

Daikin One+ Smart Thermostat Installation & Commissioning



Technical Training Module TRC-3

DAIKIN COMFORT TECHNOLOGIES NORTH AMERICA, INC.



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Agenda

Daikin *One+*

System Configurations

Installing Daikin *One+*

SkyportCare

Commissioning

Dealer Navigation

Homeowner Navigation

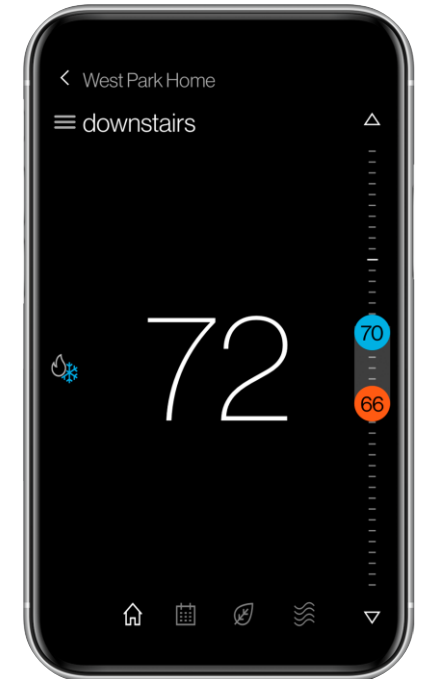
SkyportHome Mobile App

Daikin *One+* Smart Thermostat

- Premium control that provides optimal comfort.
- Easy to use, energy efficient, reliable, and ensures that the system is set up properly.
- Designed to regulate and communicate with HVAC equipment.
- The user will be able to control the indoor unit remotely through the *SkyportHome* app.

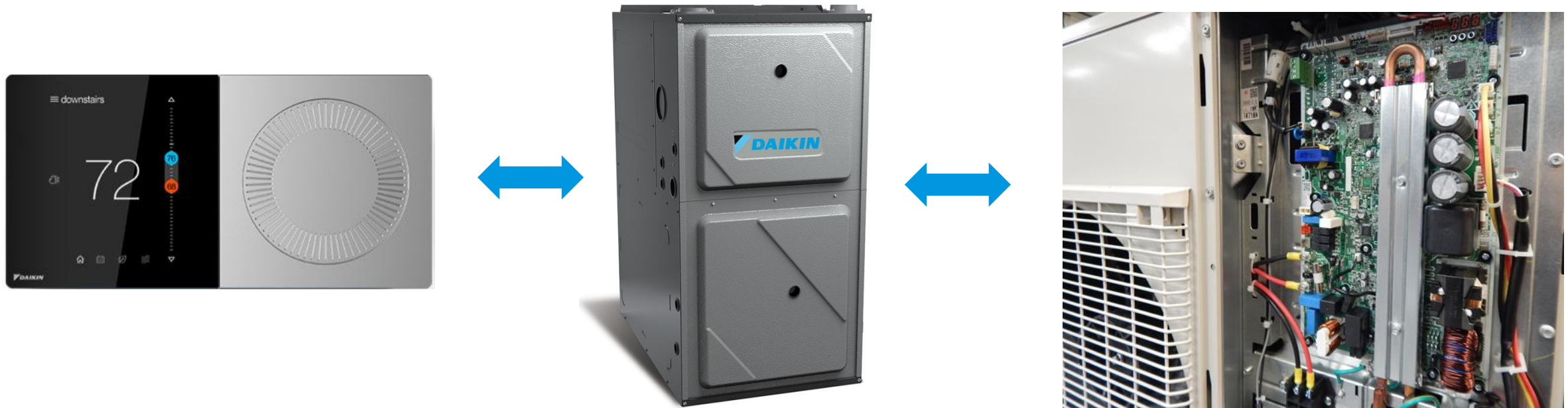


SkyportHome



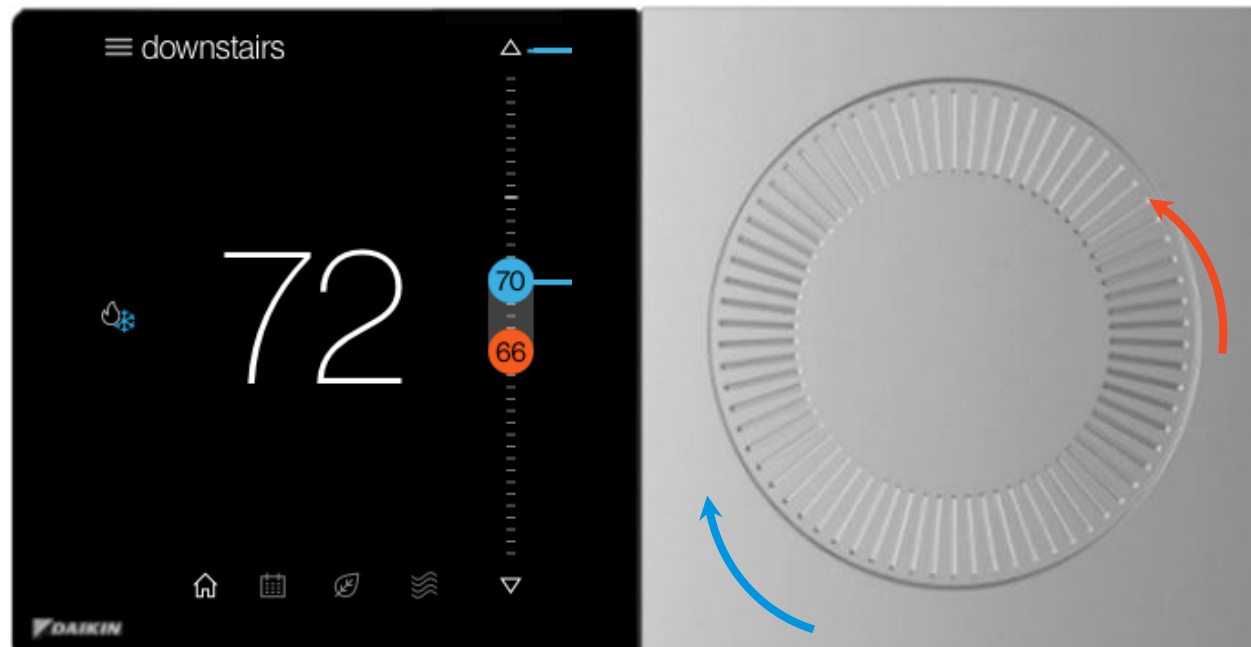
Daikin One+ Smart Thermostat

- Offers two-way communication when combined with:
 - Unitary inverter/SD systems and two stage systems.
 - Daikin systems only: Includes the Daikin *One* ecosystem which provide an integrated solution for temperature control and air quality.
 - Daikin *One* home air monitor (recommend adding the MERV 15 filter)
- Serves as a cloud-connected hub and controller for communicating HVAC systems.



Daikin One+ Interface

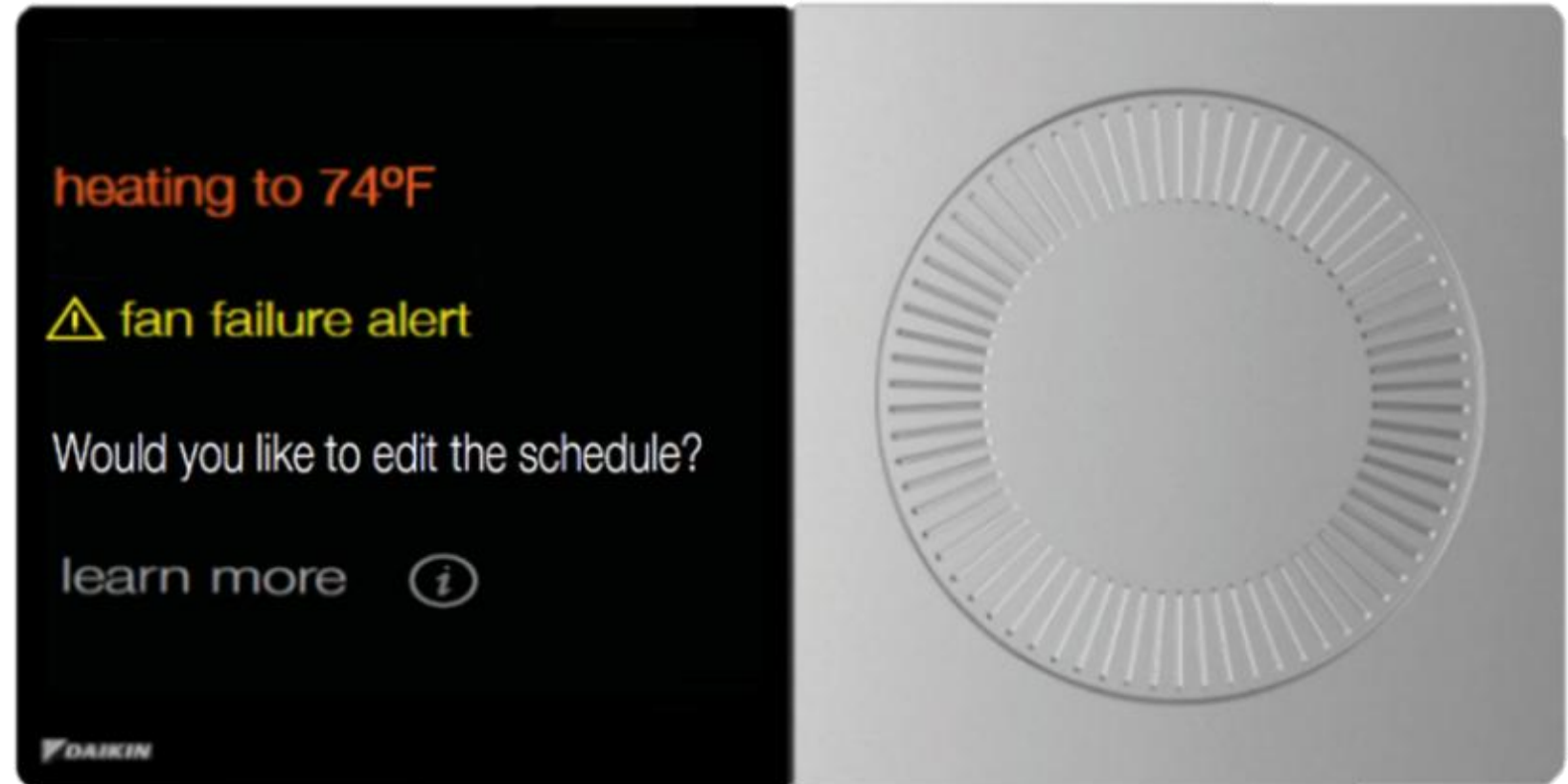
- The thermostat has a physical dial on the right used for manual setpoints adjustments.
- Pressing the center of the dial at any time during normal mode acts as a home button, displaying the primary screen.
- The high-resolution touch screen on the left supports tactile-based interactions.
- Navigating to each screen is done by tapping an icon.



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Messaging

- Daikin One+'s messaging updates, confirms, and informs about selections you make during set-up and operation.
- There are four types of messages:
 - Status
 - Alerts
 - Reminders and Prompts
 - Learn more/tips



Note: Alerts have priority over all other messages in the system.

Quick Reference Card

- Quick reference cards are packaged with the thermostat to help answer questions during the installation and commissioning.

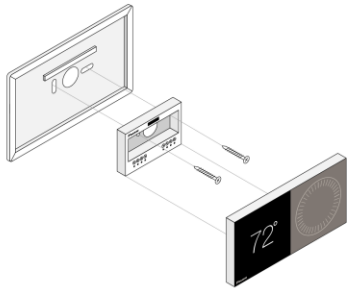
Dealers
Install the thermostat

If you need to cover holes in the wall, place the trim plate against the wall first.

Then use the included screws to secure the terminal plate to the wall (sandwiching the trim plate if you're using it).

After connecting the wires, place the top of the thermostat against the terminal plate and press down until it snaps into place.

Get help at www.daikinone.com/smart_thermostats/oneplus/pros



Trim plate (optional) Terminal plate Screws Thermostat

Dealers
Commission the system

After connecting to power, follow the on-screen instructions.

Full Setup
Use full setup (shown on right) to customize settings and ensure the system is properly configured and ready for homeowners to use.

Get help at www.daikinone.com/smart_thermostats/oneplus/pros



DAIKIN

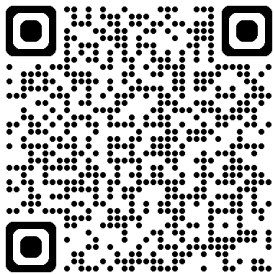
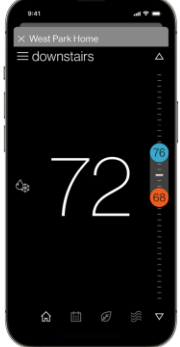
Homeowners
Install the app to control your smart thermostat from virtually anywhere.



Available on the App Store and Google Play.



www.daikinone.com/smart_thermostats/oneplus/app



← **Scanning** the bar code on the **bottom left** corner will link you to a website related to the title of the card.

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Valid System Configurations

Communicating Indoor

- Air handler.
- Furnace.
- EEV coil.

Communicating Outdoor

- Heat pump.
- Air Conditioning.

Non-communicating Indoor

- Furnace
 - Utilizing a D24V Gateway

Non-communicating Outdoor*

- 24V single-stage condenser.



*Added equipment.

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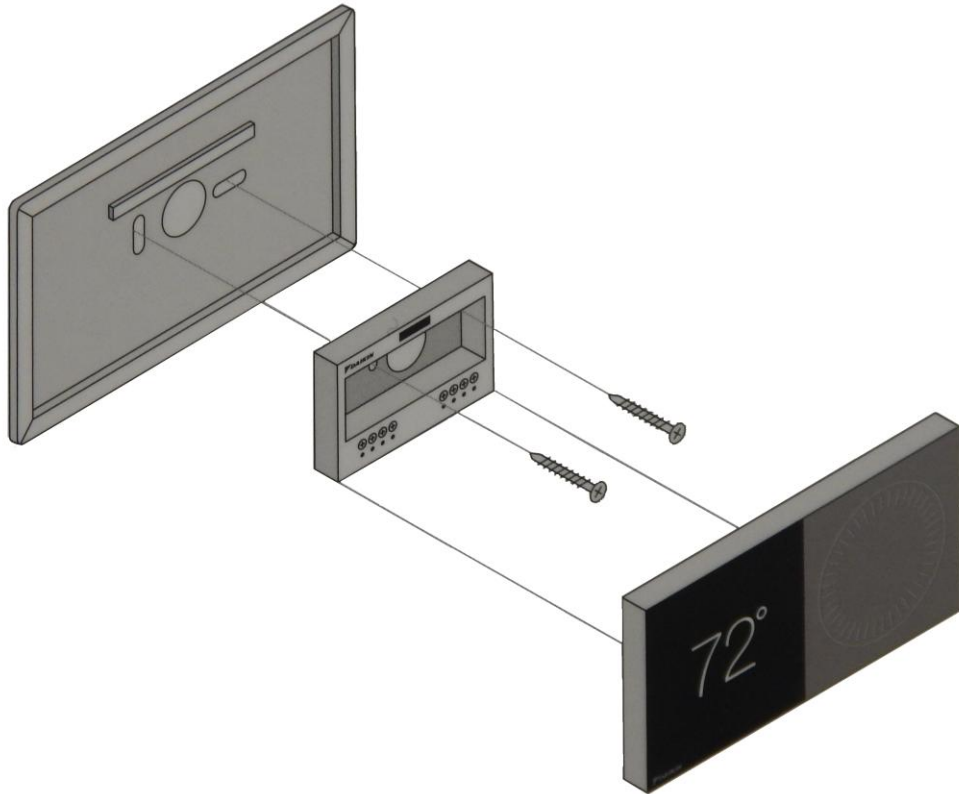


DO NOT Install The Thermostat Where It Can Be Affected By:

- Drafts or dead spots behind doors and in corners.
- Hot or cold air from ducts or ceiling fans.
- Radiant heat from the sun or appliances.
- Concealed pipes and chimneys.
- Unheated (uncooled) areas such as an outside wall.



- Mount the thermostat to be
 - Leveled.
 - Approximately 5' from the floor.
 - On an interior wall using the included screws.



FLOOR

- Maximum wire distance between the Daikin *One+* and the indoor unit should not exceed **125 feet using 18-gauge wire**.
- **Check for proper voltage before and after wiring is installed.**
 - 0.6VDC between Data 1 and 2
- Wiring communicating indoor unit to communicating outdoor units.
 - Connect **1, 2, C and R** from the **Daikin *One+***, to **1, 2, C and R** at the **indoor** unit.
 - Connect wires **1 and 2** from the **indoor** unit to **1 and 2** at the **outdoor** unit.
- Wiring communicating indoor unit to non-communicating outdoor units.
 - Connect **1, 2, C and R** from the **Daikin *One+***, to **1, 2, C and R** at the **indoor** unit.
 - Connect wire **Y1** from the **indoor** unit to **Y1** at the **outdoor** unit.

