



Original Carrier Côt Thermostat Integration Release Notes

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Last modified: 11/05/20

Introduction

The Original Carrier Côt thermostat is a smart thermostat. The Côt has been tested and certified for integration with the ClareHome system.

Note: This integration only supports the Original Carrier Cor thermostat, not other thermostats in the Carrier Cor line.

By integrating the Original Carrier Côt thermostat to a ClareHome control system, your customers can send commands to the thermostat to change modes, cool and heat settings, and fan status from their mobile iOS devices or Android smartphones.

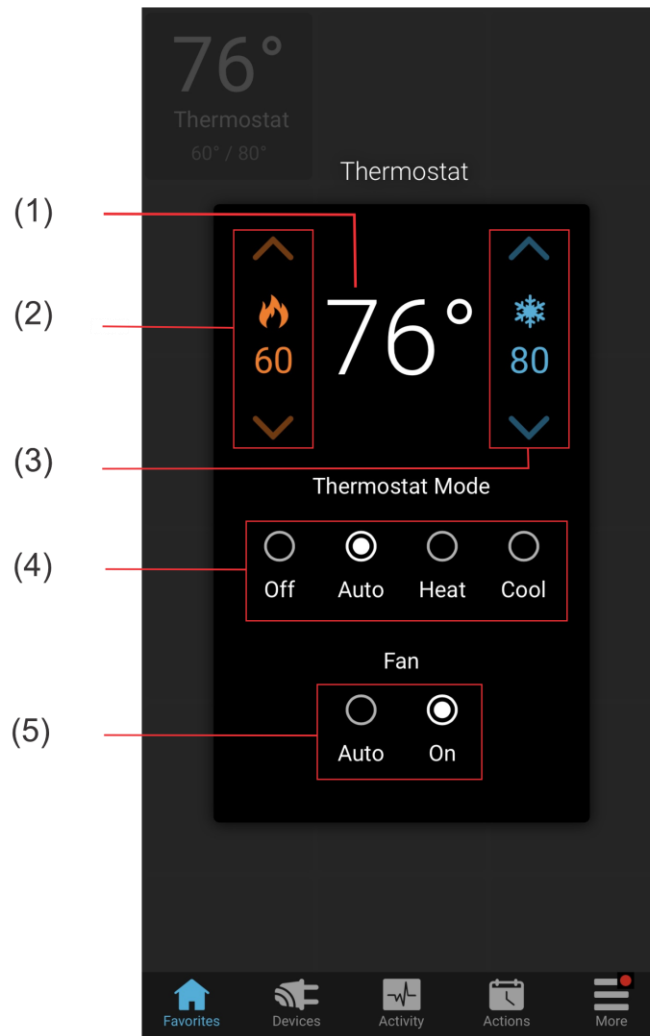
When integrating the Côt thermostat into your ClareHome project, no wires or extra connections are necessary. Install the Côt according to its documentation, and then connect it directly to Wi-Fi on the home network.

The Côt thermostat integrates with the ClareHome system in a way similar to the existing HVAC integrations. All HVAC integrations share a common UI, so that the user experience is consistent.

Temperature settings can be controlled via events. Use Fusion's Scenes and Rules to automate the actions your customers want.

The Following figure shows the Côr controls on the ClareHome UI.

Figure 1: User interface of the Côr Wi-Fi thermostat



- (1) Temperature setting displays on the ClareHome UI in Fahrenheit.
- (2) Change the Heat set point by tapping the up/down arrow.
- (3) Change the Cool set point by tapping the up/down arrow.
- (4) Change the Operation mode by tapping the desired radio button.
- (5) Change the Fan mode by tapping the desired radio button.

Installing the Côr thermostat

A qualified installation technician should install the Côr thermostat. Refer to the documentation included with your Carrier devices. Clare Controls does not assume any responsibility for damages caused by improper installation or connection to the network. Register your thermostat with on the Côr website before adding and configuring the device in Fusion.

