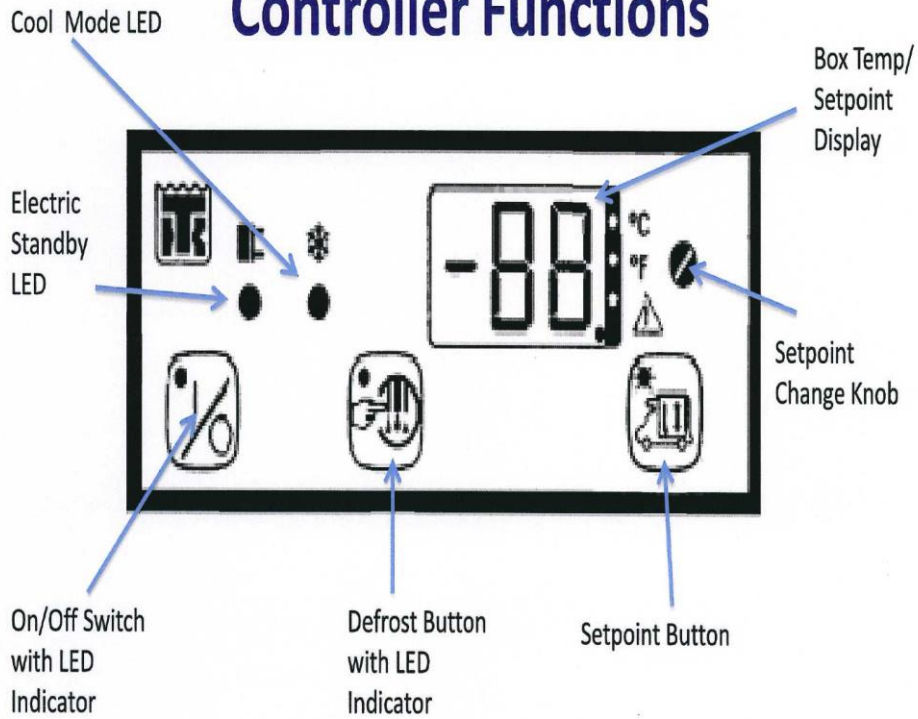
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Controller Functions



Delivering What Matters
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