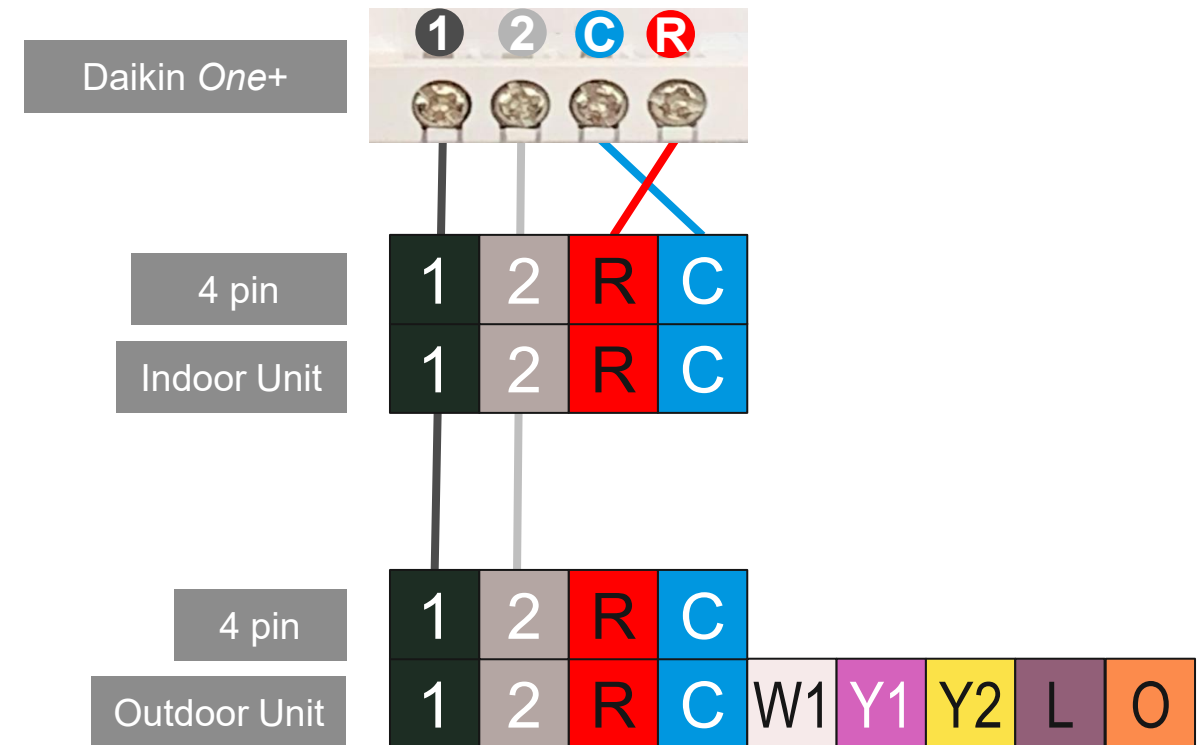


- ① **Data Line 1**
- ② **Data Line 2**
- Ⓢ **24 volt common**
- Ⓡ **24-volt power**

Wiring thermostat to communicating systems

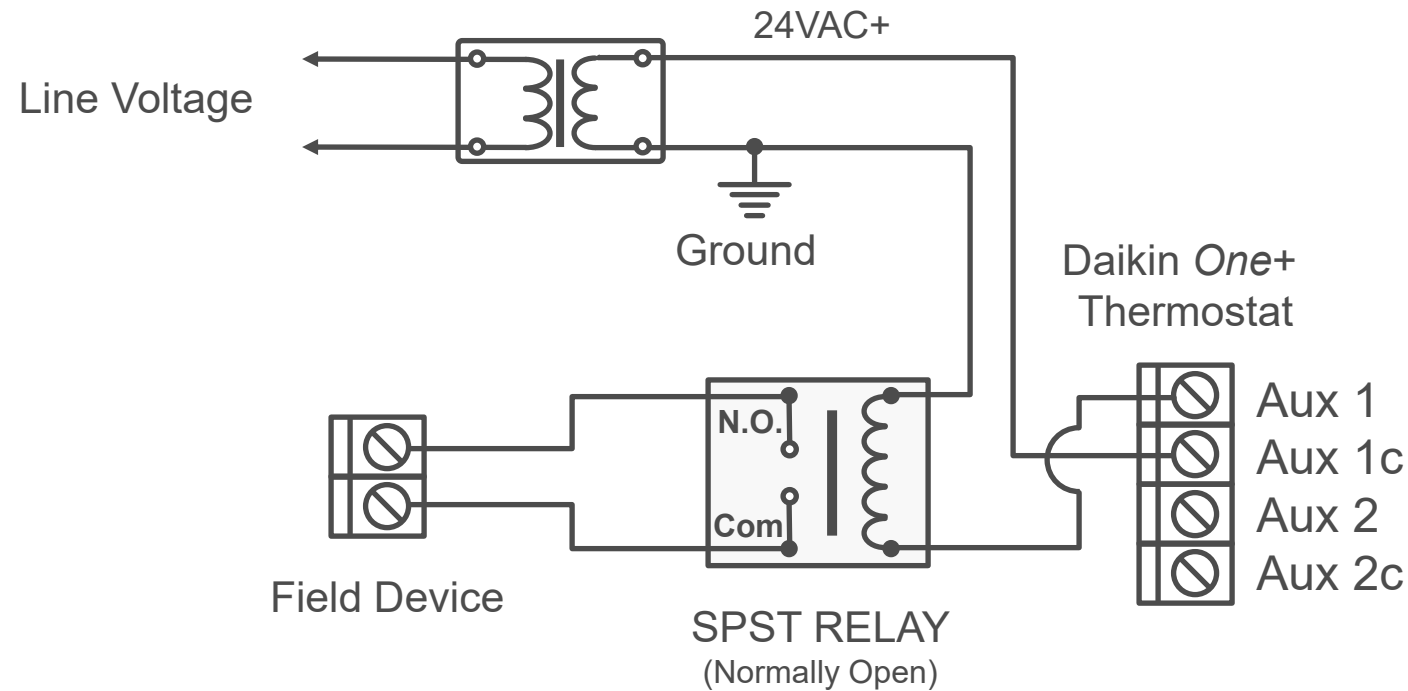
- Communicating indoor units with a **4-pin connector supplied**, will match **1, 2, R, C** on the 4 pin with **1, 2, R, C** on the **indoor PCB**.
- Communicating outdoor units with a **4-pin connector supplied**, will match **1, 2** on the 4 pin with **1, 2** on the **outdoor PCB**.

Note: The Daikin One+ is labeled **1, 2, C, R**. **If wired incorrectly, you will receive a communication error, or your equipment may not be recognized and displayed.**



Aux wiring

- The thermostats Aux outputs are dry contacts that close the connection to turn on the Aux equipment.
- A 24V AC control signal must be routed through one of the aux contacts of the thermostat.



Note: The terminals are selected in the Daikin *One+* installer wizard.
It is recommended to use a minimum of 18-gauge wire. Maximum operating length of wire is 125 ft.

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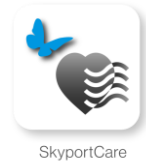
Homeowner Navigation

SkyportHome Mobile App

SkyportCare – How to Invite Team Member (Dealer Employee)

1. To add a Team Member to your *SkyportCare* account, please click the “Add Member” link in the Team Member widget.
2. Enter the first name, last name, email address, and select their role* (Access level).

***Admin role can add/delete/edit both Team Members and Customers, and the Technician Role (Tech) can only add new customers**



1

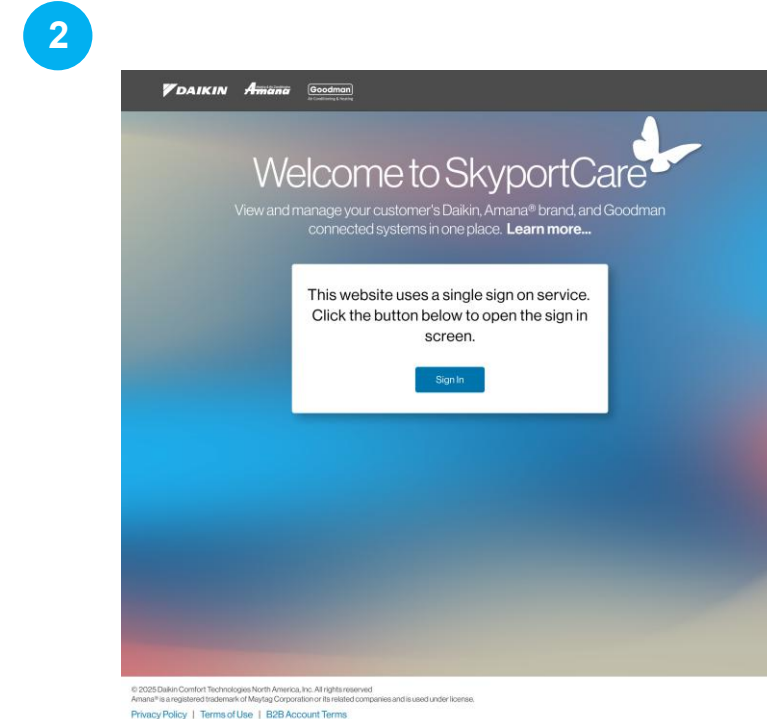
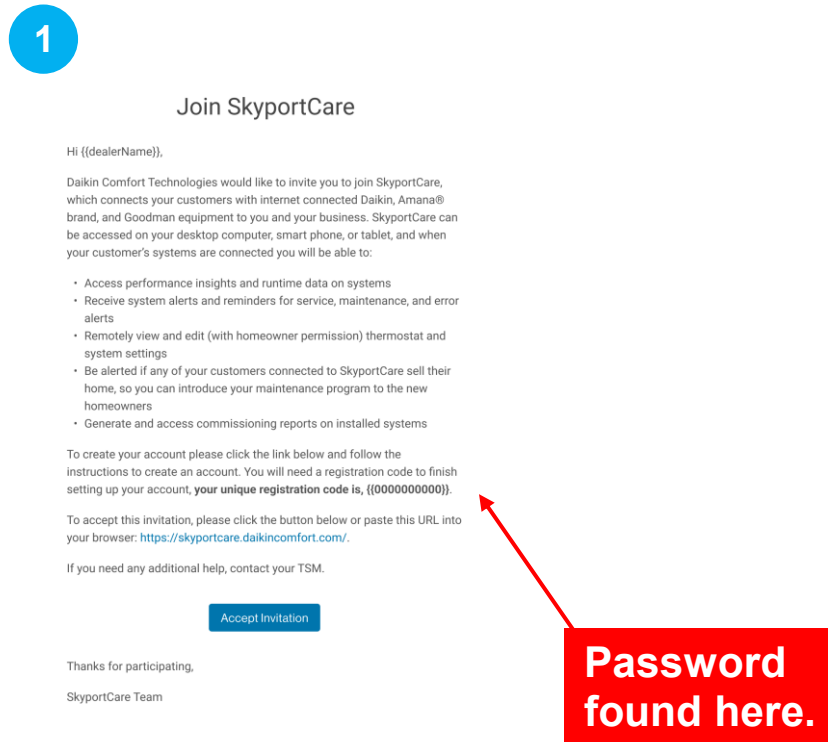
The screenshot shows the SkyportCare Dashboard. On the left is a sidebar with icons for a grid, a document, a location pin, and a wrench. The main area is titled 'Dashboard' and contains several widgets: 'System Access' with a bar chart showing 72 adjust settings, 22 monitor, 4 no access, and 7 offline; 'Alerts' with a list of errors (B0 - Fan Failure Error, E7 - System Error, Loss of charge); 'Reminders' with a list of active reminders (2 active, 4 within 30 days, 12 within 60 days, 31 within 90 days); 'System Health' with a circular gauge showing 16 errors (Critical Error, Minor Error, Reminder, OK); 'Customers' with a list of active customers (15 active, 6 invited, 4 license updates needed); and 'Team Members' with a list of team members (1 administrator, 5 technicians, 1 installer, 1 invited members) and an 'Add Member' link. The footer contains logos for DAIKIN, AMANA, and Goodman, and copyright information for Daikin Comfort Technologies North America, Inc.

2

The screenshot shows the SkyportCare Dashboard with the 'Add Member' modal form open. The form has fields for 'First Name' (John), 'Last Name' (Doe), 'Email Address' (john@example.com), and 'Role' (Admin). There are 'Cancel' and 'Invite Member' buttons. The background dashboard is dimmed, showing the same widgets as in the previous screenshot.

SkyportCare – How to Accept Invitation

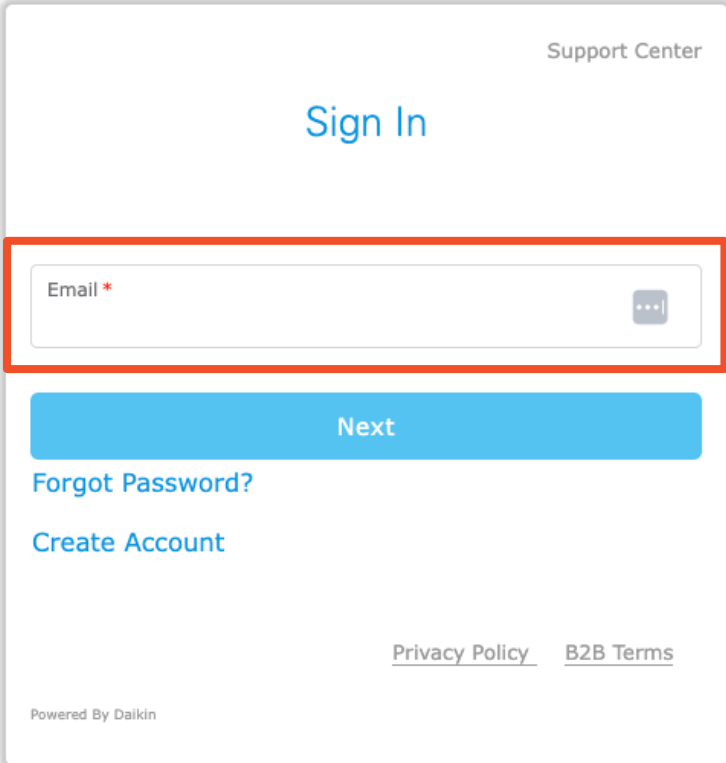
1. The invited team member will receive an email invitation along with a password to login to SkyportCare
2. Employee will then return to <https://skyportcare.daikincomfort.com/> and enter their email address and password provided in the email. (See next slide)



SkyportCare – How to Accept Invitation

3. Enter your email address here.
4. Enter the password provided in your invitation email here.

3



Support Center

Sign In

Email *

Next

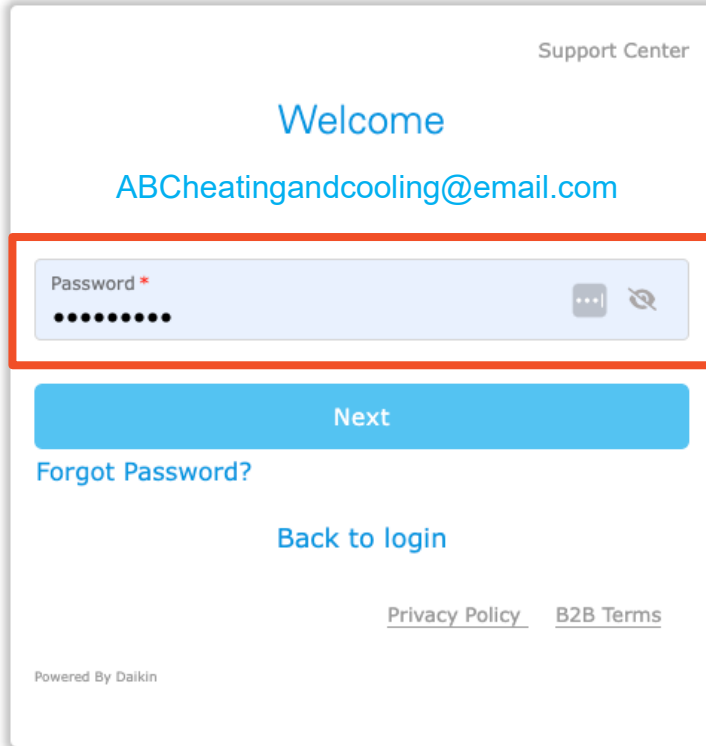
[Forgot Password?](#)

[Create Account](#)

[Privacy Policy](#) [B2B Terms](#)

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4



Support Center

Welcome

ABCheatingandcooling@email.com

Password *

Next

[Forgot Password?](#)

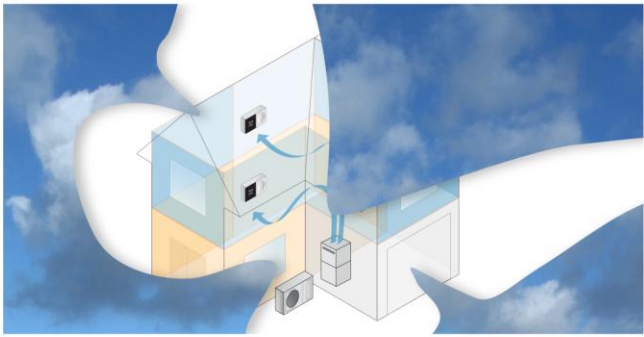
[Back to login](#)

[Privacy Policy](#) [B2B Terms](#)

Powered By Daikin

5. Upon your login, new users are directed to the “What’s New!” page which highlights recent feature releases, news, and updates.
6. The employee can navigate into *SkyportCare* by clicking on the *Dashboard*, *Customers*, or *Map* navigation icons on the left-hand navigation menu.

