

# Honeywell

## Smart Dehumidifier

### User Manual - Honeywell Air Comfort App

Read and save these instructions before use



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Model:  
TP30A / TP50A / TP70A  
Series

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Thank you for purchasing a Honeywell Smart Dehumidifier. This user manual is intended to provide you with important information needed to set up, operate, maintain and troubleshoot this product.

## DOWNLOADING THE APP

The Smart Dehumidifier has added features to allow you to operate the dehumidifier remotely using a smart device, and to use voice commands through an Amazon Echo device, to control the unit.

Set up the Honeywell Air Comfort App on your smart phone or tablet to connect the Honeywell Smart Dehumidifier for WiFi and Voice control.

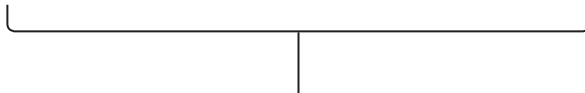
**IMPORTANT:** A **2.4 GHz** Wi-Fi network is required for proper connection and operation between the Dehumidifier and the App.



iOS 8.0 or later

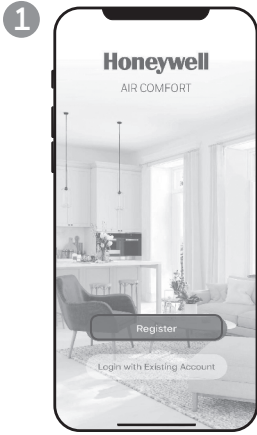


Android 4.3 or later

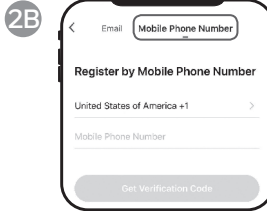
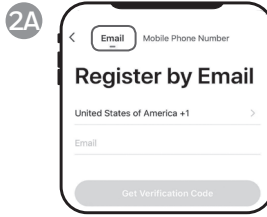


 SEARCH "HONEYWELL AIR COMFORT" AND INSTALL

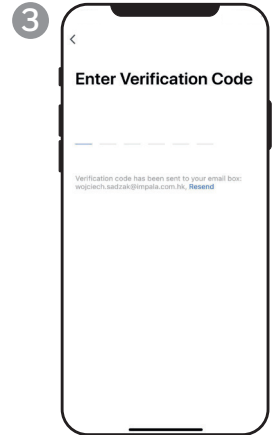
# REGISTERING AN ACCOUNT



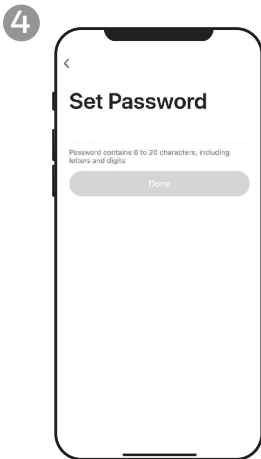
1. Open the app.
2. Tap **Register**.



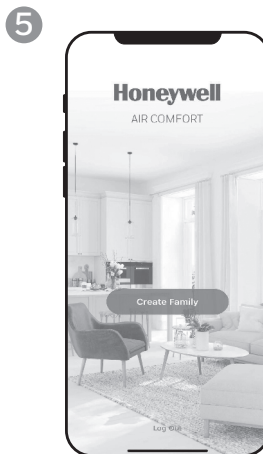
- 2A. Enter your email\* (2A) or mobile phone number (2B).
- 2B. Tap **Get Verification Code**.



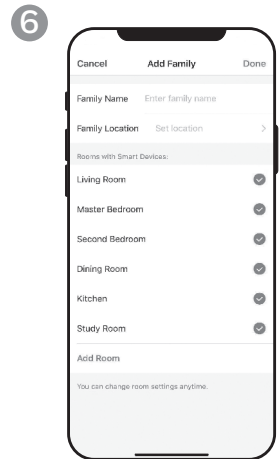
3. Enter the verification code.
- 3b. The verification code should be received & entered within 60 seconds. If time is exceeded, go back and get another code.