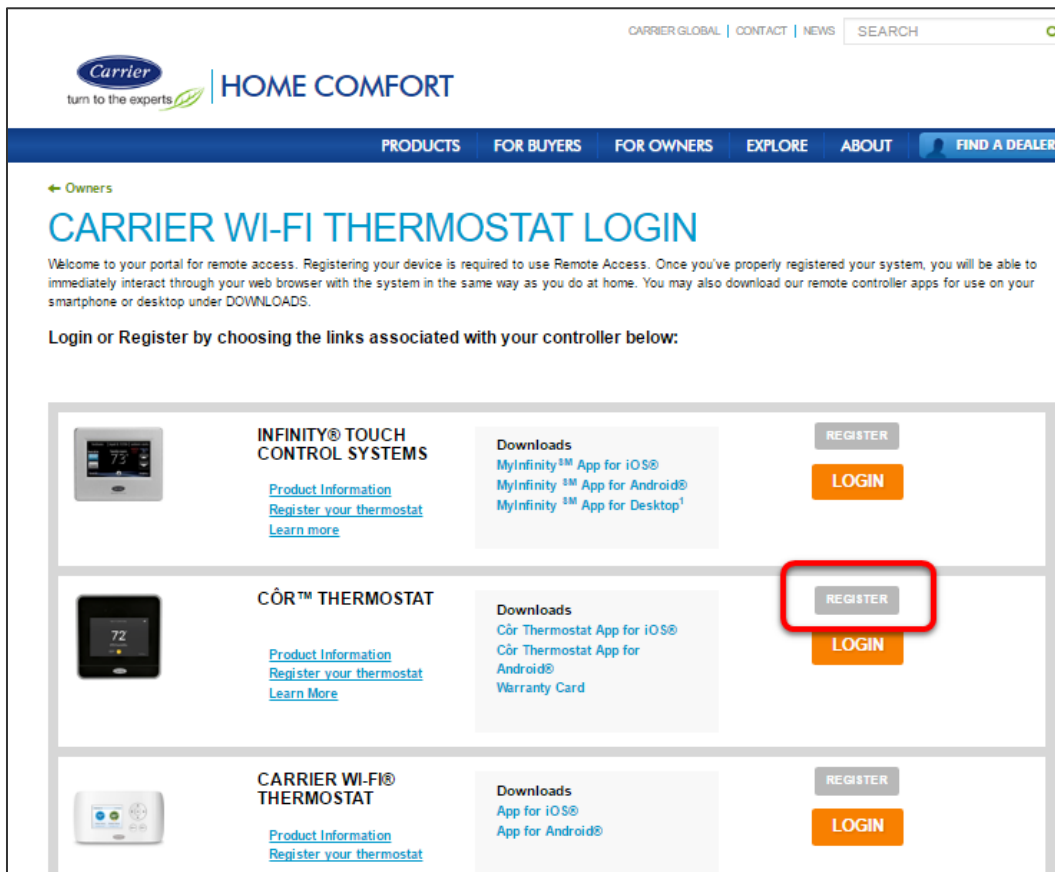
Connecting the C r thermostat to ClareHome

Registering a C r account:

After installation, register the thermostat. Registering the thermostat allows you to assign a name to the thermostat, and later, obtain an access token. This is required for Fusion configuration and function within the ClareHome system.

To register the thermostat:

1. From your browser, access carrier.com/myhome.
2. Click **Register** next to the C r thermostat.



3. Follow the instructions for account creation as prompted.


Notes

- Make sure that you note the email address, password, and thermostat name used. This information is required for Fusion configuration.
- If a name is not assigned during setup, the thermostat displays its serial number. You must assign a name to the device before adding it to your project.

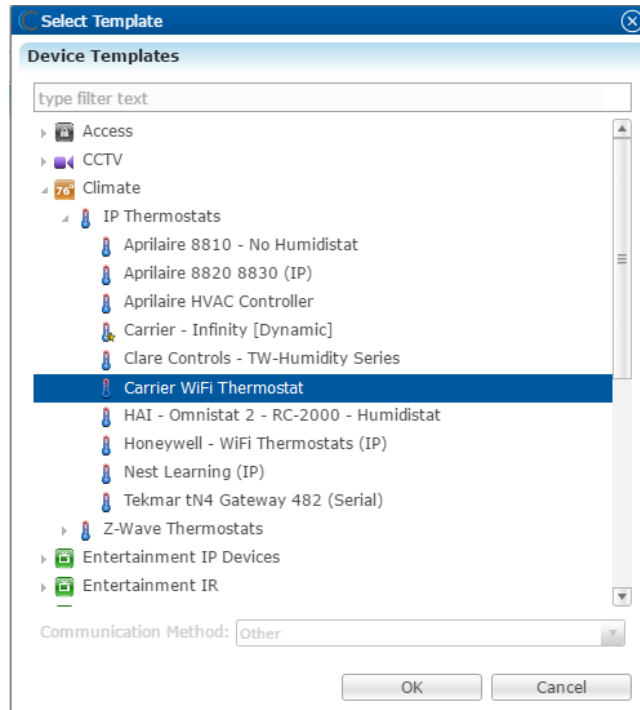
Configuring Côt in Fusion

Once you have installed and registered the Côt thermostat, configure it in Fusion.

