

# Cindev White Paper WP 026

6.15.2020

How to use Temperature Agent to trigger a fan to come on at certain level

## How to use Temperature Agent to trigger a fan to come on

Case: Customer has a wine fridge and wants a fan to come on when the temperature of the room goes above 56 degrees and off when the temperature goes back to normal.

Equipment: Card Access Contact Sensor (for temperature reporting), relay to control the fan

### Procedure:

Select the Temperature Agent and choose the contact sensor and temperature field you want to monitor

Set the Upper Level when you want the fan to turn on

Temperature Device	Card Access Wireless Contact Sensor (954)	Select
Temperature Input	LOCAL_TEMPERATURE	▼
Current Temperature	0	
Temperature Scale	Fahrenheit	▼
Low Temp Threshold F	<input type="range" value="50"/>	50
	Set low temperature value to be alerted	
High Temp Threshold F	<input type="range" value="56"/>	56
	Set high temperature value to be alerted	

Adjust the HIGH temperature event to NOT notify the customer (by default, the driver will send an alert to the customer when the temperature level rises above the setpoint. In this case, you would NOT want to send this alert).

Temperature Events	LOW	▼
	Choose an alert type then set the Notify Actions	
-> Description	When device temperature is below low threshold	
-> Message	[NAME] is below [LOW_LEVEL] degrees.	
-> Push	No	

Next, go to the event programming: When High Temperature Alerts

Add the Action: Close Fan Relay (or whatever you want to come on when this temperature is met)



### When high temperature alert happens on Living->Temperature Agent

#### Programming Controls

Else   & And   | Or   ➡ Break   ➡ Stop   ➡ Delay   5   seconds

# Comment

#### Script Actions

➡ Turn the Living->Wine Fan on

Next, go to the event programming: When Temperature Levels are ok

Add the Action: Open Fan Relay (or turn off the device now that the temperatures are back to normal)

script



### When Living->Temperature Agent all batteries are ok

#### Programming Controls

Else   & And   | Or   ➡ Break   ➡ Stop   ➡ Delay   5   seconds

# Comment

#### Script Actions

➡ Turn the Living->Wine Fan off