4. Set the password.
- 4b. Tap **Done**.



5. Tap **Create Family**.



6. Set the **Family Name** and **Family Location**.
- 6b. Mark the location of the dehumidifier.
- 6c. Tap **Done**.

\* The user will receive a verification email from "system.az@notice.2.ismartlife.me" with contact name "Honeywell Air Comfort" and subject title "Registration Verification Code". If email is not received in your inbox, check your junk or spam folders. If you didn't receive a verification email after 60 seconds, click the resend button.

# CONNECTION METHODS FOR WI-FI SETUP

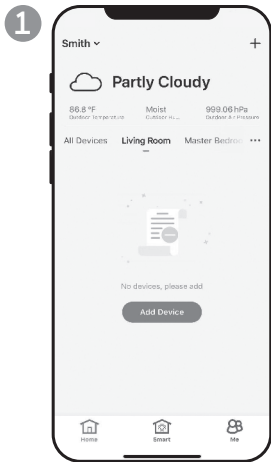
The Smart Dehumidifier has two different setup modes:

CF (Quick Connection): The CF mode is a quick and simple way to set the unit up.

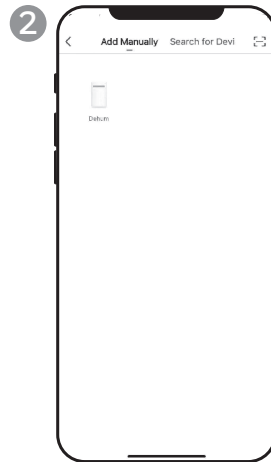
AP (Access Point): The AP mode uses a direct local Wi-Fi connection between your phone and the dehumidifier to upload the network details.

Before starting the setup, please ensure that your Smart Dehumidifier is plugged in and turned OFF (in Standby Mode) for the connection type you are attempting. The display on the Dehumidifier will confirm the current connection mode during setup.

## CONNECTING IN CF MODE



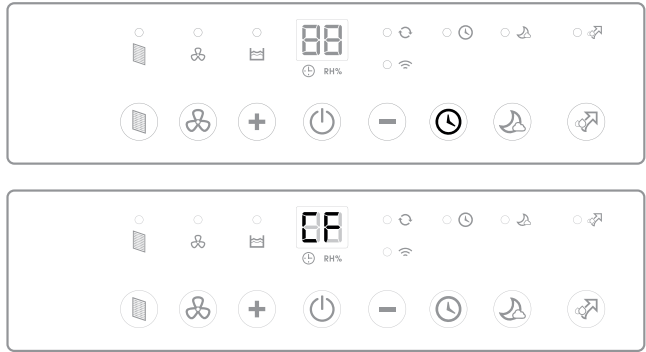
a. Tap **Add Device**.




a. Tap **Dehum** icon.

# CONNECTION METHODS FOR WI-FI SETUP (CONTINUED)

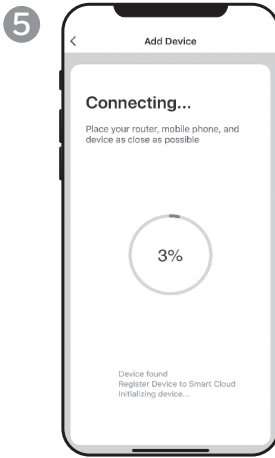
## CONNECTING IN CF MODE (CONTINUED)



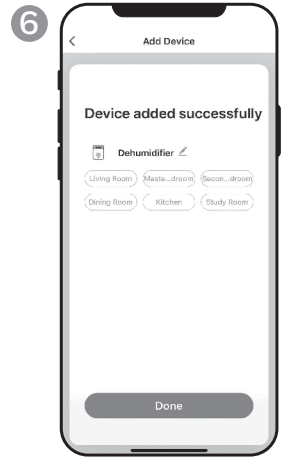
- Switch on the dehumidifier.
- On the Dehumidifier, Press the  button 6 times until **CF** displays on the unit.
- Tap **Next**.



- Choose the Wi-Fi network.
- Enter the Wi-Fi password.
- Tap **Confirm**.



