

R9 Safezone – Quick Example on Setting Temperature Alerts

These steps and images below show how to set a freezer temperature alert on the R9 Safezone system. These alert settings will work for almost all monitoring requirements. You can also select some of the **alert presets** in the alert configuration menu to see how they change the parameters.

1. Allow temperature data to accumulate for approximately one week with the R9 system.
2. View a temperature graph on the main dashboard using the web portal. Make sure your appliance is cooling at the temperature you desire. The Safezone system samples temperature data every 15 minutes, so each dot on the graph represents 15 minutes.
3. Using the web portal, navigate to the alert configuration menu (configuration menu, select add sensor node, and then select port configure).
4. Set the alert configuration parameters to the following: **threshold type** -> outside a range, **number of error sample(s) before alerting** -> 5, **low threshold** -> -6F, **high threshold** -> 8F.

SENSOR NODE INFO



Water-proof Temperature Sensor

This probe is a temperature only sensor. It is a digital temperature sensor and epoxy encapsulated for protection from moisture and other contaminants. This probe has a sensing range of -30C to 85C (-22F to 185F).

ADD PORTS/CONFIGURE

LOCATION GATEWAY NODE PORT

PORT 00 **PORT 01** PORT 02 PORT 03.1 PORT 03.2 PORT 04

Enable Port

Port's Name
main freezer

Sensor Type
Pulse Temperature

Enable Alert

Alert Preset
Other

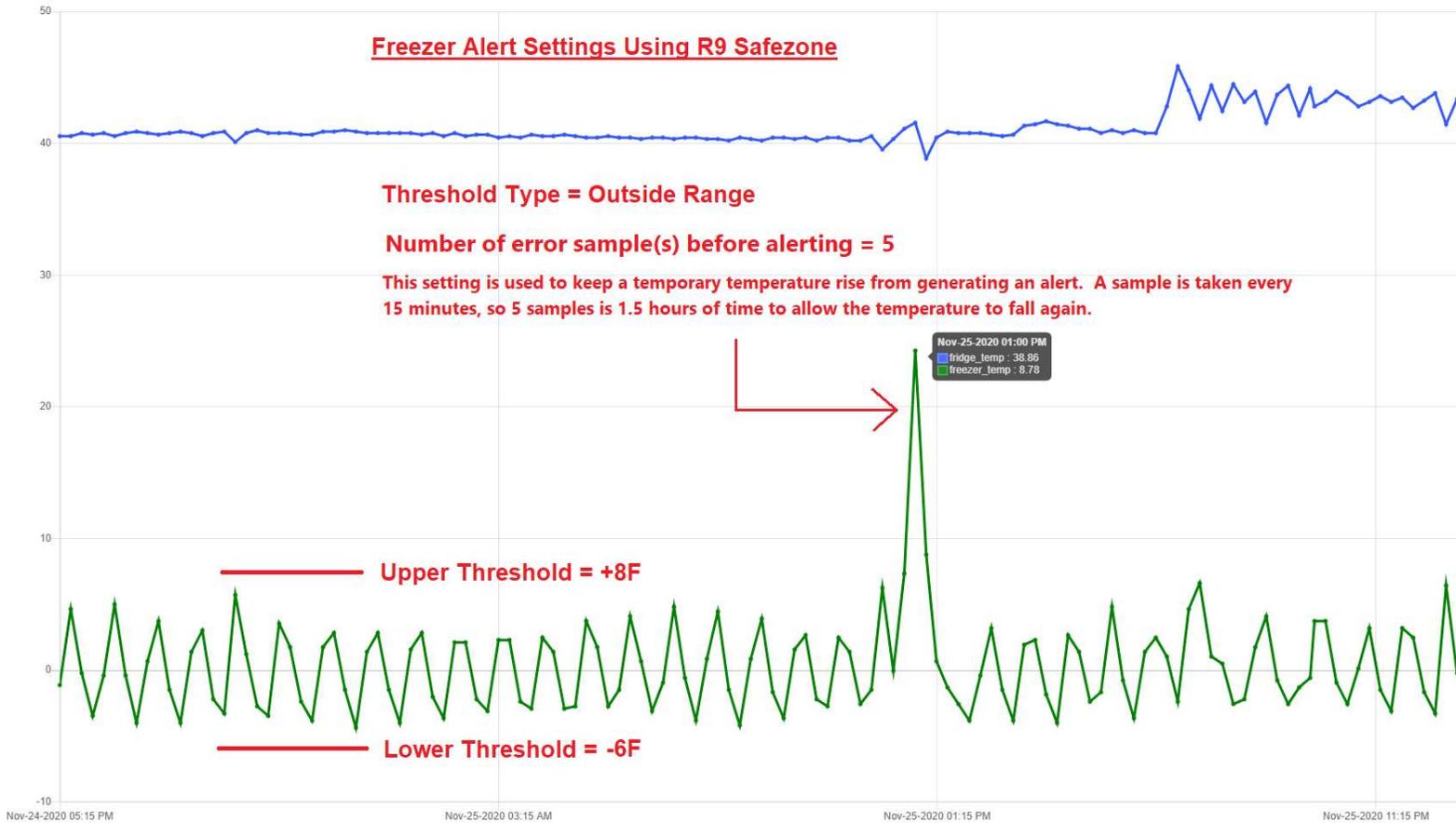
Number of error sample(s) before alerting
5

Threshold Type
Outside a Range

Low Threshold
-6 ✓ *F

High Threshold
8 ✓ *F

unit_top_temp 67.21 F	fridge_temp 42.8 F	fridge_top_puls 67.78 F	freezer_humidit 61.4	freezer_temp -0.22 F	Fridge_door Closed
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The green trace above is a graph for freezer temperature over a two-day period. The temperature averages 0 deg. F. The graph tracing up and down is caused by the compressor turning on and off. The Temperature peak in the middle is caused by opening the door. If warm food is put in, this temperature peak may last longer.