To add the Côt thermostat in Fusion:

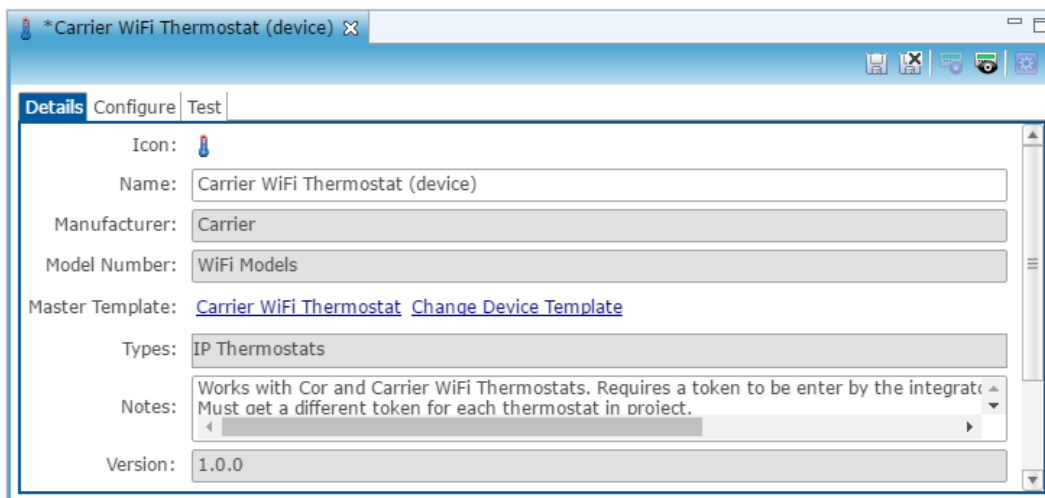
1. Access your project, and then click the **Devices** tab.
2. Click the **New Device** button  to display the Select Template dialog, and then browse to Carrier WiFi Thermostat.

Climate > IP Thermostats > Carrier WiFi Thermostat




3. Click **OK**.

The **Details** tab displays.



4. Enter a name and notes for the thermostat.
5. Click the **Configure** tab, and then enter values in the following fields:
 - **Thermostat ID:** Enter the thermostat number associated with that Côt thermostat.
Note: The Thermostat ID is unique. We recommend numbering the thermostat in installation order. For example, the first thermostat installed has the thermostat id of 1, the second thermostat has a thermostat id of 2.
 - **Device Name:** Enter the same name assigned to the Côt thermostat in registration.
Note: The device name is case sensitive.

Name	Value	Mandatory	Description
General			
Thermostat ID	1	yes	This device property is used by function groups that nee
Network Controller			
Device Name	Den	yes	The name associated with the Ecobee thermostat. Devi

6. Click the **Save** button .
- The Create Service dialog displays.

7. Click **OK**, the service is automatically created for you.
Note: You can select Open Wizard to check or change the controls points as needed.
8. Deploy the project.
 You must pair the thermostat after deploying the project.

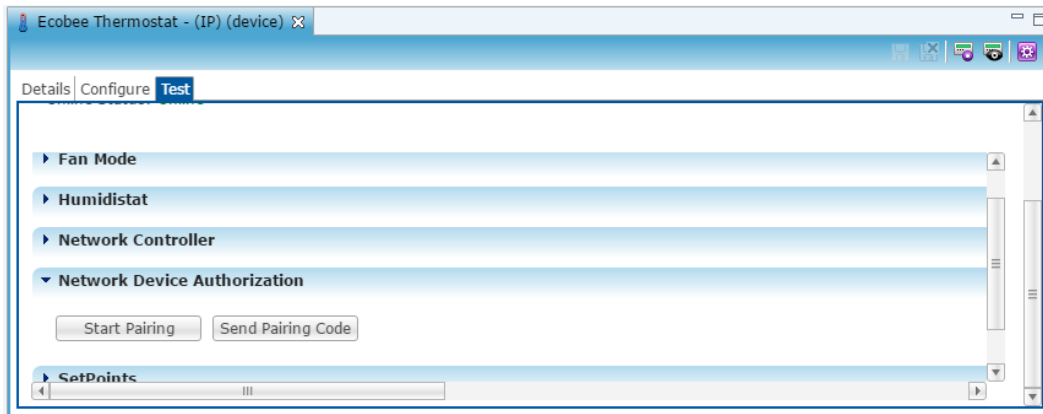
Pairing the thermostat

Note: The device must be deployed before it can be paired.