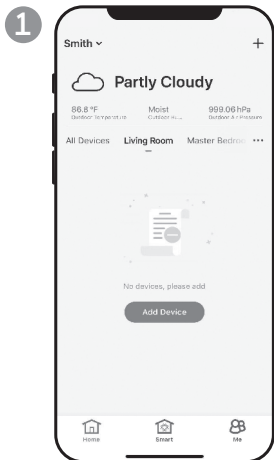
- Wait until the connection is completed.



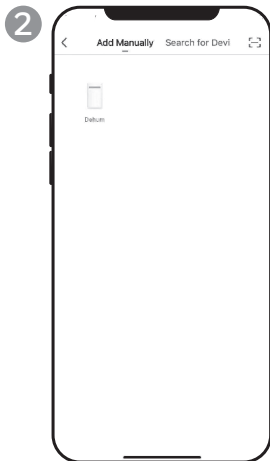
- Tap **Done**.

# CONNECTION METHODS FOR WI-FI SETUP (CONTINUED)

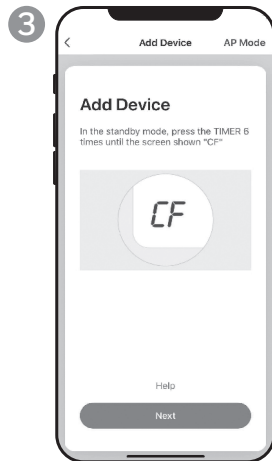
## CONNECTING IN AP MODE



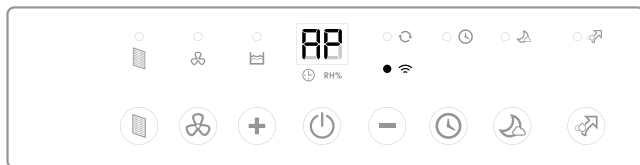
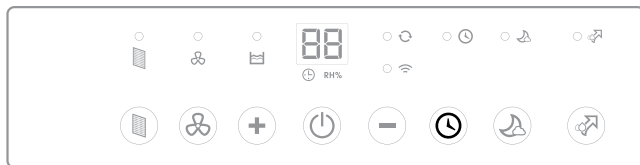
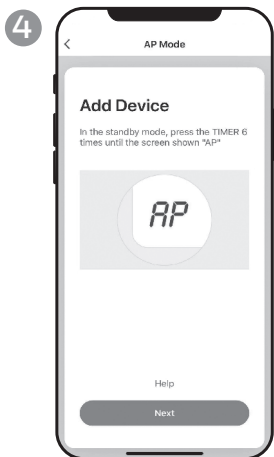
1. Tap **Add Device**.




2. Tap **Dehum** icon.



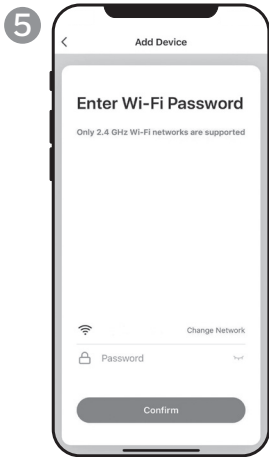
3. Tap **AP Mode** in the top right corner.



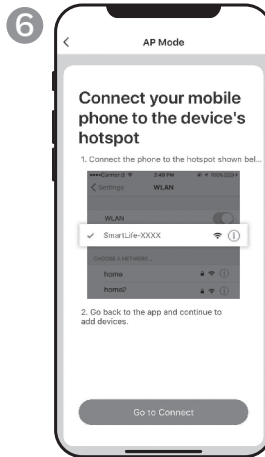
- Switch on the dehumidifier.
- On the Dehumidifier, press the  button 6 times until **AP** displays on the unit.
- Tap **Next**.

# CONNECTING THE APP IN AP MODE (CONTINUED)

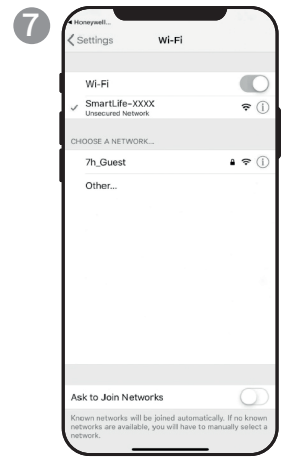
## CONNECTING IN AP MODE (CONTINUED)



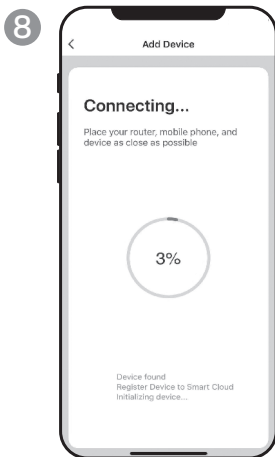
- Choose the Wi-Fi network.
- Enter the Wi-Fi password.
- Tap **Confirm**.