5

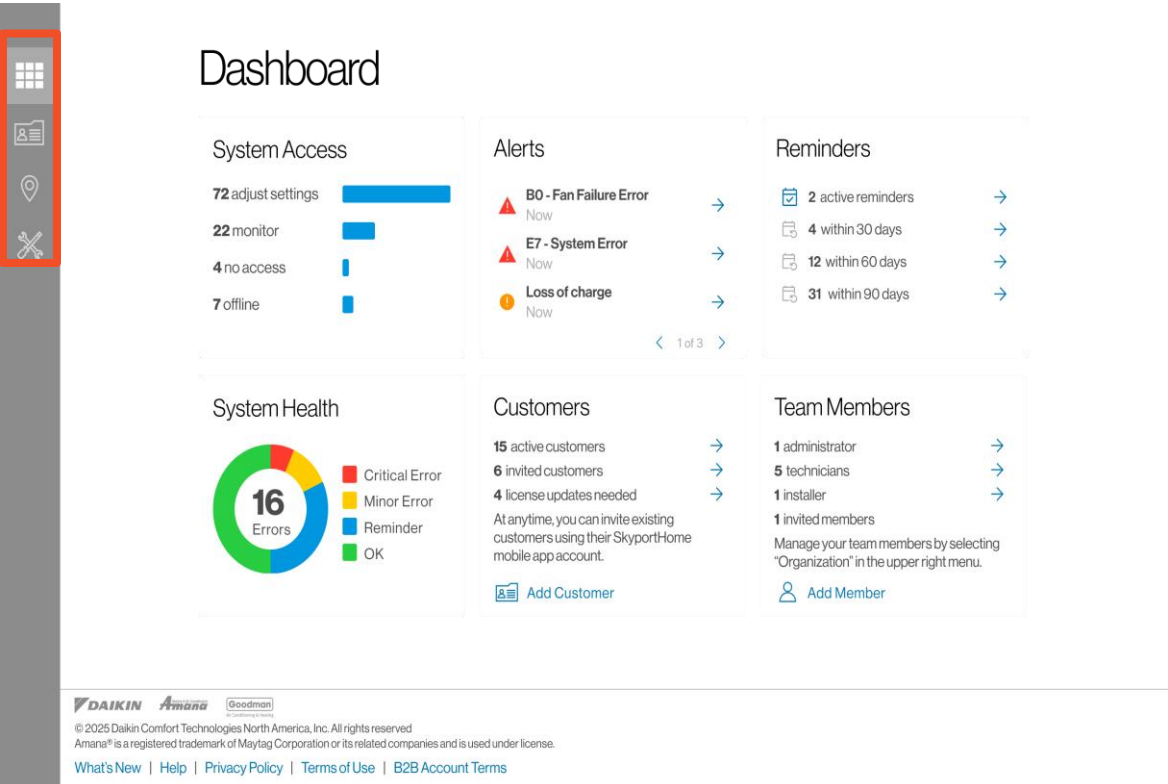


Welcome to the NEW SkyportCare!

Daikin & Amana Cloud Services have gotten a refresh and are now SkyportCare! SkyportCare gives you a single portal to access all Daikin brands (Daikin, Amana, & Goodman), and the ability to commission and service systems using any of our communicating thermostats.

All the customers you had connected to your company on Cloud Services are visible in SkyportCare and existing license durations will not be interrupted. SkyportCare provides the same functionality you have come to know and expect from Cloud Services, just a with a slightly different look.

6



Dashboard

System Access

- 72 adjust settings
- 22 monitor
- 4 no access
- 7 offline

Alerts

- 80 - Fan Failure Error
- E7 - System Error
- Loss of charge

Reminders

- 2 active reminders
- 4 within 30 days
- 12 within 60 days
- 31 within 90 days

System Health

16 Errors

- Critical Error
- Minor Error
- Reminder
- OK

Customers

- 15 active customers
- 6 invited customers
- 4 license updates needed

At anytime, you can invite existing customers using their SkyportHome mobile app account.

Add Customer

Team Members

- 1 administrator
- 5 technicians
- 1 installer
- 1 invited members

Manage your team members by selecting "Organization" in the upper right menu.

Add Member

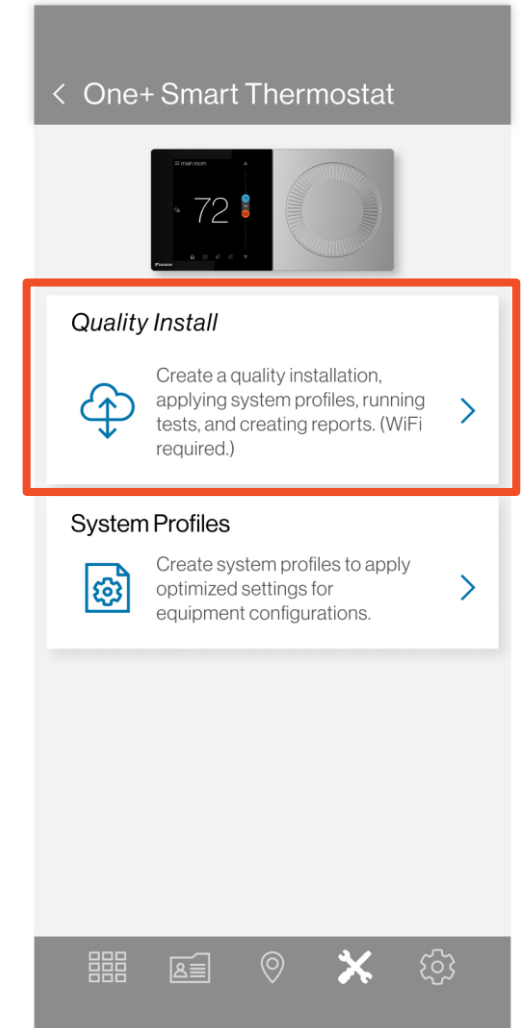
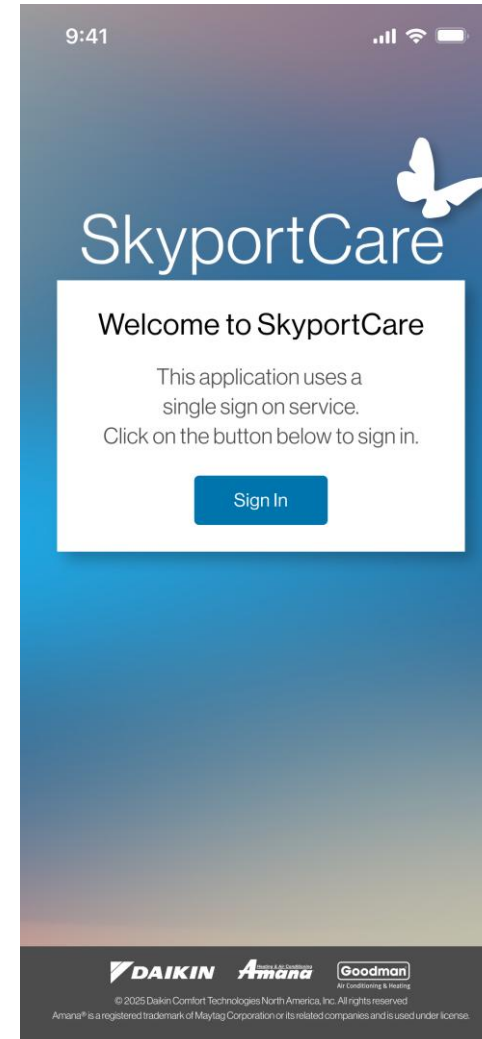
DAIKIN Amana Goodman

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[What's New](#) | [Help](#) | [Privacy Policy](#) | [Terms of Use](#) | [B2B Account Terms](#)

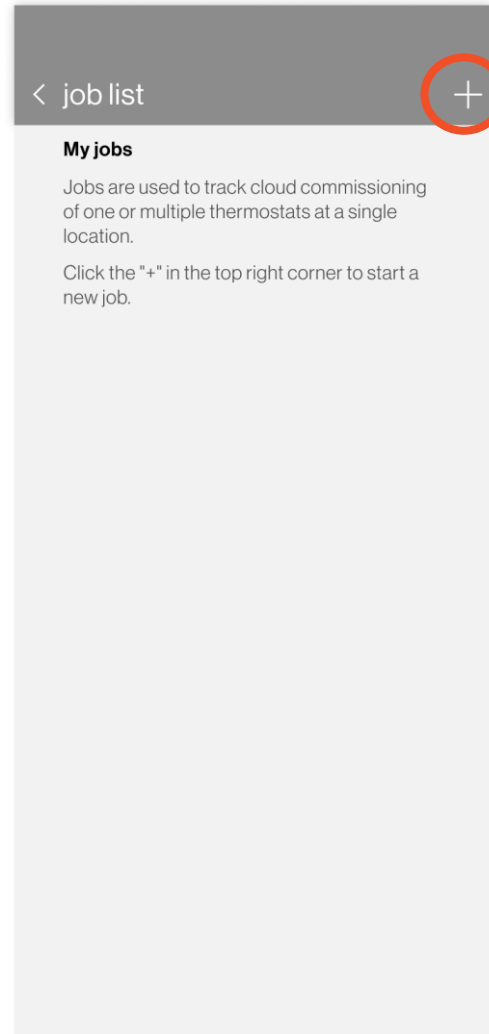
SkyportCare - Quality Install

- Download the *SkyportCare* app. from your respective app. store.
- You need to create an account to log in
 - User ID and password (case sensitive)
- System profiles enable the technician to modify settings from the app. and upload those settings to the thermostat.



Create A Job Based On Location

- Every job needs the location details.
- Click on the “+” sign to add location details and continue.
 - The user can use their GPS location to automatically fill in the address.

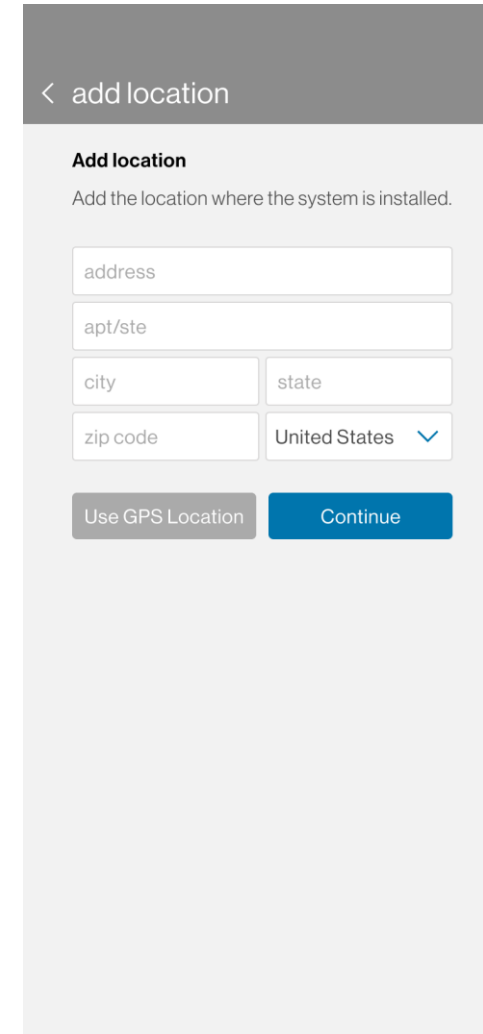


< job list

My jobs

Jobs are used to track cloud commissioning of one or multiple thermostats at a single location.

Click the "+" in the top right corner to start a new job.



< add location

Add location

Add the location where the system is installed.

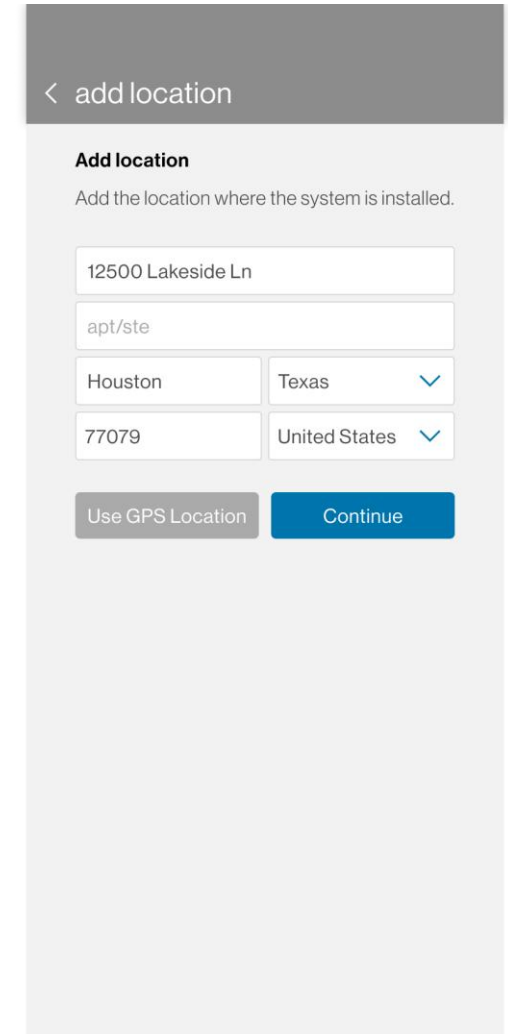
address

apt/ste

city state

zip code United States

Use GPS Location Continue



< add location

Add location

Add the location where the system is installed.

12500 Lakeside Ln

apt/ste

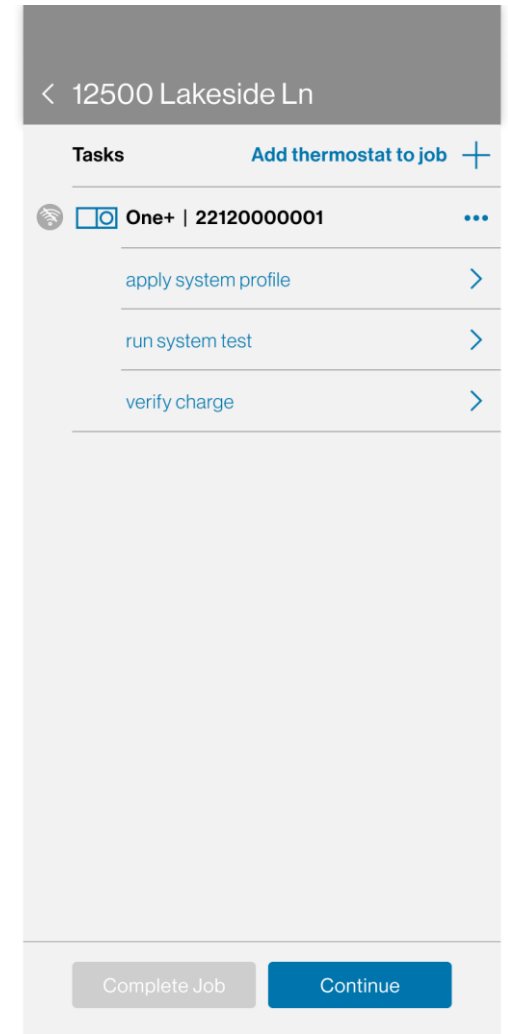
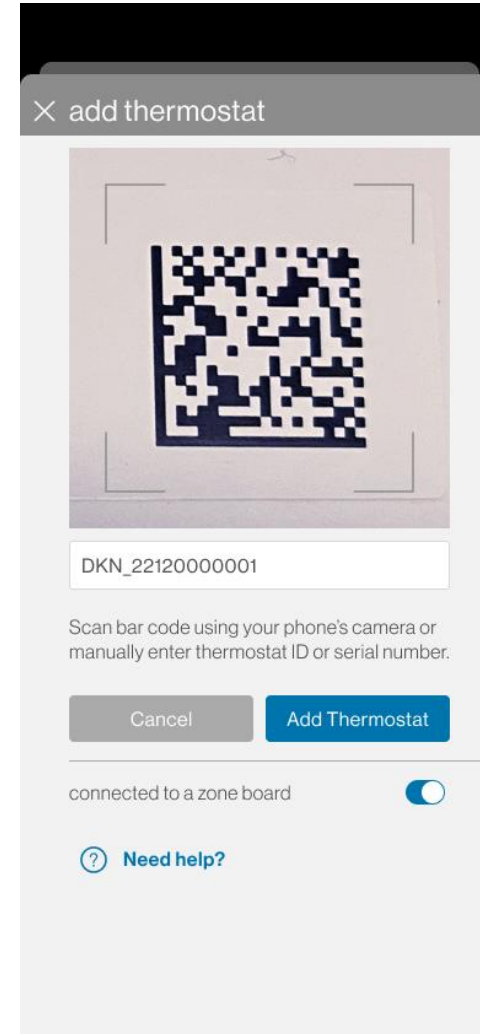
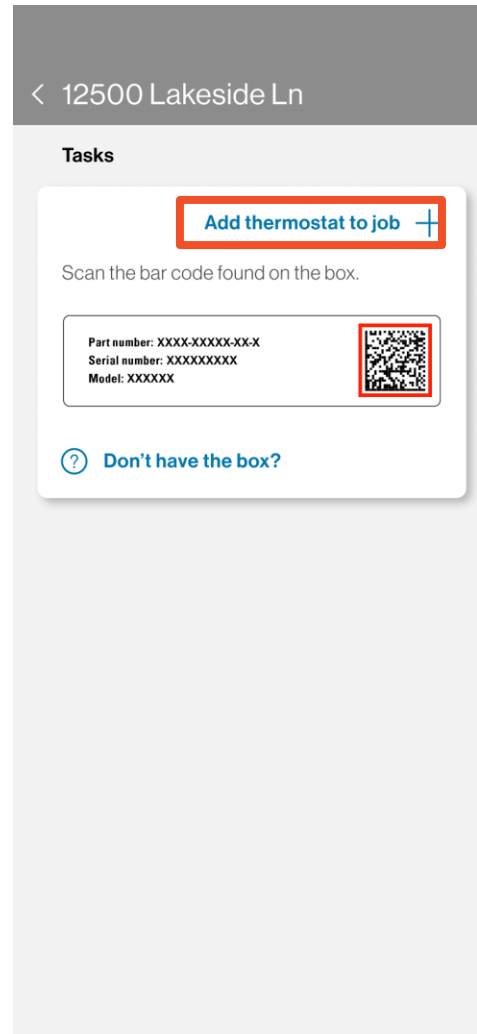
Houston Texas