After you have configured the Côt in Fusion and deployed, you must pair the thermostat to the project. You will need access to the Fusion and the Clare Controls Côt website.

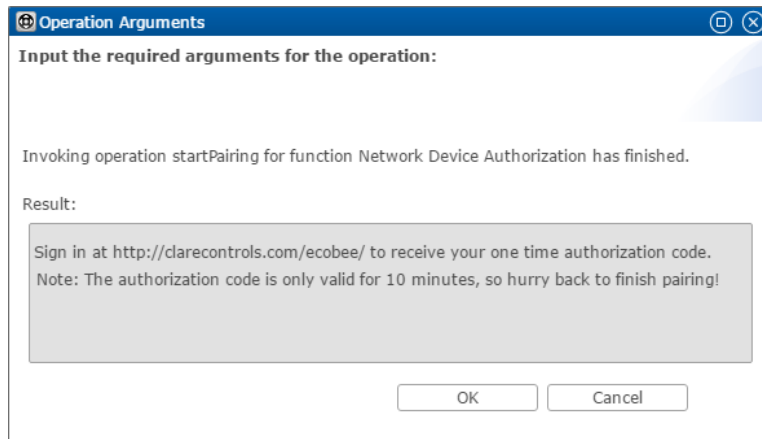
To pair the thermostat to your project:

1. Access your Fusion project, and then double click on the Côt thermostat.
2. Click the **Test** tab, and then expand **Network Device Authorization**.



3. Click **Start Pairing**.


The Operations Arguments dialog displays.



4. Copy the web address displayed in the dialog (<https://www.clarecontrols.com/ecobee/>), and then click **OK**.

5. Open a new browser tab and browse to the copied url.

The Clare Controls Côt landing page displays.



Log in to Authorize App

Email Address

Password

Clear

Log In

Note: If you are currently logged into the Côt website, the Authorize App dialog displays. You will not have to log in again.

6. Login with the credentials used for the Côt website.

You are prompted to authorize ClareHome to access the thermostat.

Authorize App

C

You are authorizing "ClareHome", provided by Clare Controls.

This App will have permissions to modify the thermostat settings and data in your account.

This App is not provided, tested or warranted by ecobee. You agree to use this App at your own risk.

Application Summary:

ClareHome App Integration

Application Description:

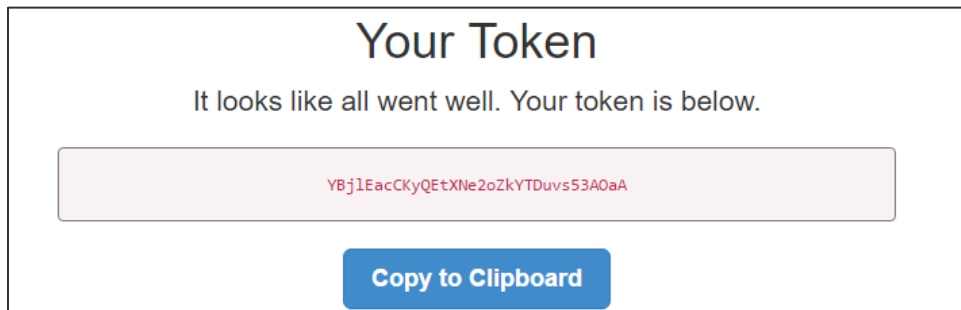
ClareControls integration for Ecobee Thermostats

Decline

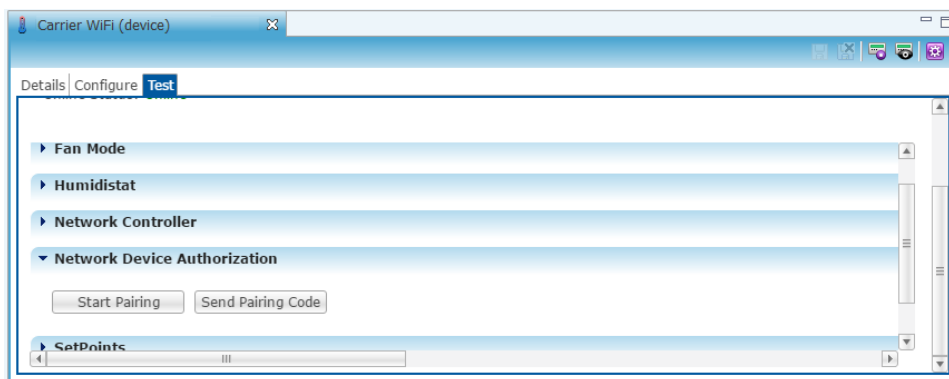
Accept

7. Click **Accept**.

The thermostat token displays.