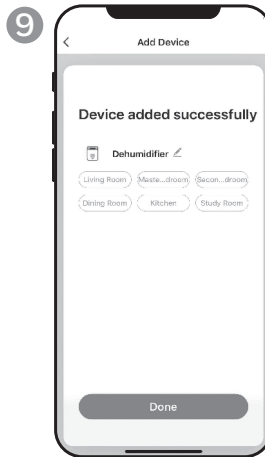
- Tap **Go to Connect**.



- Tap the **Smartlife-XXXX** network (Wi-Fi board number).
- Once connected, press the home/back button on your device and go back to the Honeywell Air Comfort App.



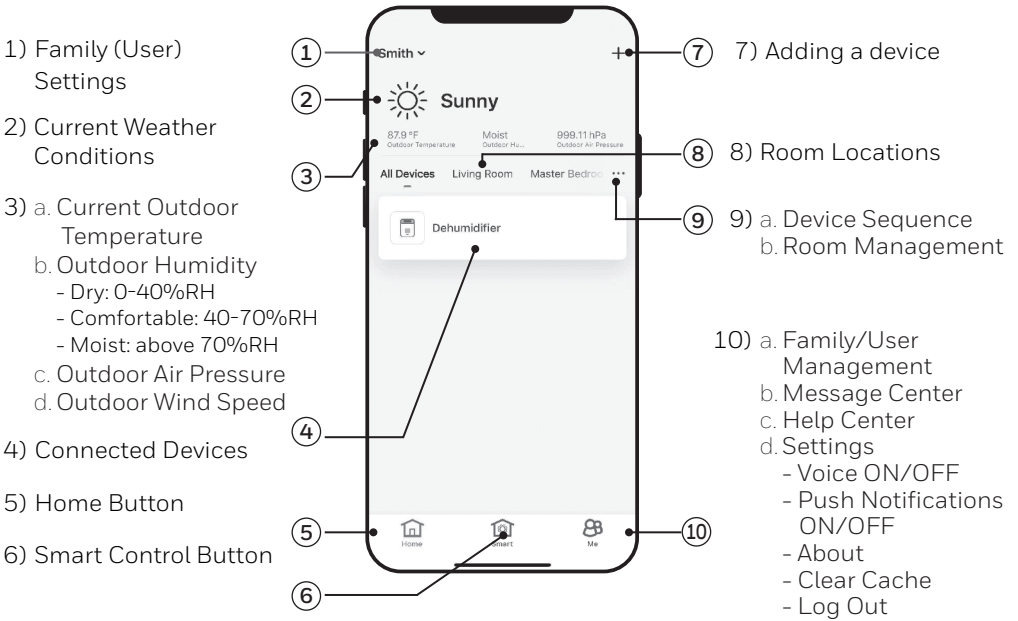
- Wait until the connection is completed.



