Smart Humidity Control and Display brings exciting features to the Smart Thermostat. Users with an eligible Smart Thermostat (Smart Thermostat HD, ADC-T2000, and ADC-T3000) can view and control the humidity level in their home or business using the Alarm.com app or Alarm.com customer website.

Humidity notifications provide an extra layer of protection against mold growth. The Smart Humidity function is beneficial in varying climates from very hot and humid areas in the summer to very cold or dry areas in the winter.

For information about installing or configuring Smart Humidity, contact your service provider.

**View current humidity level**

Users with a Smart Thermostat and compatible security panel or hub can now see their current humidity level by clicking on the thermostat card on the Alarm.com app or Alarm.com customer website.

The ADC-T3000 can display the humidity percentage locally in all modes when the *Display Option* in the User Settings is set to *Humidity* and the temperature is set to Fahrenheit. Humidity display is not supported when in Celsius mode.

**Note:** To view the humidity level on the Customer Alarm.com app or Alarm.com customer website, a firmware version is not required for the Smart Thermostat. However, to control humidity, the ADC-T2000 requires version 1.50+ to be compatible with Smart Humidity Control. For information about how to find the thermostat firmware, contact your service provider.

The following image displays a thermostat with a 44% humidity reading on the Alarm.com app.
The following image displays two thermostats on the home page of the Alarm.com customer website. The first thermostat is in heat mode with a 20% humidity reading. The second thermostat is in auto mode with a 25% humidity.
Enable the Smart Humidity feature

Customers can enable Smart Humidity Control using the Customer Alarm.com app or Alarm.com customer website.

**Important**: While the Smart Thermostat HD and ADC-T3000 are natively compatible with humidity control, the ADC-T2000 must be on version 1.50+. For information about how to find the thermostat firmware, contact your service provider.

**To enable Smart Humidity Control using the Alarm.com app:**

1. Log into the Alarm.com app.
2. Tap Thermostats.
3. Tap °.
4. Tap Device Settings.
5. Tap Humidity Control.
6. Tap the Smart Humidity Control toggle switch to enable it.
7. Tap ←.
8. Tap Apply to save changes.
To enable Smart Humidity Control using the Alarm.com customer website:

1. Log into the Alarm.com customer website.
2. Click Automation.
3. Click Add New Rule.
4. Click Thermostat Rule.
5. Click Smart Humidity Control.

https://answers.alarm.com/Customer/Website_and_App/Home_Automation/Thermostats/Smart_Humidity_Control_and_Displ…
Updated: Tue, 27 Sep 2022 05:28:41 GMT
6. Using the dropdown menus, select the desired humidity setpoints.
7. Click Save.

Set humidity target levels

To regulate humidity levels in a home or business, the customer must select target humidity levels, similar to how a customer sets temperature targets for standard thermostat operation. The customer is prompted to set the humidity setpoints after enabling the Smart Humidity Feature.

To configure Smart Humidity Control using the Alarm.com app:

1. Log into the Alarm.com app.
2. Tap Thermostats.
3. Tap •.
4. Tap Device Settings.
5. Tap Humidity Control.
6. Use the slider to adjust to the desired humidity setpoints.
7. Tap •
8. Tap **Apply** to save changes.

**Note:** To disable Smart Humidity Control, tap the *Smart Humidity Control* toggle switch.
Increase comfort by taking advantage of intelligent humidity control. Your system will automatically balance your humidity and temperature setpoints for improved comfort and efficiency.

* Note, you can only dehumidify your home if you have an AC system and when you are in Cool or Auto modes.

**Smart Humidity Control**

**Desired Humidity Setpoints Range**

Max
70%

45%  

95%
To configure Smart Humidity Control using the Alarm.com customer website:

1. Log into the Alarm.com customer website.
2. Click Automation.
3. Click ✨ on the existing Smart Humidity Control rule.
4. Using the dropdown menus, select the desired humidity setpoints.
5. Click Save.

Note: To disable Smart Humidity Control, click the toggle switch in the Smart Humidity Control rule.

Change the humidity differential

The humidity differential feature maintains a comfortable balance of both temperature and humidity levels in your home and is only necessary when the air conditioner is used to dehumidify the home. The humidity differential prevents a thermostat that is dehumidifying using an air conditioner from cooling too far below the cool setpoint. The default setting is 3°F (1.5°C) and generally does not need to be adjusted.

To adjust the humidity differential using the Alarm.com app:

1. Log into the Alarm.com app.
2. Tap Thermostats.
3. Tap 🔄.
4. Tap Device Settings.
5. Tap Advanced Settings.
6. In Humidity Differential, tap + to increase the degree, or tap − to decrease the degree. This is the number of degrees the thermostat is allowed to go below the cooling setpoint.

https://answers.alarm.com/Customer/Website_and_App/Home_Automation/Thermostats/Smart_Humidity_Control_and_Displ...
when air conditioning is being used to dehumidify.

7. Tap

8. Tap Apply to save changes.

**To adjust the humidity differential using the Alarm.com customer website:**

1. Log into the Alarm.com customer website.
2. Click on the thermostat card.
3. Click Advanced Configuration.
4. Click Advanced.
5. In Humidity Differential, set the number of degrees the thermostat is allowed to go below the cooling setpoint when air conditioning is being used to dehumidify
6. Click Save.

**Smart Humidity notifications**

Smart Humidity notifications allow users to be notified if the thermostat reads a humidity level above or below the specified threshold.
To create Humidity Alert notifications using the Alarm.com app:

1. Log into the Alarm.com app.
2. Tap 📊.
3. Tap Notifications.
4. Tap ☰.
5. Tap +.
6. Tap Use A Template.
8. Name the notification.
9. In When device detects a relative humidity, tap to select Above and/or Below, and then use their dropdown menus to select the threshold humidity percentage.
10. In For the selected devices, tap to select the thermostats the specified humidity threshold is applied to.
11. Tap Add to specify which contacts receive the notification.
12. Verify all desired settings are set, tap Save.
To create Humidity Alert notifications using the Alarm.com customer website:

1. Log into the Alarm.com customer website.
2. Click Notifications.
3. Click New Notification.
4. Click Temperature.
5. Click Humidity Alert.
6. Name the notification.
7. In *When device detects a relative humidity*, click to select **Above** and/or **Below**, and then use their dropdown menus to select the threshold humidity percentage.
8. In *For the selected devices*, click to select the thermostats the specified humidity threshold is applied to.
9. Click Add to specify which contacts receive the notification.
10. Verify all desired settings are set, click Save.