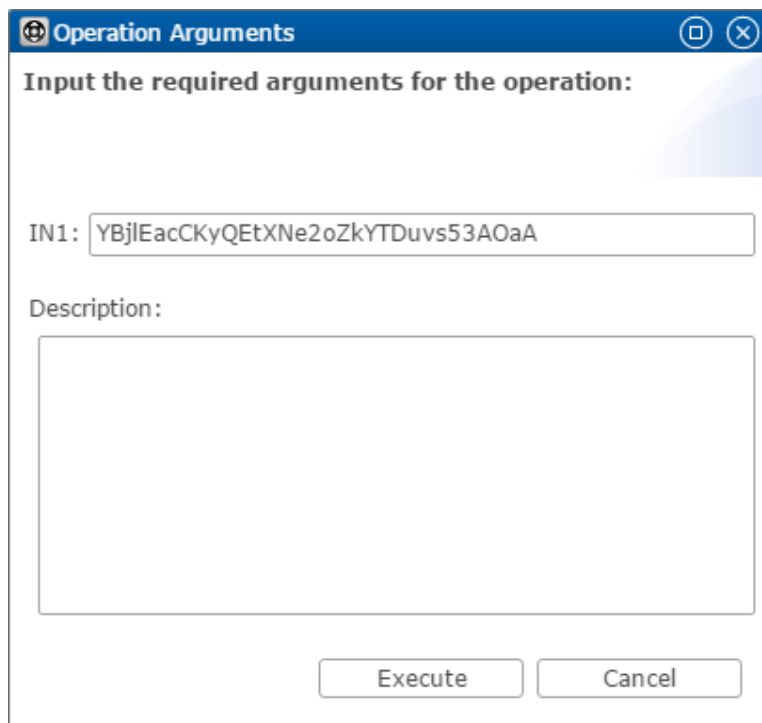


8. Click **Copy to Clipboard**, and then return to the Fusion browser tab.



9. Click **Send Pairing Code**.

The Operations dialog displays.



10. Paste the token into the Operation Arguments **IN1** field, and then click **Execute**.

Test the thermostat to ensure that it is connected to ClareHome.

To test the C r thermostats connection:

1. Double click the thermostat, and then click the **Test** tab.
2. Expand SetPoints.

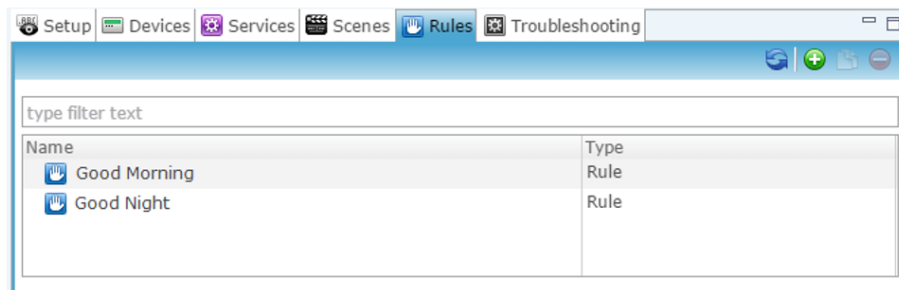
The current setpoints are displayed.


Configuring rules with the C r thermostats

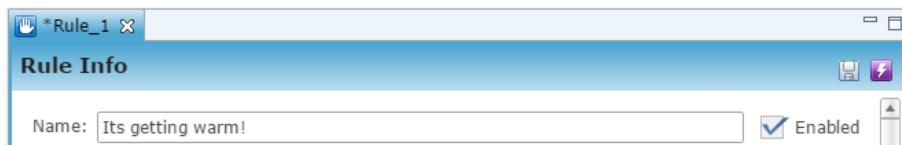
Configure a rule for your thermostat. The example below shows how to set a rule for alerting the customer of the home's temperature. If the thermostat reaches above 72 F, an email notification is sent.