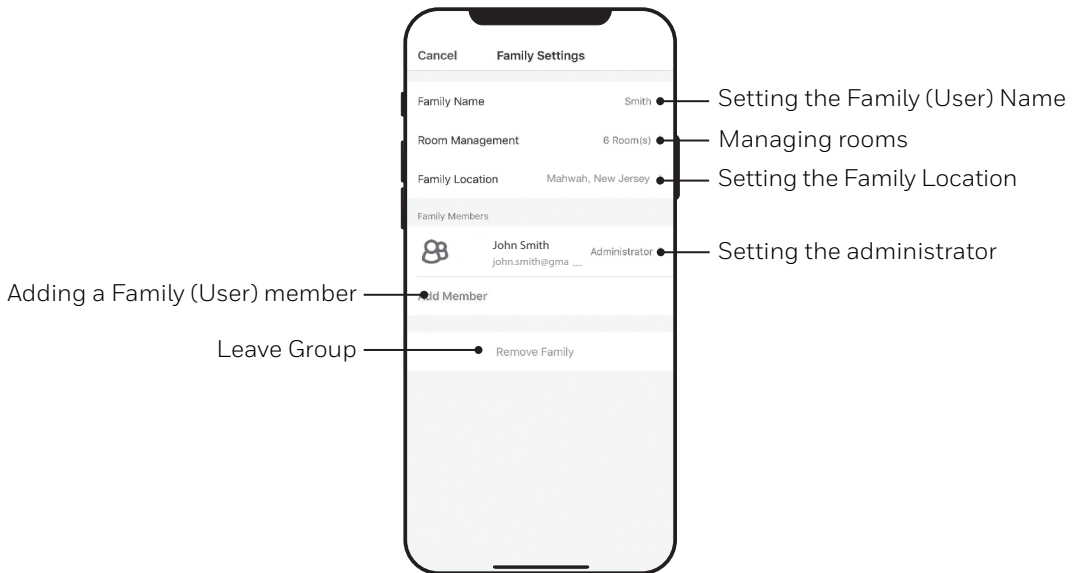
- Tap **Done**.

# USING THE APP

## MAIN SCREEN



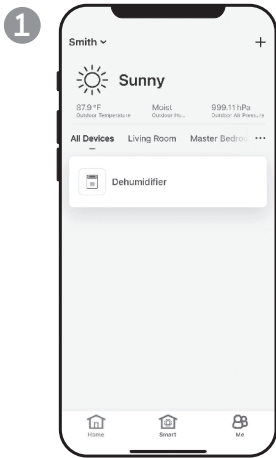
## FAMILY SETTINGS



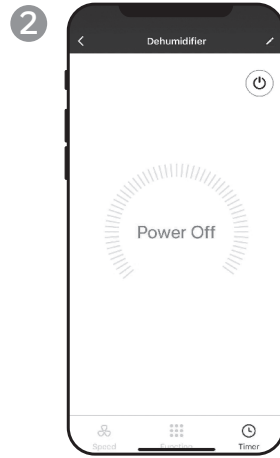


# USING THE APP (CONTINUED)

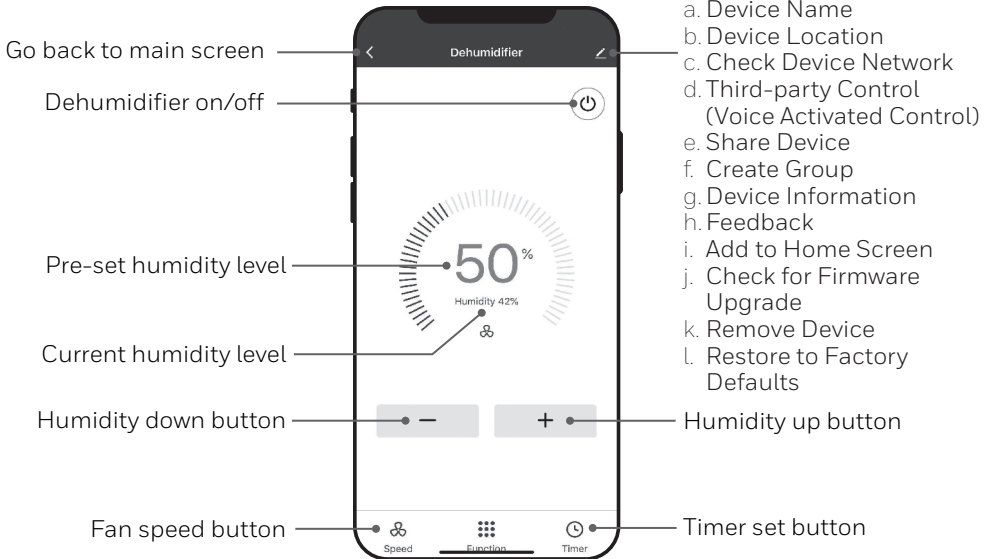
## BASIC CONTROLS



a. Tap **Dehumidifier**.