77079 United States

Use GPS Location Continue

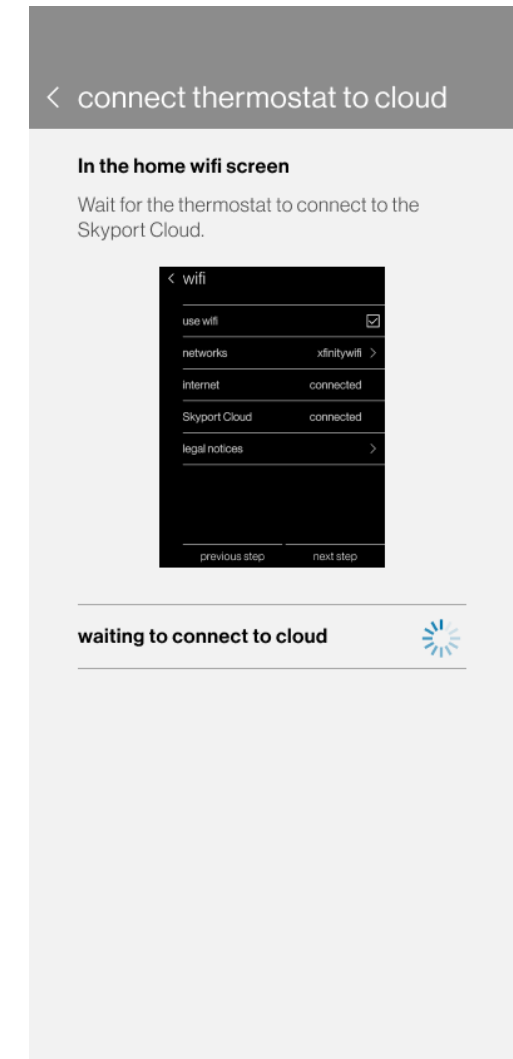
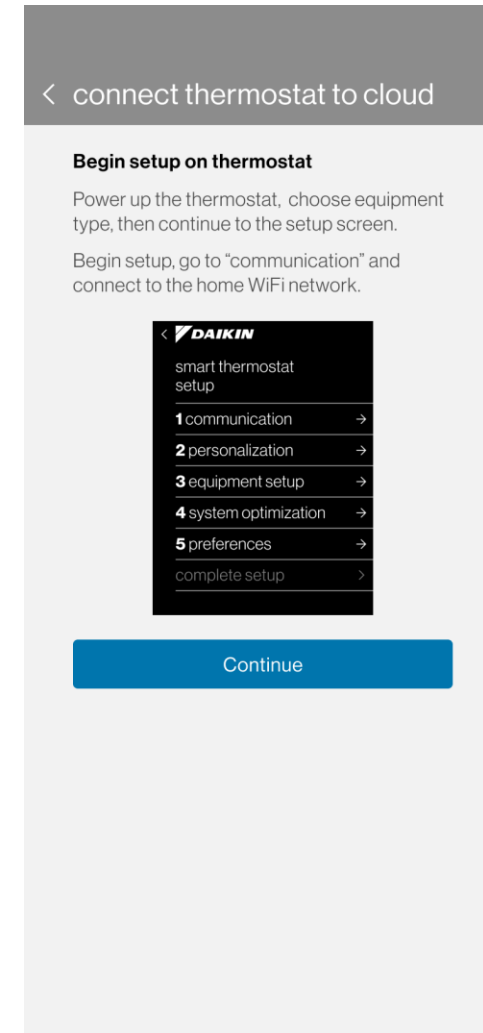
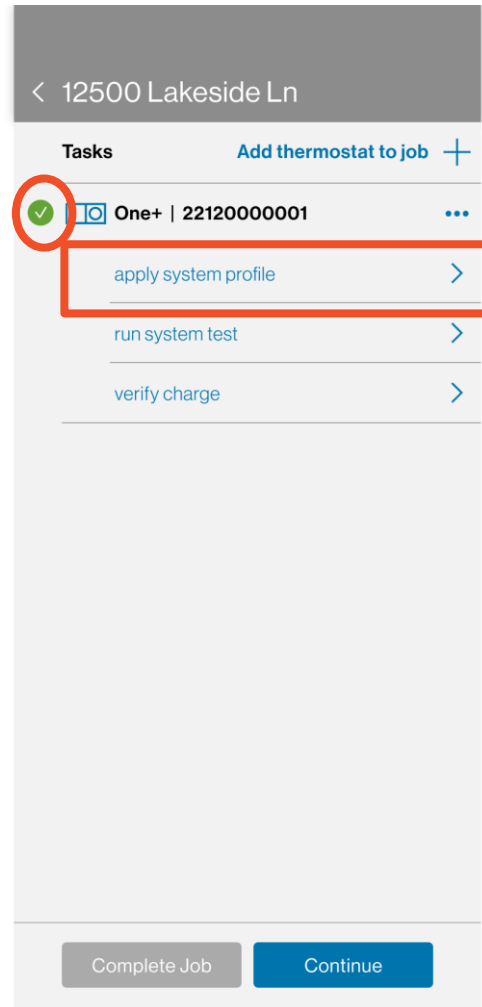
Add Thermostat To Job And Configure For Zoning If Needed

- Add thermostat by tapping on + in top right corner then scanning the 2D bar code or entering thermostat DKN(S) # manually.
 - The 2D bar code is found on the terminal subbase.
 - DKN # is found by navigating through the thermostat setting menus.
- Zone board configuration can be seen by sliding the toggle button to the right.
 - If a thermostat is connected to a zone board and not zone one, then equipment info will not be available.



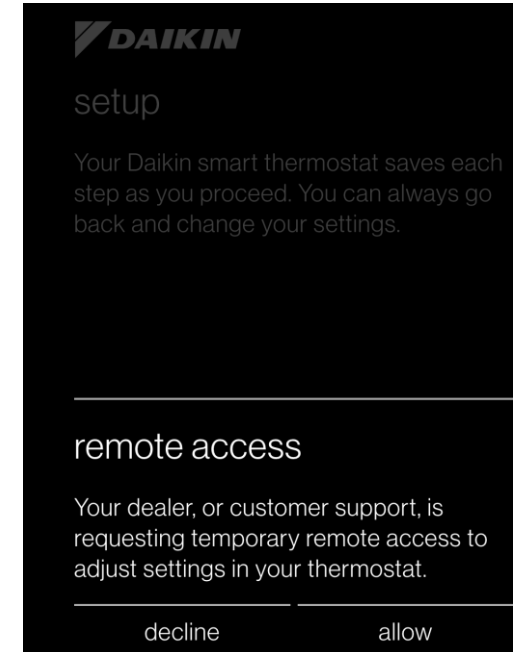
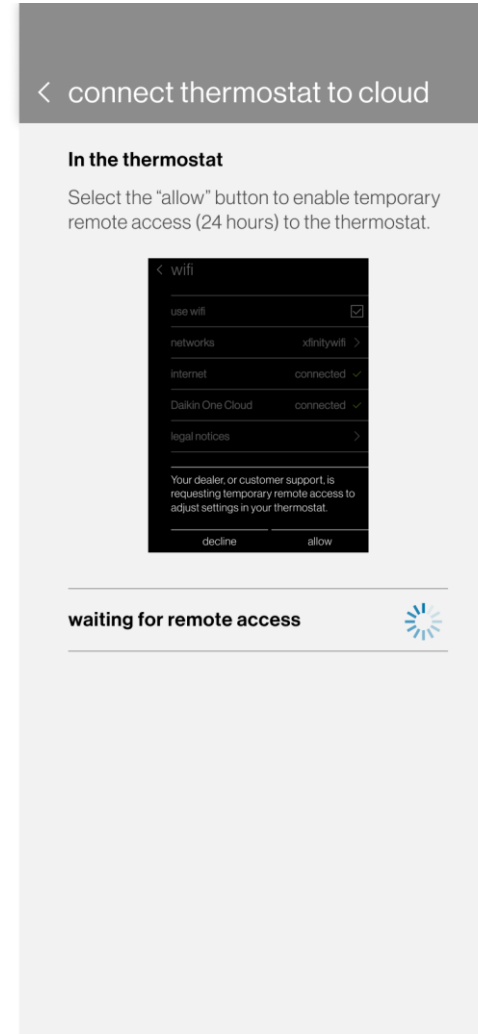
Connect The Thermostat To Wi-Fi

- On selection of any task, internet connection will need to be verified before the user can continue setup.
 - If the Wi-Fi icon is grey, the system is not connected to Wi-Fi.
- To connect to Wi-Fi, first click on “apply system profile”
- On the thermostat, in the 5-step commissioning process, navigate to the communication option.
 - Check the "use Wi-Fi" option
 - Select network
 - Enter password
 - Once connected to internet: "SkyportCloud" will show connected.
 - In the app press "Continue".



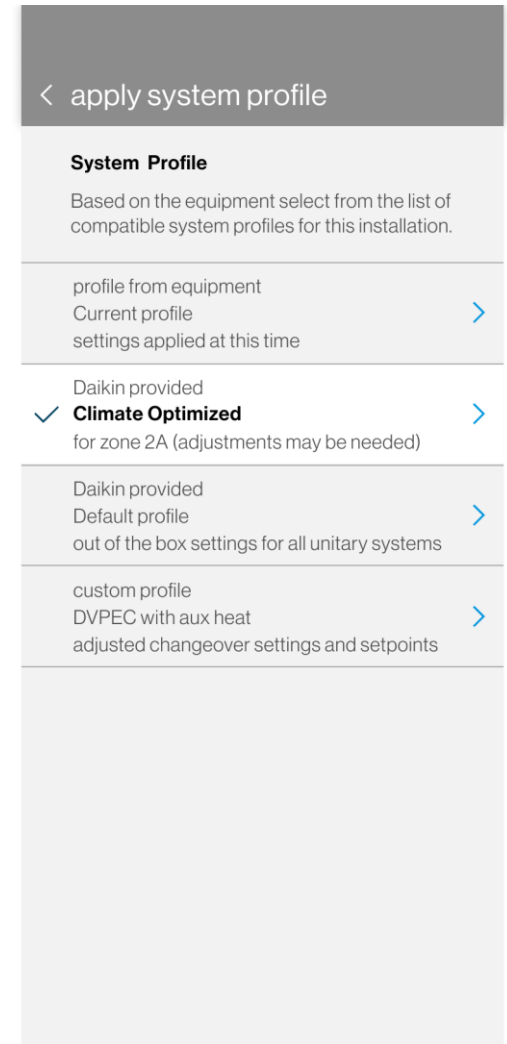
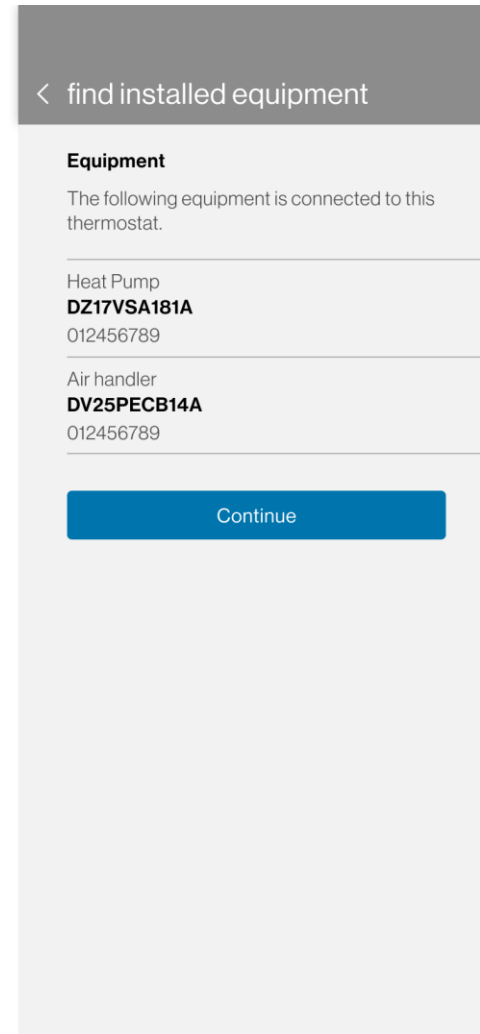
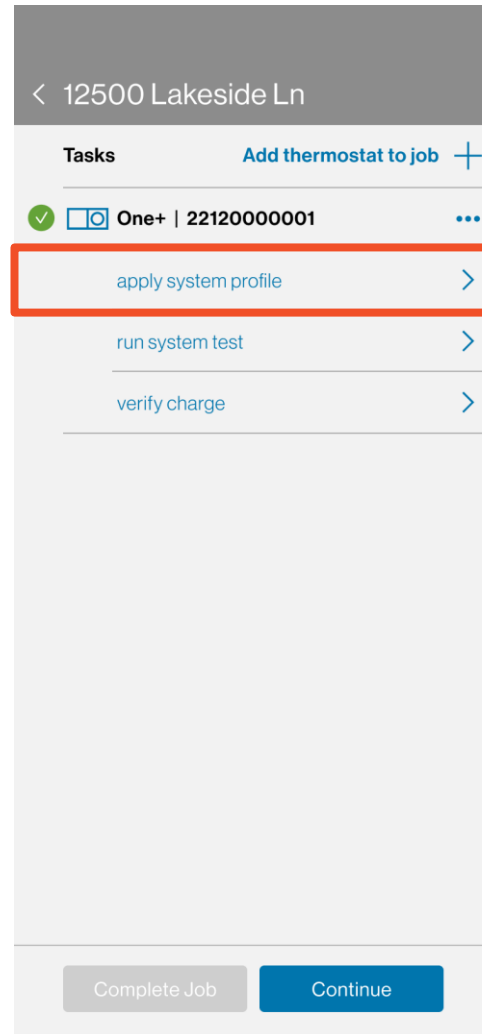
Connect To Home Wi-Fi

- Once the thermostat is connected to Wi-Fi, following the “Cloud Commissioning” process, the app will automatically request access.
 - The user will then confirm the access on the thermostat UI.
 - The app will receive the confirmation and automatically move the user to the selected task.
- Note: If the thermostat starts to update, please allow for the update to complete before continuing.



Apply System Profile

- A list of the connected equipment will be populated once connected to Wi-Fi.
 - Verify equipment, then continue to view thermostat profile options.
 - Once connected to Wi-Fi, the green  icon will be displayed. If access is expired, then the user will see the no access icon .



Apply System Profile (continued)

- You can select and or modify any profile to send to the thermostat.
 - Make edits as needed, then tap “Send to Thermostat”
- NOTE: Modifying the profile does not affect the default profile

< apply system profile

System Profile

Based on the equipment select from the list of compatible system profiles for this installation.

profile from equipment

Current profile

settings applied at this time

>

Daikin provided

✓ **Climate Optimized**

for zone 2A (adjustments may be needed)

>

Daikin provided

Default profile

out of the box settings for all unitary systems

>

custom profile

DVPEC with aux heat

adjusted changeover settings and setpoints

>

< apply system profile

Climate Optimized

Q

Search

device name

main room

>

Display

language

english

>

degree units

fahrenheit

>

use large font

use light bar

screen saver

off

>

Date & Time

time zone

Pacific

>

use 24-hour time format

Away

away temperatures

58° / 82°

>

Send to Thermostat

Run System Test

- Running system test will prompt the user to calculate the charge before running the test.
 - Measure total line set length, then select liquid and suction line diameter before calculating required trim charge.
 - Input the actual charge weighed in.

< 12500 Lakeside Ln

Tasks [Add thermostat to job](#) +

✓ One+ | 22120000001 ...

✓ profile: Climate Optimized >

run system test >

verify charge >

Complete Job Continue

< system test

Charge by line set length

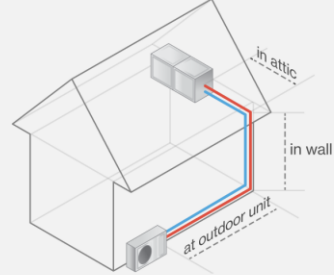
The outdoor unit is shipped with a predetermined factory charge level.

Before starting the test it is recommended to calculate the line length and diameter to get the total recommended refrigerant weight.

Calculate

Daikin cloud commissioning supports installation practices detailed in the equipment installation manual. Refer to this system's IOM for questions on proper installation.

× calculate charge



Enter the total line set length and diameter to get the recommended refrigerant weight.

total line set length:
length feet

liquid line diameter:
3/8 inches

suction line diameter:
3/4 inches

Calculate

< system test

Charge by line set length

Required trim charge **24 oz.**

Add refrigerant up to recommended weight into the liquid line.

How much weight did you add?