To create a rule for the thermostat in Fusion:

1. Access your project, and then click the **Rules** tab.

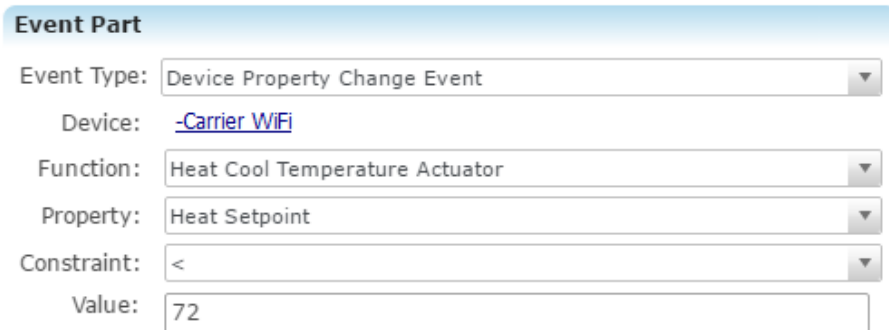


2. Click the **New Rule** button .
3. Enter a name for the rule, and then select the Enable Rule checkbox.



4. Configure the Event Part as below.


- **Event Type:** Device Property Change Event
Note: This event type is replacing the Device Property Change Event.
- **Device:** Côt thermostat
- **Function:** Heat Cool Temperature Actuator
- **Property:** Heat Setpoint
- **Constraint:** <
- **Value:** 72

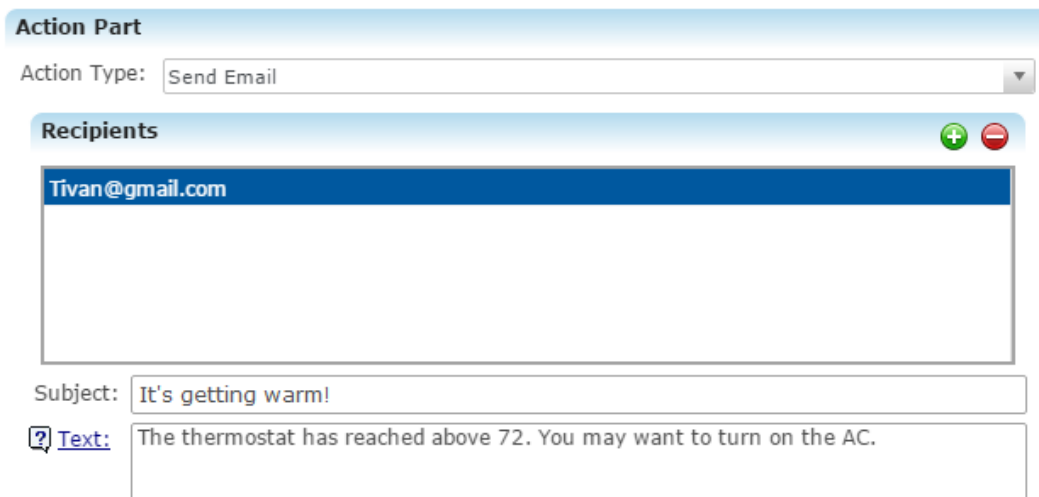


The screenshot shows the 'Event Part' configuration form. It includes the following fields:

- Event Type:** Device Property Change Event (dropdown menu)
- Device:** -Carrier WiFi (text field)
- Function:** Heat Cool Temperature Actuator (dropdown menu)
- Property:** Heat Setpoint (dropdown menu)
- Constraint:** < (dropdown menu)
- Value:** 72 (text field)

5. Configure the Action part as below.

- **Action Type:** Send Email
- **Recipients:** The homeowner's Email address
Note: To add an Email address, you must click the green plus icon . Do this for each desired Email recipient.
- **Subject:** The purpose of the alarm
- **Text:** The information included in the email



The screenshot shows the 'Action Part' configuration form. It includes the following fields:

- Action Type:** Send Email (dropdown menu)
- Recipients:** A list box containing 'Tivan@gmail.com'. There are green plus and red minus icons to the right of the list box.
- Subject:** It's getting warm! (text field)
- Text:** The thermostat has reached above 72. You may want to turn on the AC. (text field with a '?' icon to the left)

6. Click the **Save** button , and then deploy the project.

Contact information

Clare Controls, LLC.

7519 Pennsylvania Ave, Suite 104

Sarasota, FL 34243

General: 941.328.3991

Fax: 941.870.9646

www.clarecontrols.com

Integrator/Dealer Support: 941.404.1072

claresupport@clarecontrols.com

Homeowner Support (ClareCare): 941.315.2273 (CARE)

help@clarecontrols.com