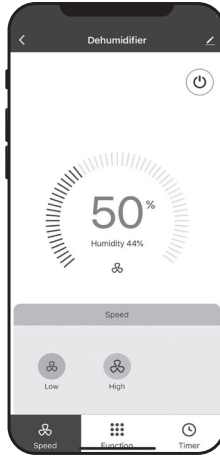


a. Tap  to switch the dehumidifier on/off.



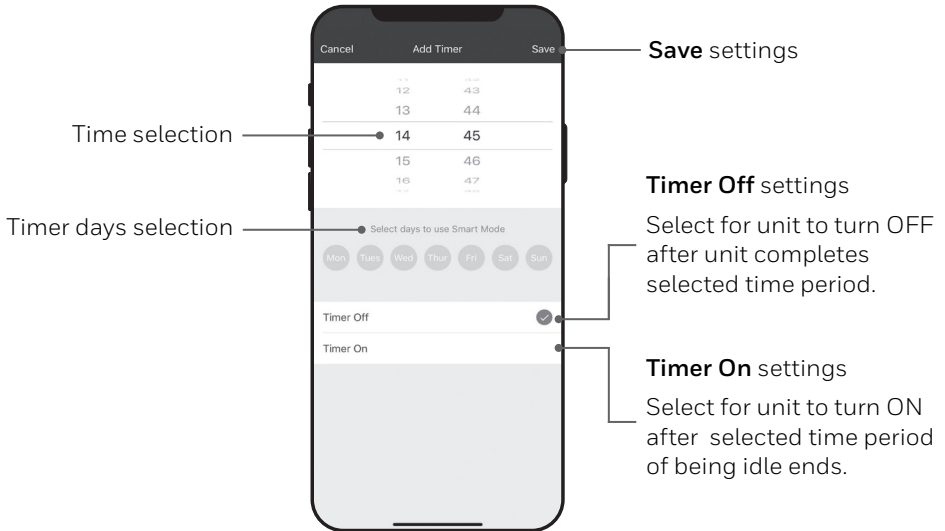
# USING THE APP (CONTINUED)

## SETTING THE FAN SPEED



- a. Tap fan speed button.
- b. Select **Low** or **High** fan speed.

## SETTING THE TIMER

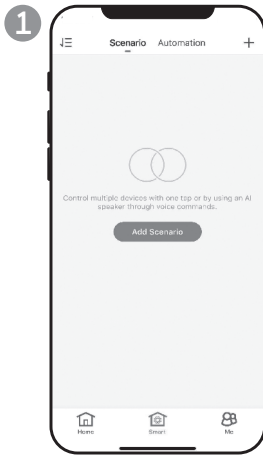


- a. Tap **Timer** set button.
- b. Tap **Add Timer**.
- c. Set the timer(s).
- d. When the timer is set, tap **Save**.

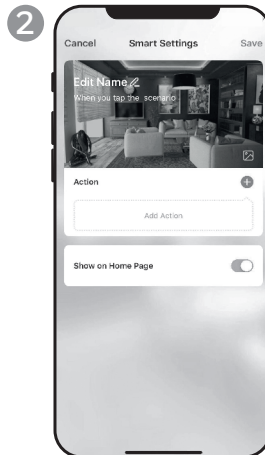
## ADDING A SCENARIO

The Scenario feature allows you to set up multiple Dehumidifiers under one Scenario and control them on one dashboard as needed. When you click on the Scenario, all Dehumidifiers will switch ON at the same time using previous settings.

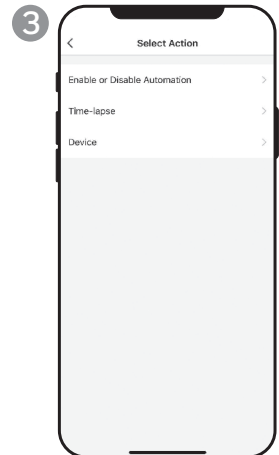
**E.g.:** If you had set up a Dehumidifier in the Living Room and one in the Basement, you can create a “Scenario 1” to switch both dehumidifiers on at the same time.



- a. Tap **Smart** control button.
- b. Tap **Add Scenario**.