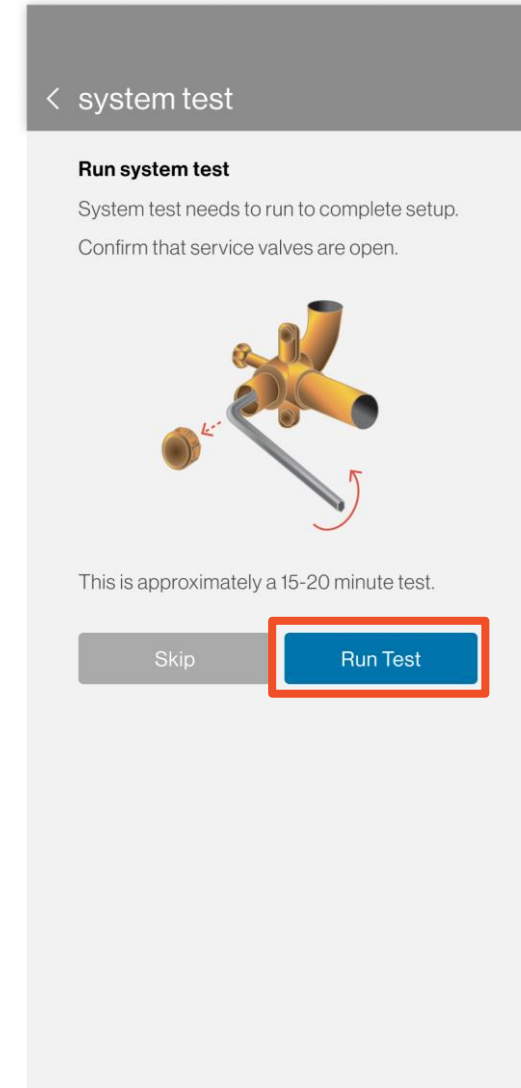
weight oz.



Recalculate Continue

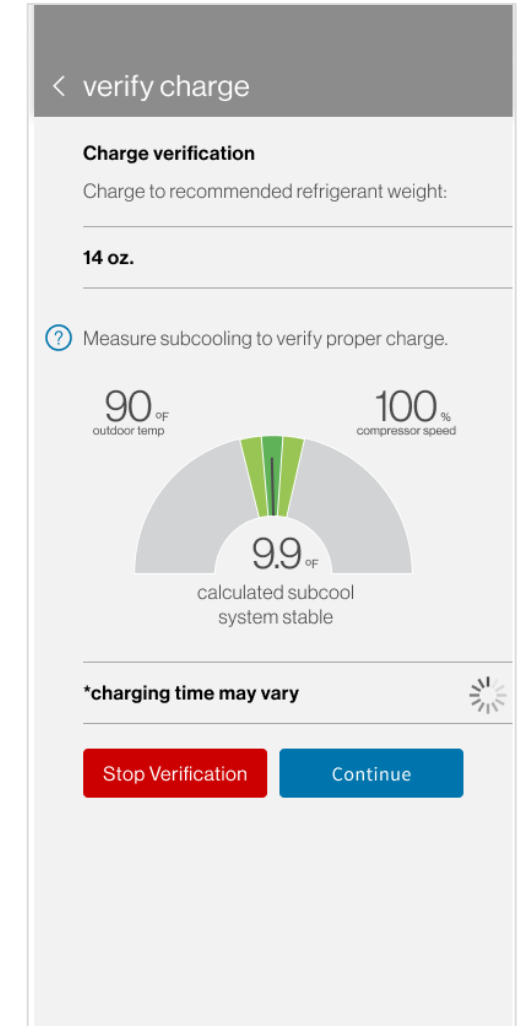
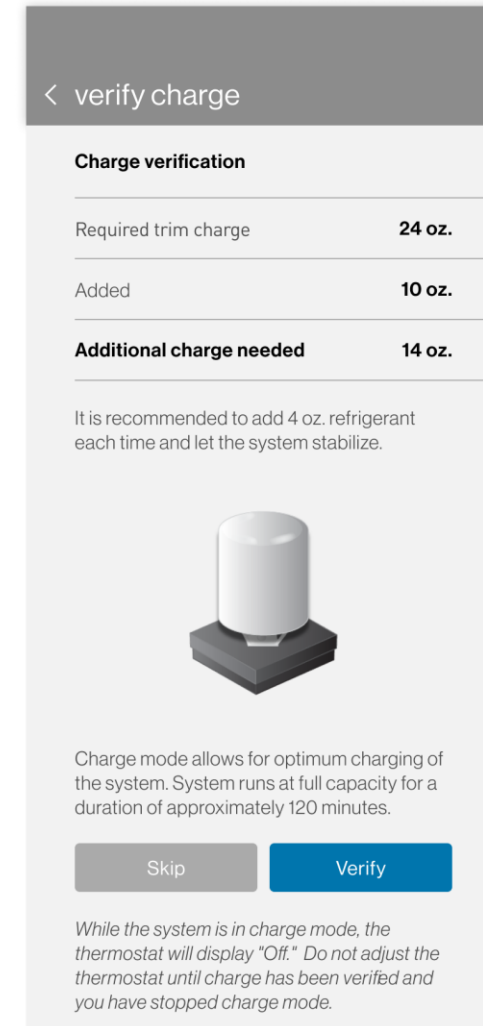
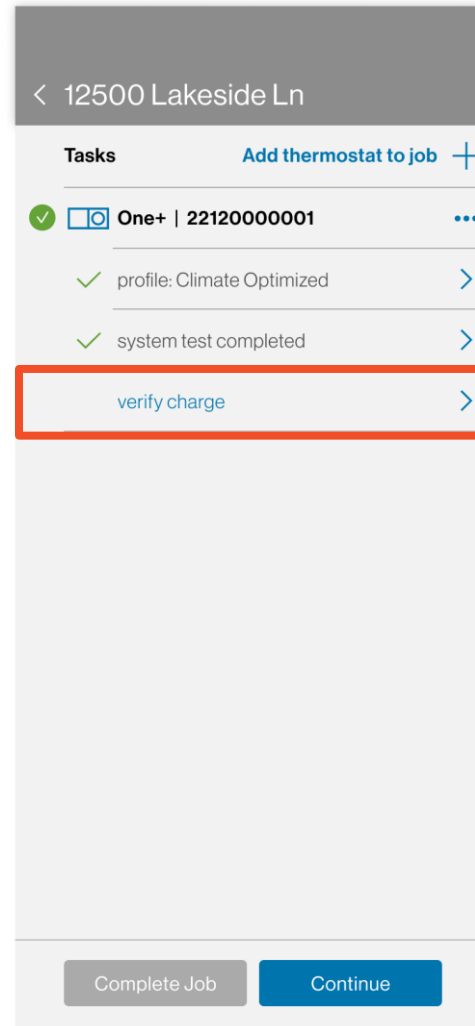
Run System Test

- Verify service valves are open.
 - Tap “Run Test.”
 - Users can leave the screen while the test is running and return as needed.
 - System test is required for inverter systems.
 - If the test has not been completed an error code "11" will be generated.
 - Error code "11" will clear once the test is complete.



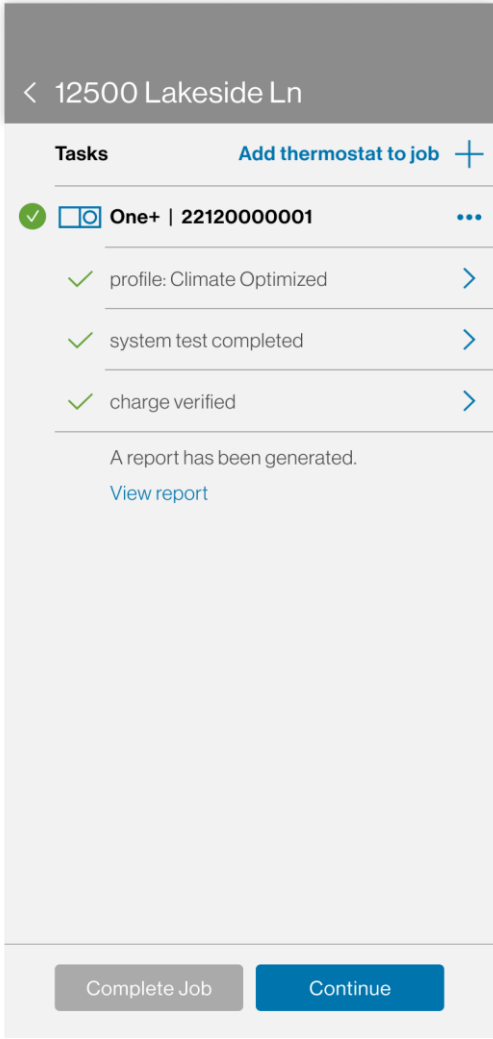
Run System Charge Verification

- Recommended charge to be added to meet required charge displayed.
- Once system stabilizes and is running at full speed, the calculated subcool will be displayed.
 - Allow up to 5 min delay between gauge reading and app. verification.
 - Stopping the verification will generate a report.



Complete Setup

- After all steps are complete, the user will be able to share a commissioning report before completing the job.
 - One can be sent to homeowner
 - One can be sent to contractor



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SkyportCare

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Dealer Navigation

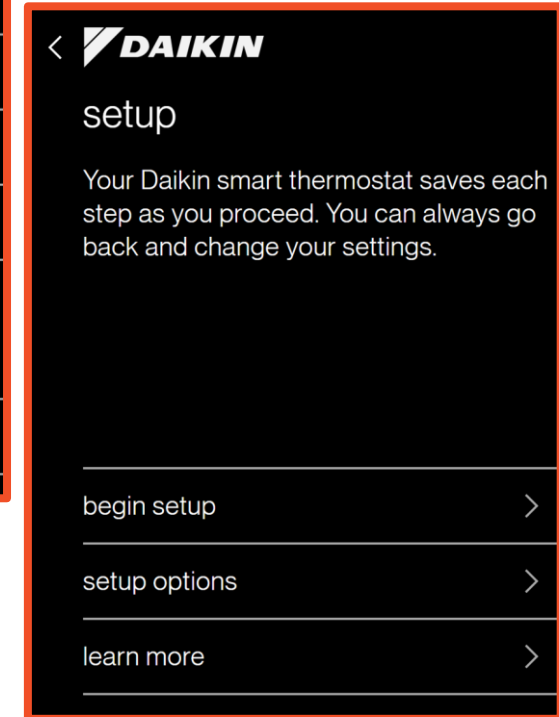
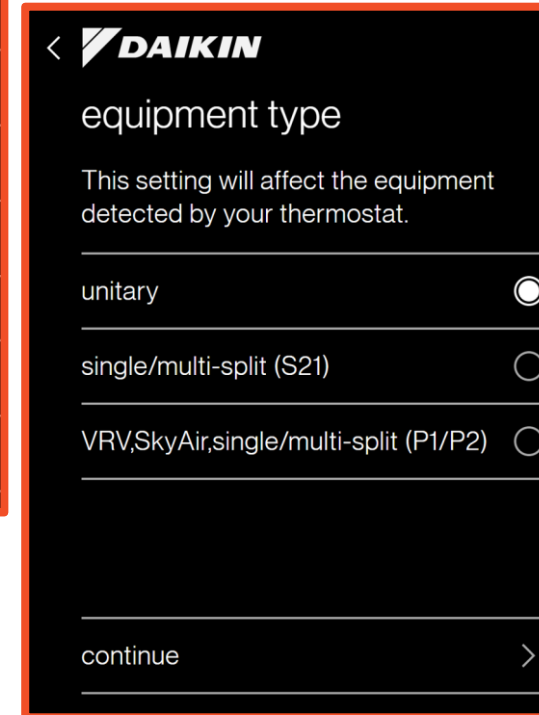
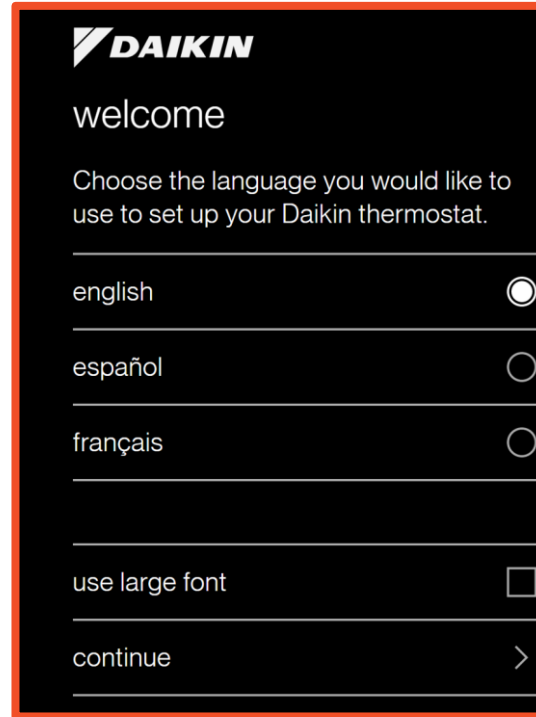
Homeowner Navigation

SkyportHome Mobile App

- Begin set-up walks installers through the entire commissioning process to ensure the system is configured properly and ready for the homeowner to use.
 - Enables random access to any setting.
 - Remembers settings as they are entered.
 - Individual may stop and restart as needed.
- The screens are populated based on the model numbers of the equipment, matched to a database of device configuration settings.



- The welcome screen displays preferences to choose from.
- Begin set-up starts commissioning process to configure the system.
- Select Unitary (default) before moving to the setup screen.
- Selecting setup options allows you to factory reset the thermostat.
- Version of the thermostat is displayed on the learn more screen.



Start-up

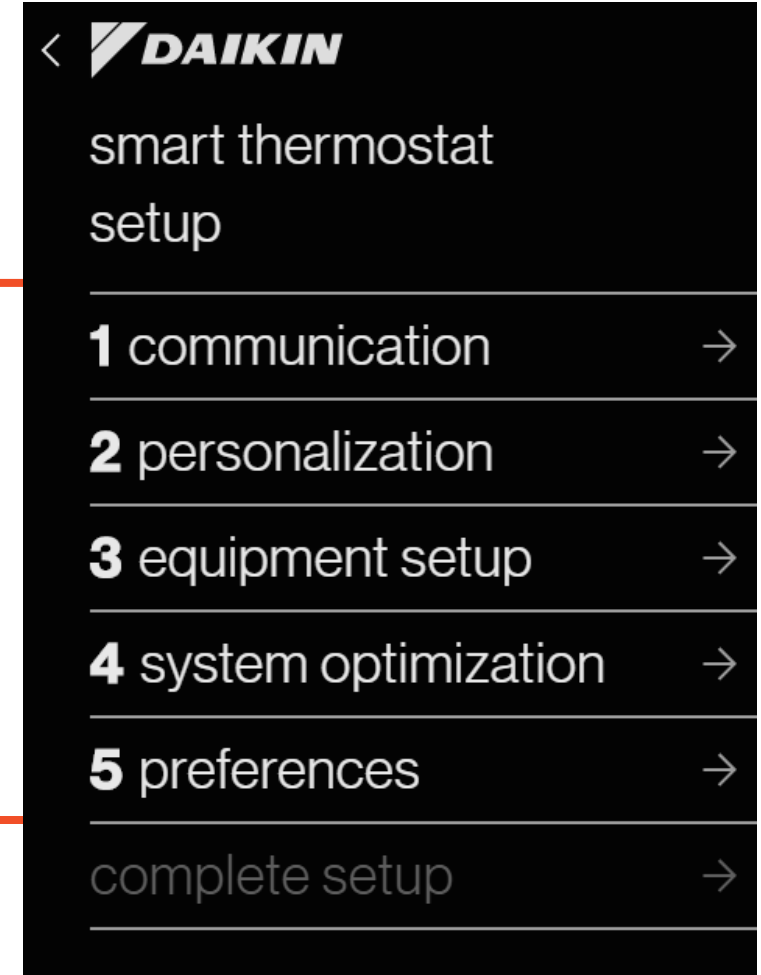
- Tapping begin set-up starts the five step set-up process:

- Communication.
- Personalization.
- Equipment Set-up.
- System Optimization.
- Preferences.

Note: All steps must be completed and reviewed before completing set-up to ensure the system is configured properly and ready for the homeowner to use.

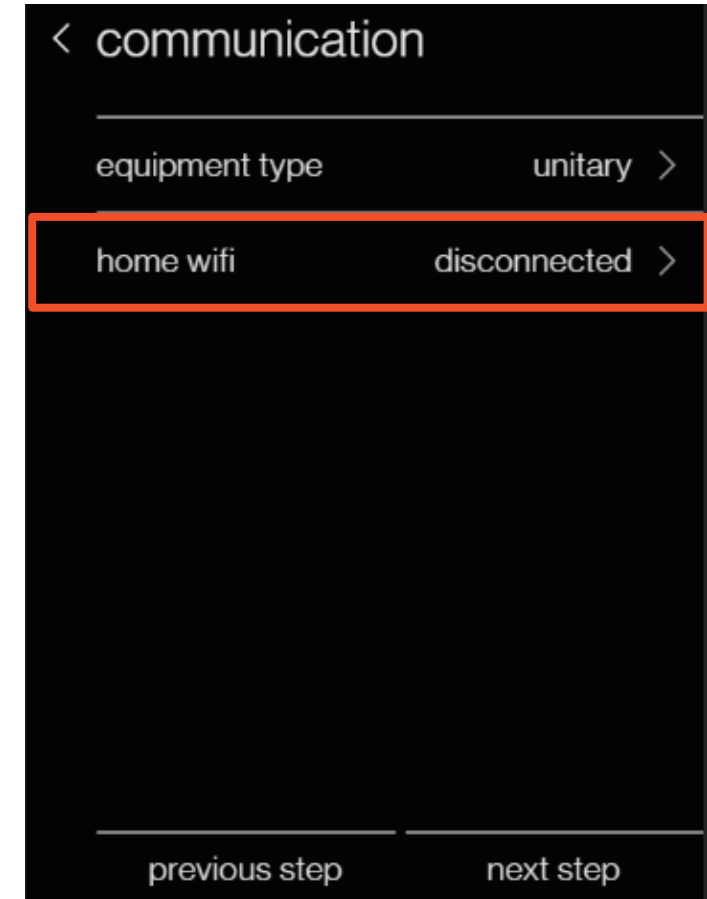
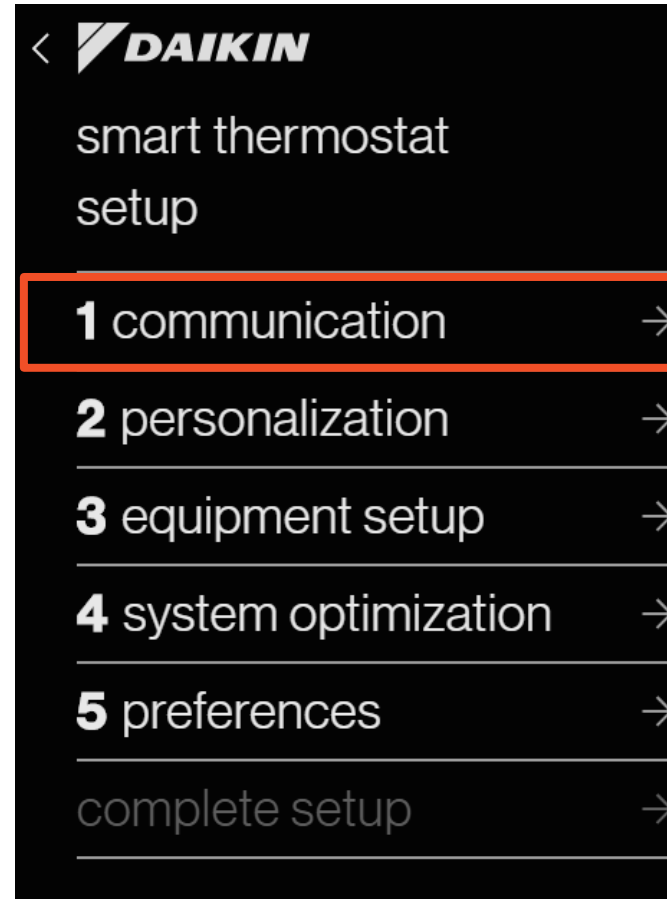
For detailed menu settings

daikincomfort.com



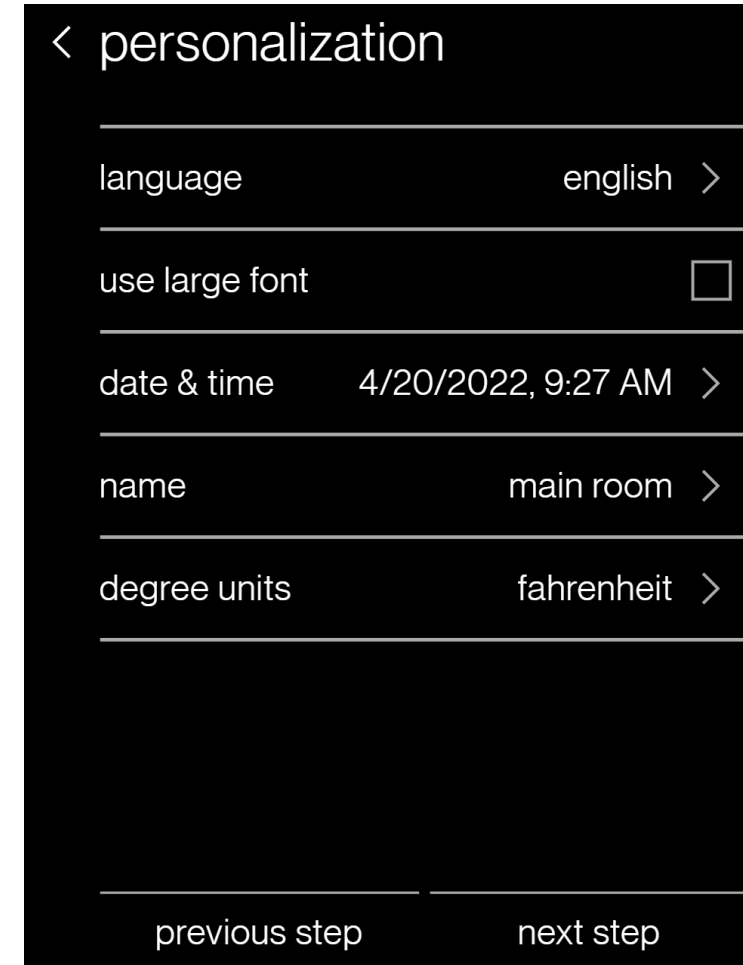
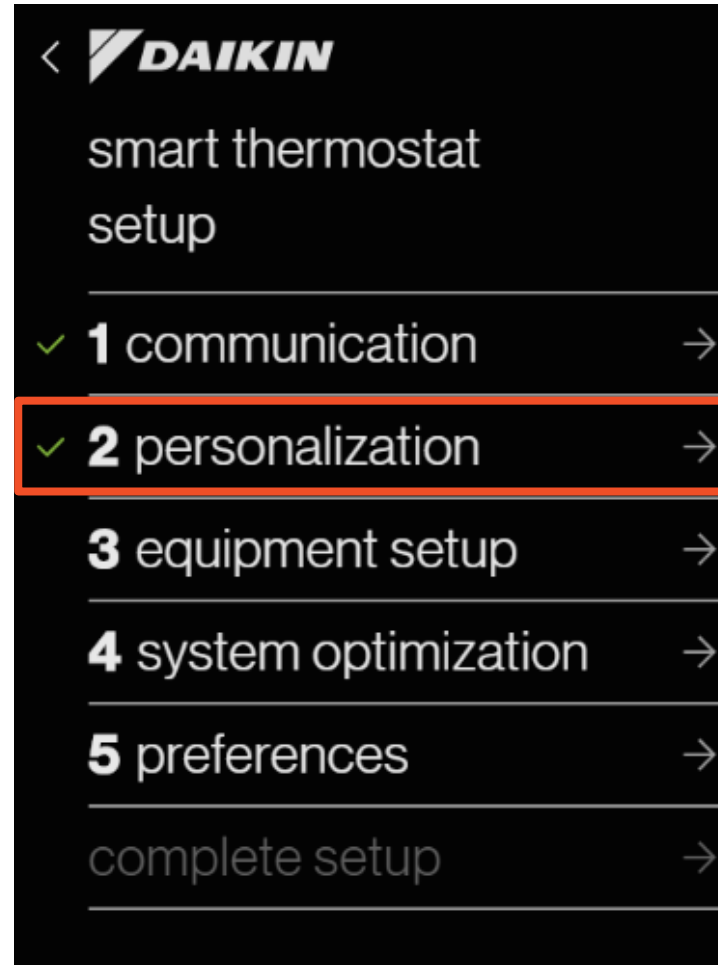
Step 1 - Communication

- Configures Communication Networks.
- Select home Wi-Fi to search for networks.
- With Wi-Fi configured, the system can check the software version and update software to the latest version automatically.
- Note:
 - Wireless router must be password protected.
 - Compatible with 5Ghz routers which supports 2.4Ghz
 - Equipment type displays the equipment selected on start up.



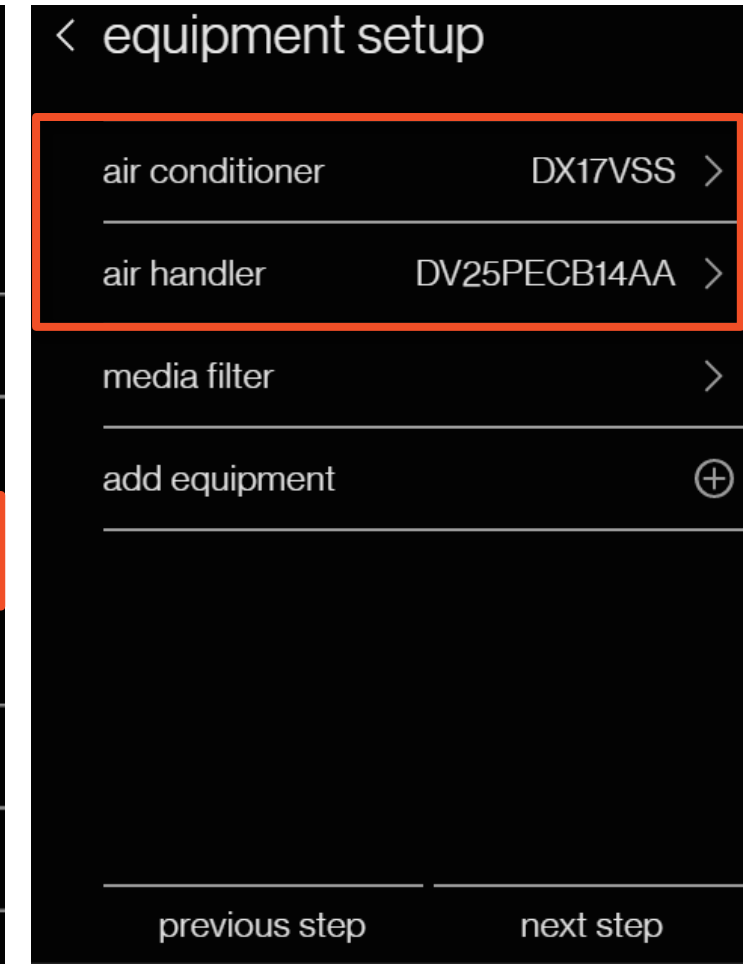
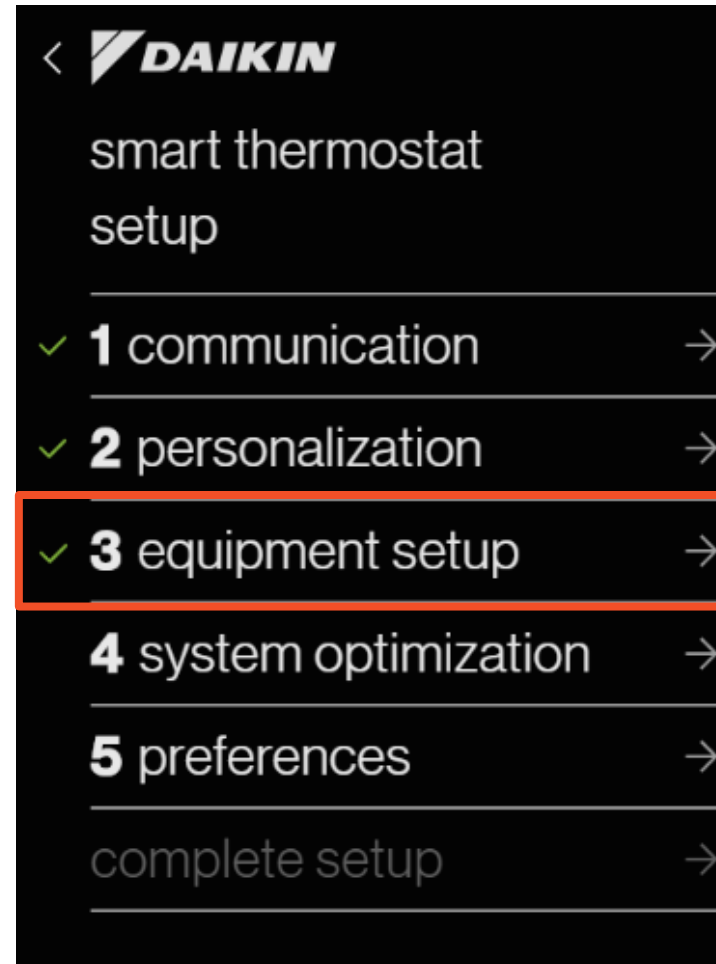
Step 2 - Personalization

- Tapping the personalization tab allows you to edit default information.
- Personalization displays:
 - Language.
 - Large font selection.
 - Date & Time.
 - If Wi-Fi is connected, date & time sets automatically.
 - Thermostat Name.
 - Degree Units.
- Note: A green check mark appears next to items reviewed from the set-up menu.



Step 3 - Equipment Set-up

- Displays equipment found by searching the communication network, or by adding/removing equipment and accessories from the preset list.
- The unit that is identified determines the list of configurations that will be displayed
 - View unit Specifications.
 - Configure
 - Cool settings
 - Heat Settings
 - Heat Pump Settings
 - Humidifier Relay
 - Aux alarm
 - Heater Kit



Added Equipment

- The Daikin One+ smart thermostat is compatible with multiple accessories.
 - Air quality sensor
 - Humidifier
 - Dehumidifier
 - You can install the humidifier and dehumidifier by using aux 1 or 2
 - Recommend using an isolation relay between auxiliary device and thermostat.
 - UV Bulb
 - Electronic Filter
 - HEPA filter
 - EWC Zone Board.

Humidifier



Air Quality Sensor



EWC Zone Board



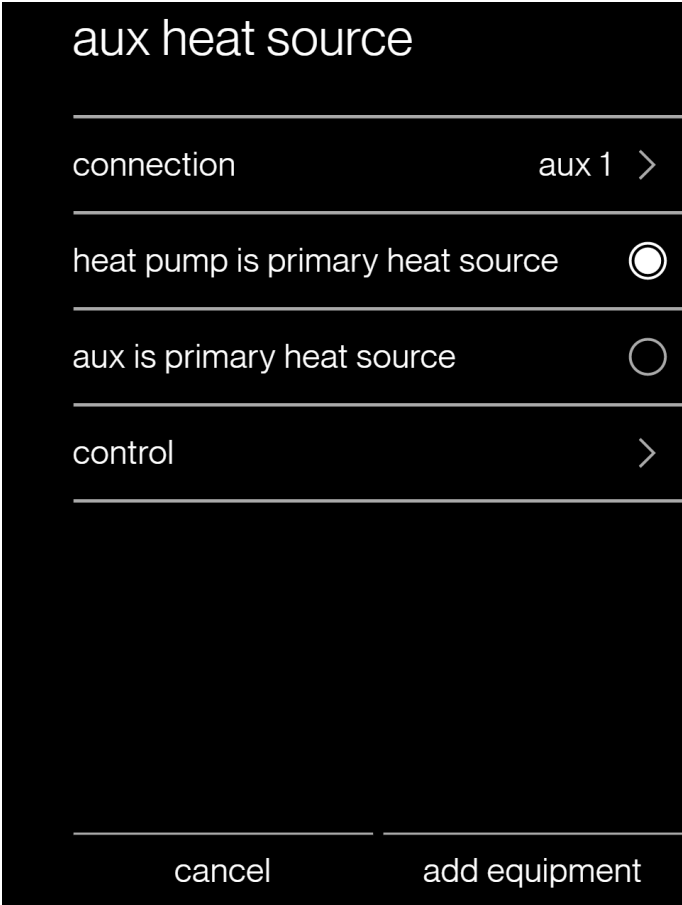
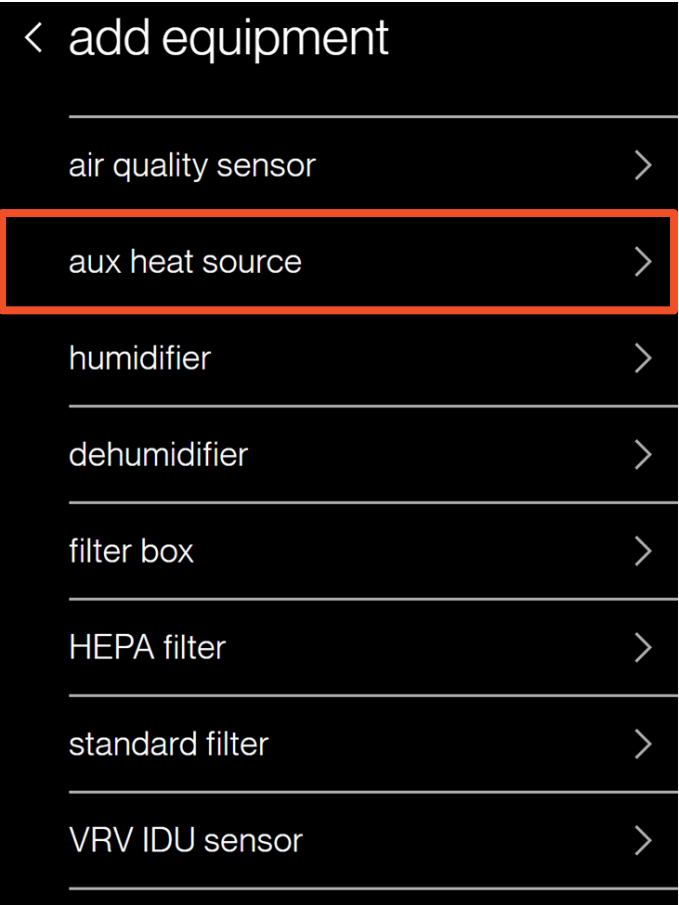
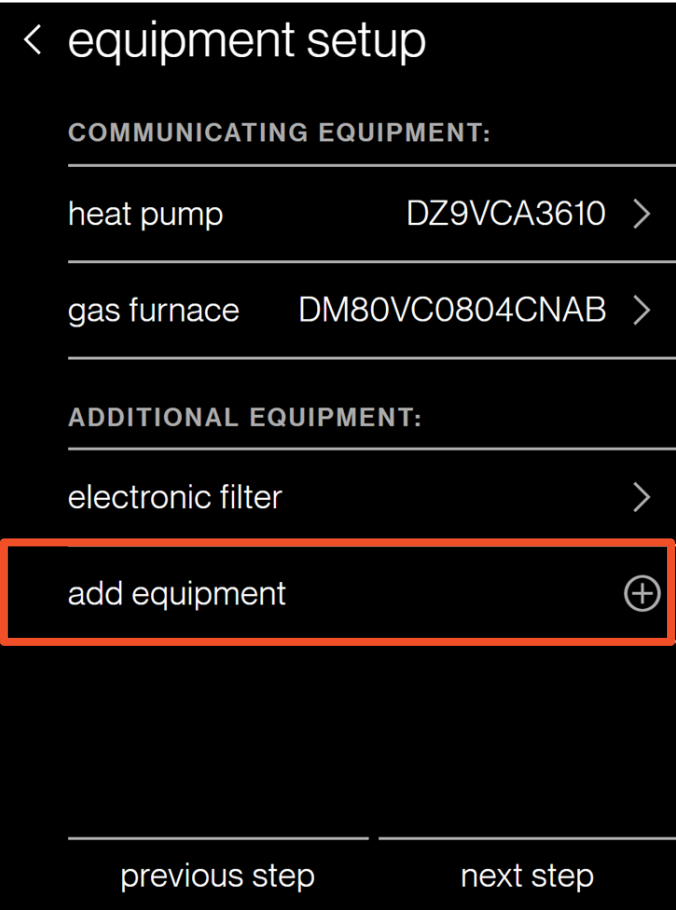
Dehumidifier



DAIKIN COMFORT TECHNOLOGIES NORTH AMERICA, INC.