- a. Tap **Edit Name** to set the name of the scenario.
- b. Tap the background to set the background image of the scenario.
- c. Tap **Add Action** to add action of the scenario.



- a. Select the **Enable or Disable Automation**. Tap **>**.
- b. Select the **Time-Lapse** of the action. Tap **>**.
- c. Select the **Device** and the action (on/off). Tap **>**.
- d. Tap **Switch**. Select the action for the device to perform (on/off).
- e. Tap **Save** and then **Next**.
- f. Tap **Save**.

## ADDING AN AUTOMATION SCENARIO

The Automation Scenario feature allows you to set up multiple dehumidifiers under one Scenario and it will automatically activate those dehumidifiers when there is a change in outdoor environment conditions.

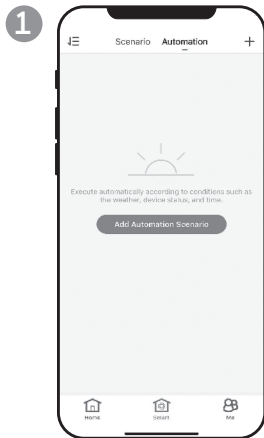
Pre-Set Outdoor Humidity Conditions:

**Dry:** 0-40%RH      **Comfortable:** 40-70%RH      **Moist:** above 70%RH

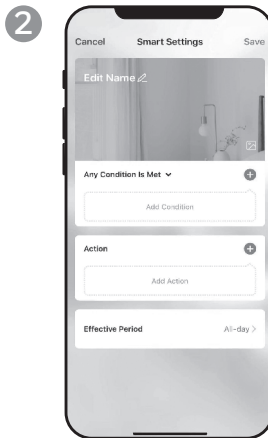
When a change in outdoor condition is met, the pre-set Automation Scenario will switch ON or OFF all Dehumidifiers set up in that Automation Scenario.

**E.g.:** If you had set up a Dehumidifier in the Living Room and one in the Basement, you can create an “Automation Scenario 1” to switch both dehumidifiers on at the same time when outdoor humidity changes from “Comfortable” to “Moist”. When the outdoor humidity changes to “Moist” level, the dehumidifiers will automatically switch ON using previous settings. The Dehumidifiers will continue running until internal room humidity reaches previous desired humidity settings.

**IMPORTANT:** If environment conditions remain constant, for example, it stays “moist”, the Dehumidifier will not activate automatically unless it senses a change in the pre-set humidity conditions from “Dry” to “Comfortable” or “Comfortable” to “Moist”.

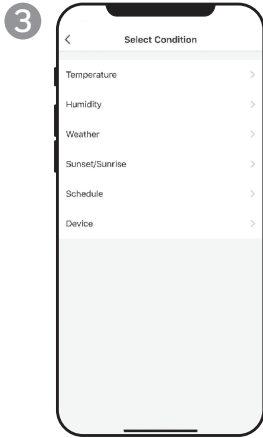


- a. Tap **Smart** control button.
- b. Tap **Automation**.
- c. Tap **Add Automation Scenario**.

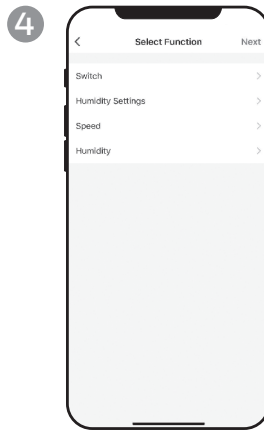


- a. Tap **Edit Name** to set the name of the automation scenario.
- b. Tap the background to set the background image of the automation scenario.
- c. Tap **Add Condition** to add the condition of the automation scenario activation.

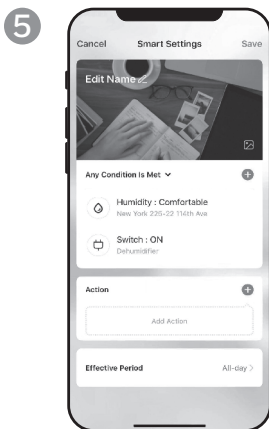
## ADDING AN AUTOMATION SCENARIO (CONTINUED)



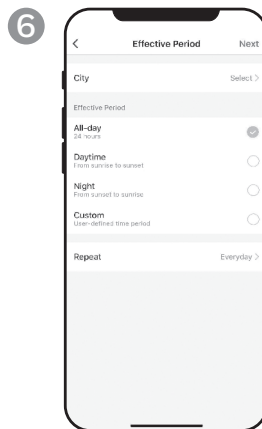
- a. Tap **Device**.
- b. Tap **Dehumidifier**.