Add Equipment – Auxiliary Heat

- Selecting add equipment will allow you to configure an auxiliary heat source.



***Aux heat source is the only option for an AC only outdoor unit.**

Secondary Heat Settings

- The control section will allow you to adjust settings such as lockouts and secondary heat activation temperature.

***Emergency Heat mode will appear as a system mode when connected to heat pump units and can be used to directly turn on the aux heat source if enabled.**

< control

heat pump lockout 15°F >

aux heat lockout 50°F >

use T on / T off ☐

indoor unit fan enabled ☒

fan speed high >

fan on delay 30 sec >

fan off delay 10 sec >

< aux heat lockout

enable aux heat lockout ☒

Locks out AUX heat above this temperature, unless HP not operational.

45

50 °F

55

Must be at least 10°F above heat pump lockout temp.

T on/T off Control

- T on and T off provide an alternative control method to have the main AC/heat pump control the aux heat source using its PI control algorithm.
- T on/T off is the only control option for AC- only outdoor units
 - If the indoor unit is a gas furnace, or is an air handler with a heater strip, these heat sources will be controlled around the heat setpoint by the demand-based algorithm.
 - The aux heat source will be controlled independently.

< control

heat pump lockout 15°F >

aux heat lockout disabled >

use T on / T off ☒

T on / T off -3°F / 1°F >

indoor unit fan enabled ☐

< T on / T off

These temperature differentials from the heat setpoint control when aux heater will turn on and off.

Turn on temperature differential:

-4

-3 °F

Turn off temperature differential:

0

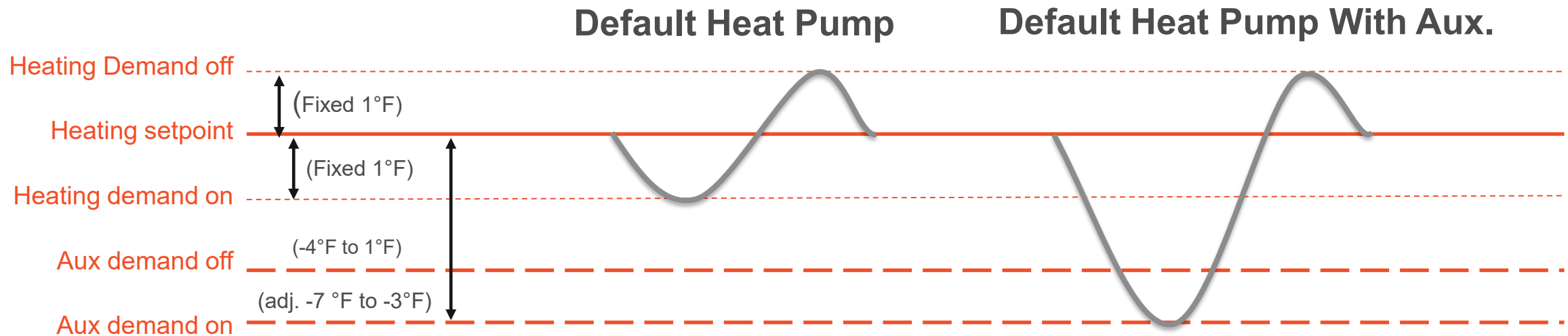
1 °F

Turn off temp must be at least 3°F above

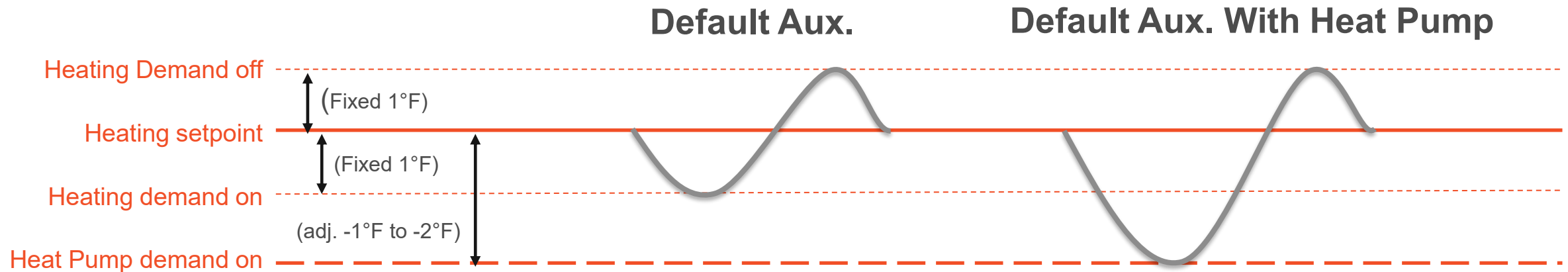
- When heat pump is the primary heat source:
 - Heat pump lockout temperatures are adjustable from -20°F to 65°F in 5°F increments. (default 15°F)
 - Auxiliary heat lockout temperatures are adjustable from -10°F to 75°F in 5°F increments. (default 50°F)

Auxiliary heat demand:

- T on differential is adjustable from -7°F to -3°F in 1°F increments (default -3°F)
- T off differential is adjustable from -4°F to 1°F in 1°F increments (default 1°F)



- When auxiliary heat is the primary heat source:
 - Heat pump lockout temperatures are adjustable from -20°F to 65°F in 5°F increments. (default 15°F)
 - Setpoint differential can be set at -9°F, -7°F, -4°F, and -2°F (default -2°F)
 - Heat pump demand:
 - T on differential can be set at -1°F or -2°F (default -1°F)
 - T off differential 1°F fixed

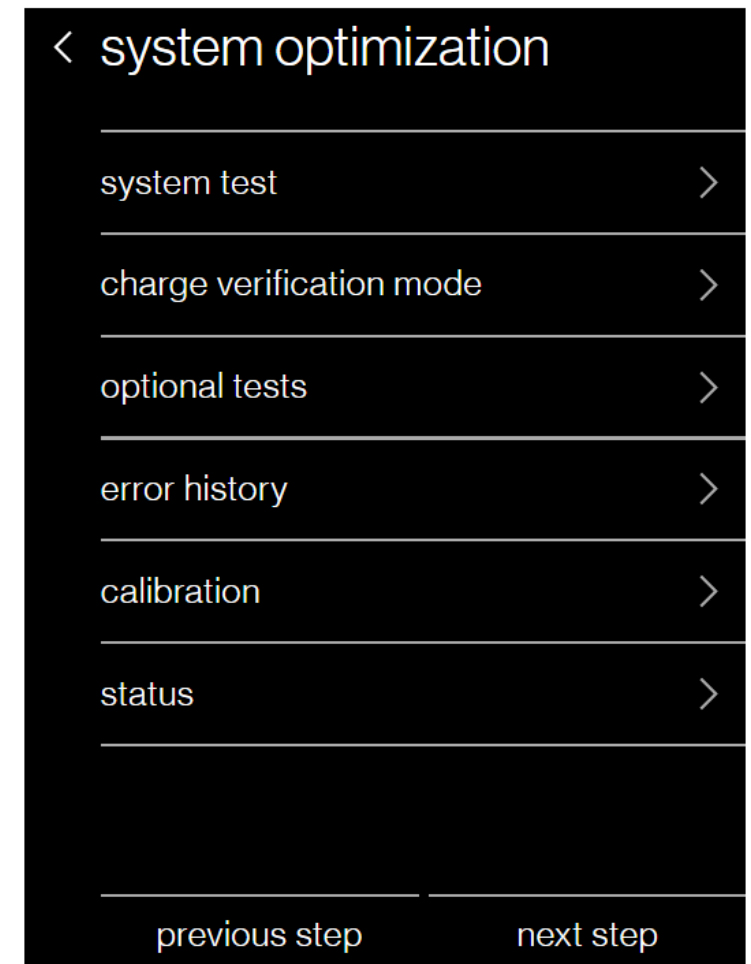
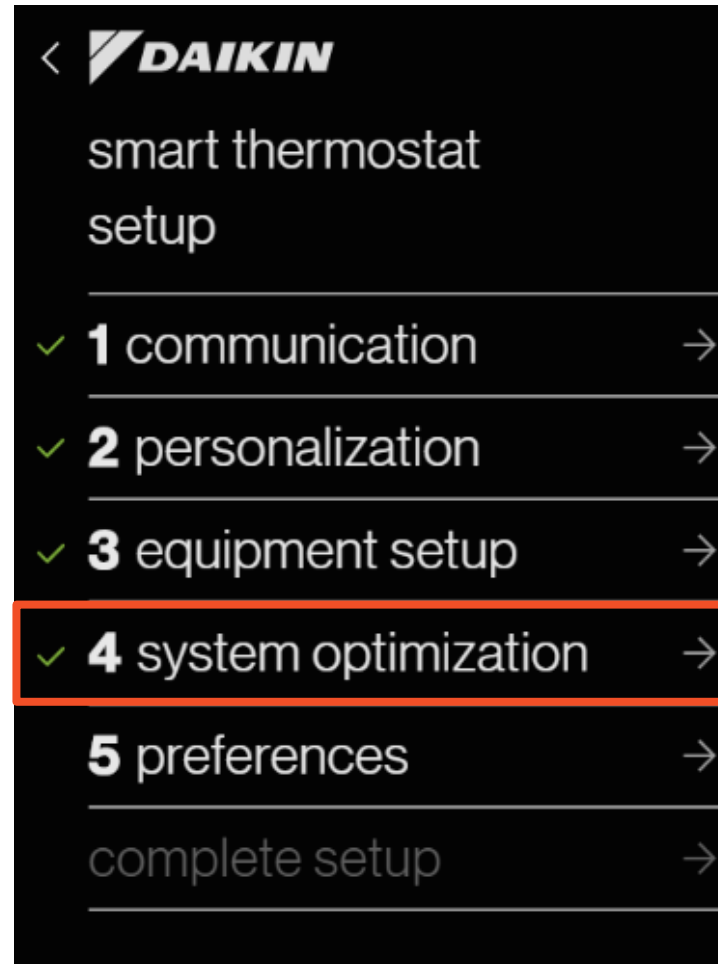


Step 4 – System Optimization

- System optimization displays:
 - System test.
 - Inverters only.**
 - Charge verification mode.
 - Inverters only.**
 - Optional test.
 - Error history.
 - Logs alerts with an error code.
 - White = not critical**
 - Yellow = critical**
 - Calibrate the thermostat for temperature and humidity
 - For more information on this process scan QR code

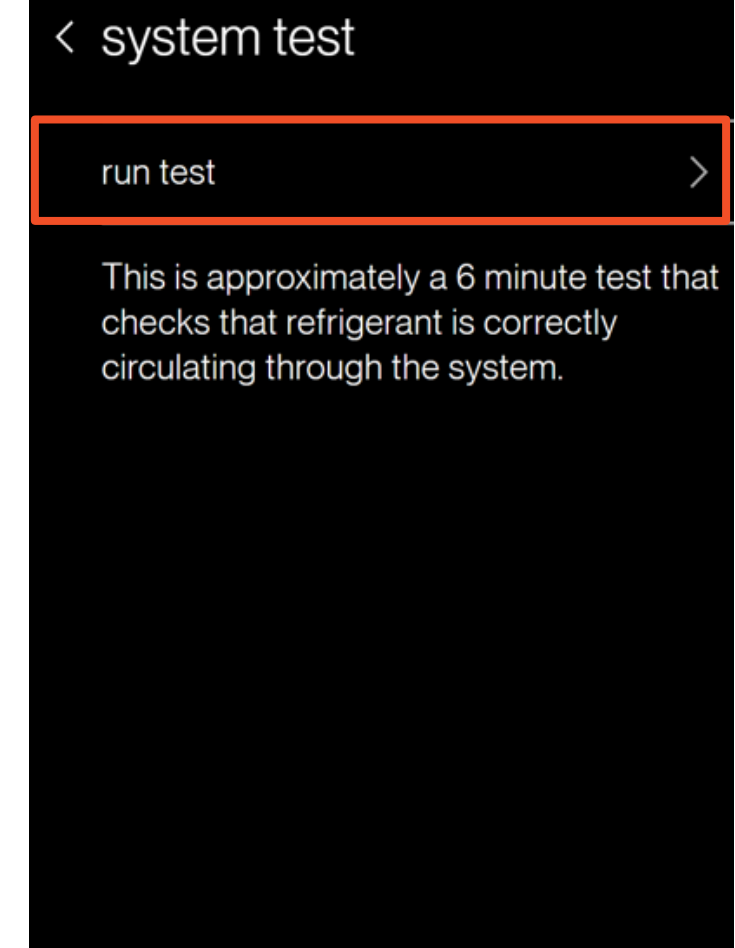
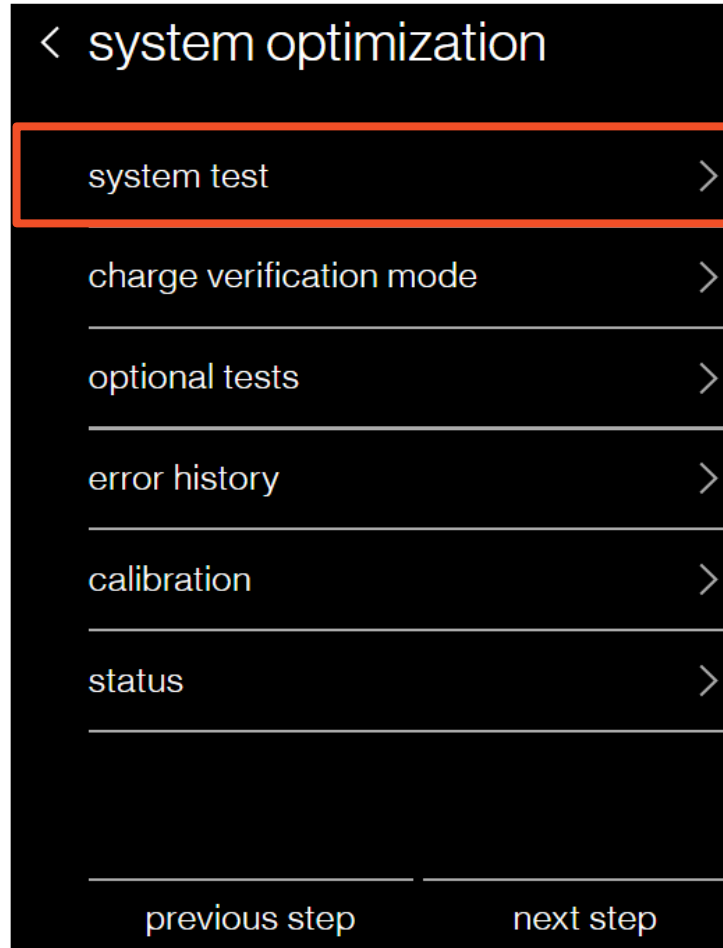