- a. Select function(s) for the dehumidifier to perform, when the automation scenario condition(s) is/are met.
- b. Tap **Next**.





- a. Tap **Add Action** to set the action to be performed when the automation scenario condition(s) is/are met.
- b. Tap **Next**.



- a. Tap **Effective Period** to select when the automation scenario should activate.
- b. Tap **Next**.
- c. Tap **Save**.

## Connecting to an Amazon Echo Device:

**NOTE:** Ensure your Amazon Echo device is switched on and connected to the Wi-Fi network.

- a. Open the "Amazon Alexa" app on your smart device.
- b. Tap  and then **Skills & Games**.
- c. Tap  and type "Honeywell Air Comfort". Tap the **Honeywell Air Comfort** skill.
- d. Tap **Enable To Use** button.
- e. Enter your Honeywell Air Comfort App login and password.
- f. Tap **Link Now** and then tap **Authorize**.
- g. Tap **Done**.
- h. Tap **Discover Device**. Choose "Dehumidifier".
- i. Tap **Set Up Device** Choose a group for the device or tap **Skip**.
- j. Choose "Dehumidifier".
- k. Tap **Done**.

## CONTROLLING THE DEHUMIDIFIER WITH ECHO

### Switching On/Off:

Say: "Alexa, turn on/off dehumidifier".

### Setting the Speed:

Say: "Alexa, set speed to XX percent."

(Low speed: XX = 0 to 50; High speed: XX = 51 to 99)

### Setting the Target Humidity Level:

Say: "Alexa, set dehumidifier to XX percent."

### Humidity Conditions:

**Dry:** 0-40%RH

**Comfortable:** 40-70%RH

**Moist:** above 70%RH

### Switching the Scenario/ Automation Scenario On/Off:

Say: "Alexa, switch <Scenario Name> on/off."

# TROUBLESHOOTING

Problem	Possible Cause	Solution
Unable to register/login to an account.	Mobile smart device's Wi-Fi is switched off.	Switch on the mobile phone's Wi-Fi.
	Wi-Fi signal is too weak.	Install a Wi-Fi extender (not included).
		Move the smart dehumidifier closer to the Wi-Fi router.
Dehumidifier cannot pair with the Honeywell Air Comfort App.	Dehumidifier is not connected to the the electrical outlet.	Connect the dehumidifier to the socket-outlet.
	Wi-Fi signal is too weak.	Install a Wi-Fi extender (not included).
		Move the smart dehumidifier closer to the Wi-Fi router.
	The default pairing mode does not work.	Pair the dehumidifier in AP mode (see section on "Connecting in AP Mode")
	Wi-Fi connection frequency is incorrect.	Select a <b>2.4 GHz</b> Wi-Fi network
	Wi-Fi password is incorrect.	Use a correct Wi-Fi password.
	Wi-Fi network is invisible.	Set the Wi-Fi network to visible.
	Wi-Fi name uses foreign characters.	Set the Wi-Fi name to use alphanumeric characters and numbers only.
The encryption method of the router's wireless setting is wrong.	Set the encryption method of the router's wireless setting to "WPA2-PSK" and the authentication type to "AES", or both are set as automatic. <b>Note:</b> "802.11n only" is not allowed in wireless mode.	

## TROUBLESHOOTING (CONTINUED)

Problem	Possible Cause	Solution
Dehumidifier cannot pair with the Honeywell Air Comfort App. (Continued)	The number of connected devices reached the limit of the router.	Turn off the Wi-Fi functions of some of the connected devices.
		Re-configure the router.
	The router has enabled the wireless MAC address filter.	Remove the device from the MAC address filter on the router.
		Ensure the device is not prohibited by the router to connect to the network.



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