- Status.
 - Allows you to see current system run data



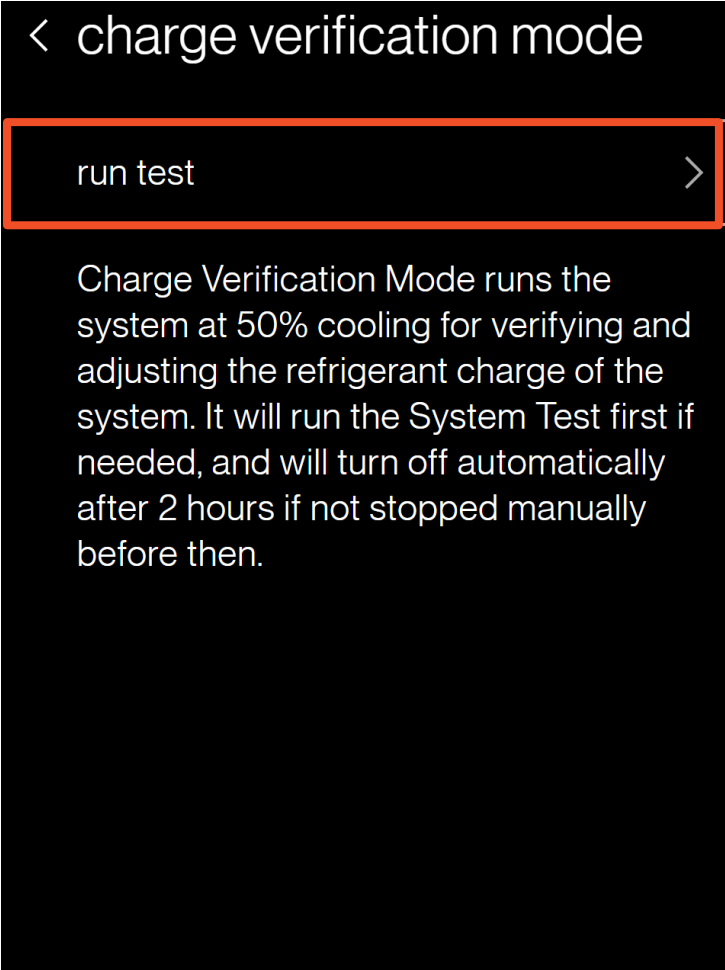
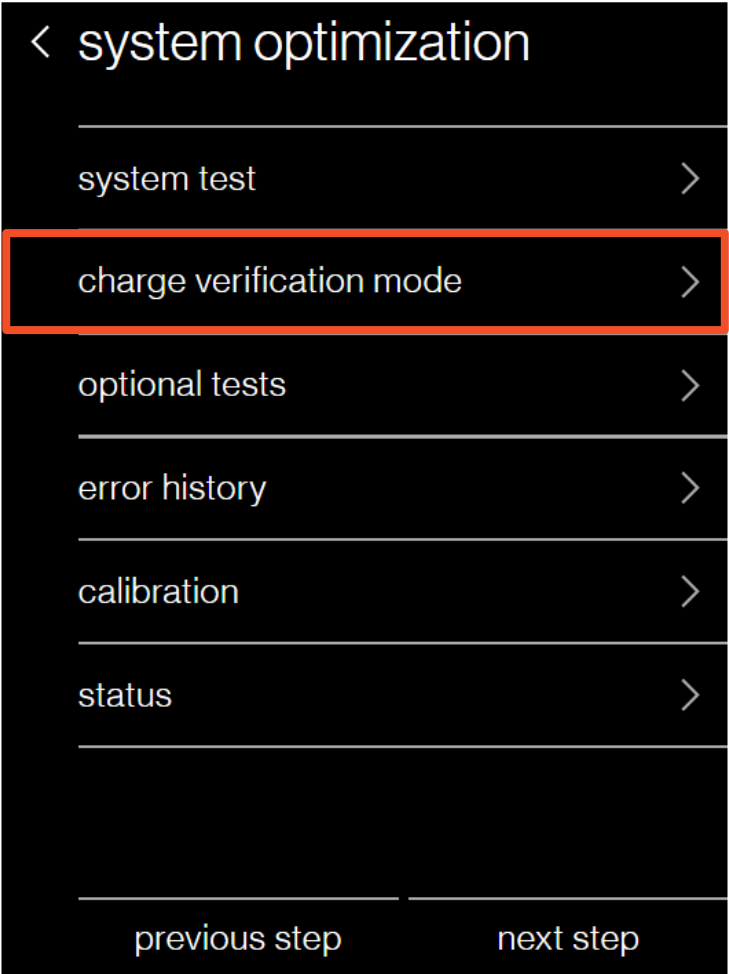
System Test

- The system test should be run for the **inverter units** before proceeding to complete set-up.
- To proceed through the set-up process, the system test needs to be completed without any errors.
- When the tests are completed, the run test screen is displayed.
 - System test is complete only when display code E11 notice clears from the seven segment LED display on the heat pump or air conditioner.



Charge Verification Mode

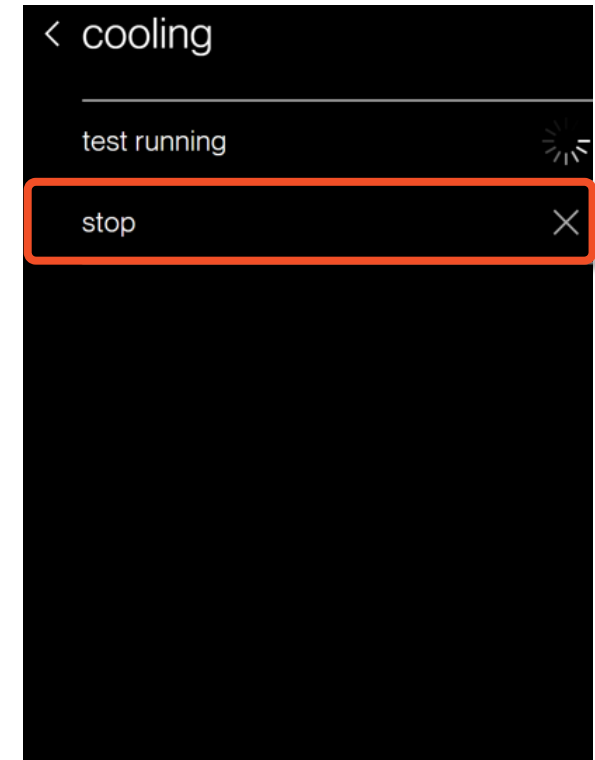
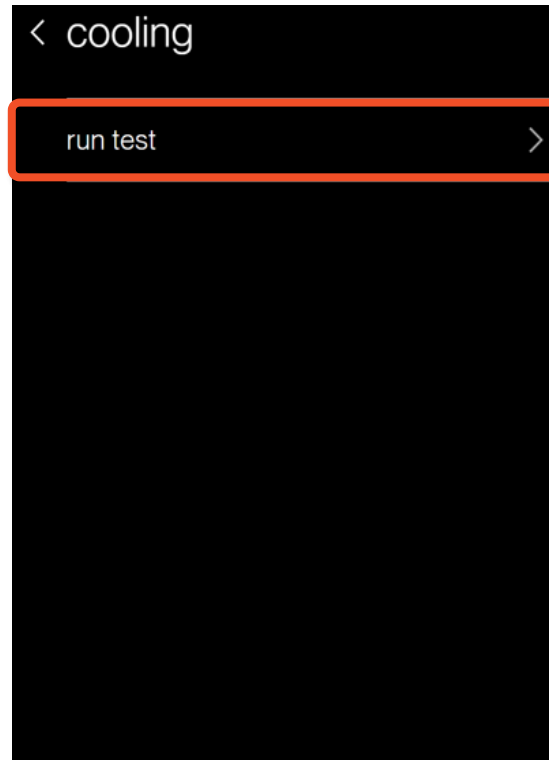
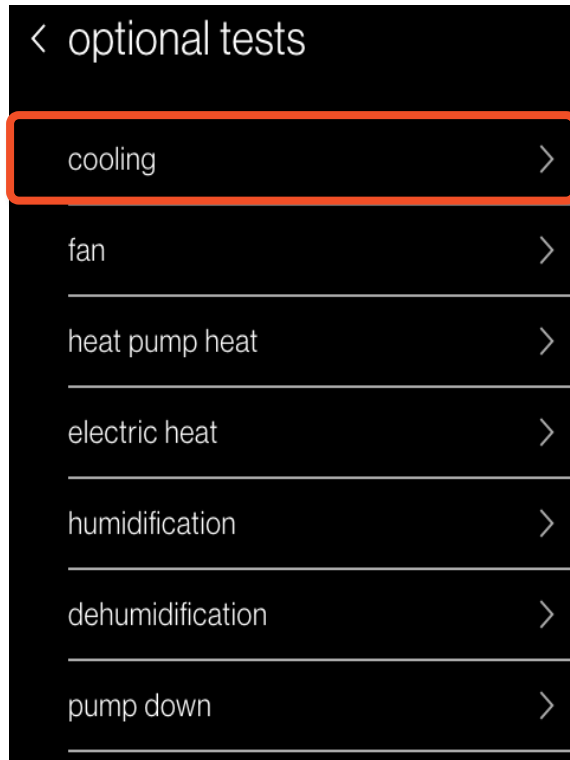
- Selecting charge verification mode allows for a steady system operation for approximately 1-2 hours to allow for refrigerant charging of the system via the suction charge port.
- The system will stop when the “stop test” button is pressed or once the test is complete
- Note: For proper charging of a system, please see equipment installation manual.



Optional Tests

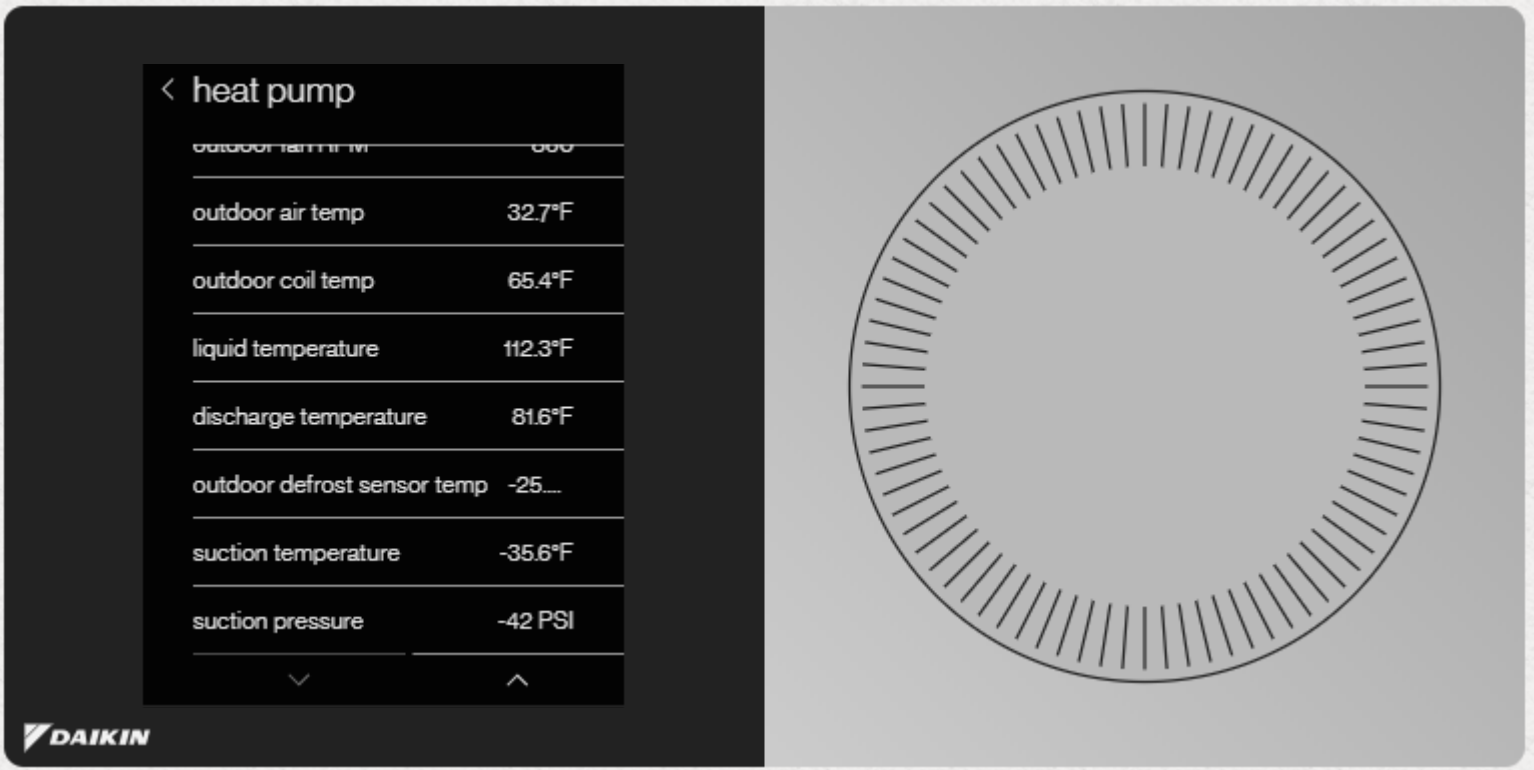
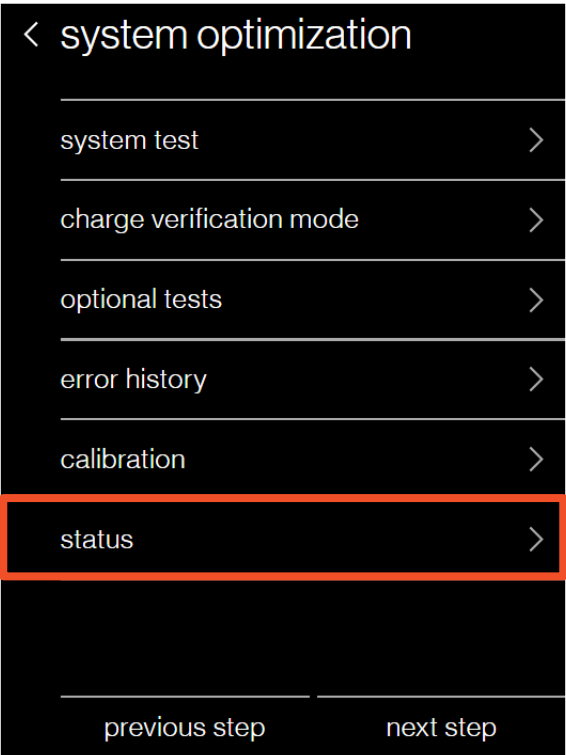
- Optional tests display a stop test button while test is running.

Note: Thermostat will only display tests that the system can perform.



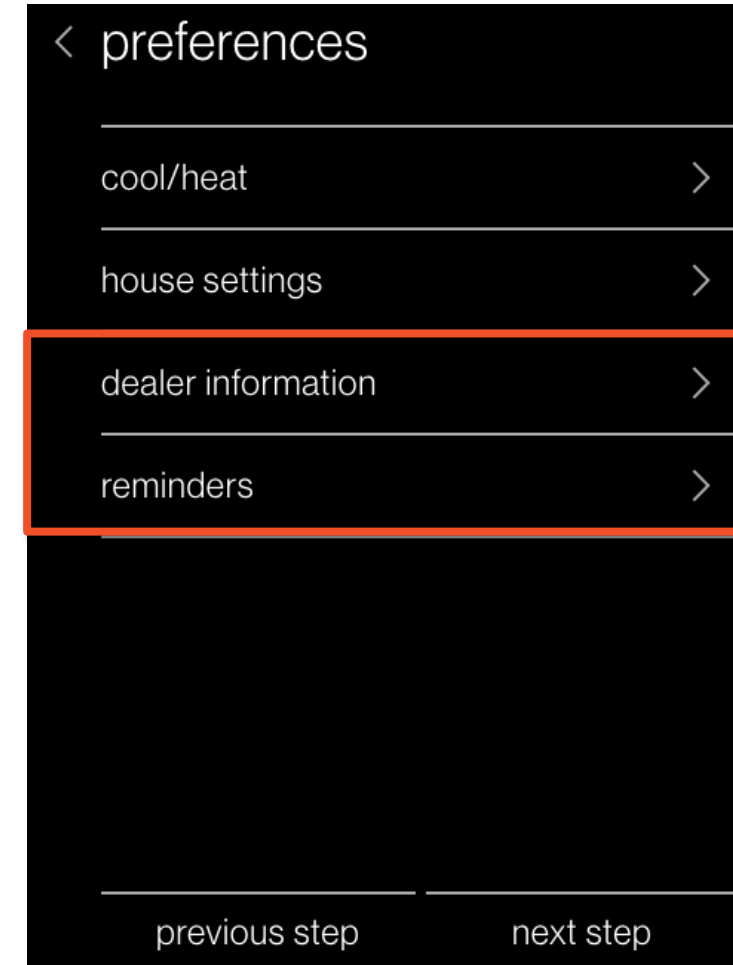
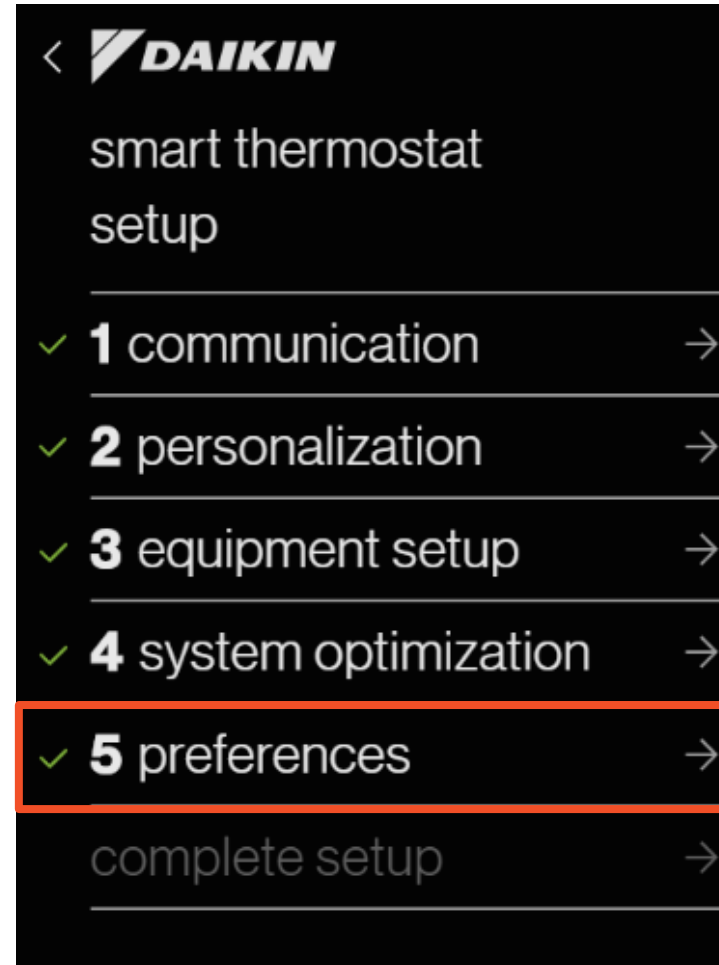
Status

- The status menu displays data pertaining to the selected equipment.
- The scrollable list can be accessed any time by returning to the installer set-up screen.



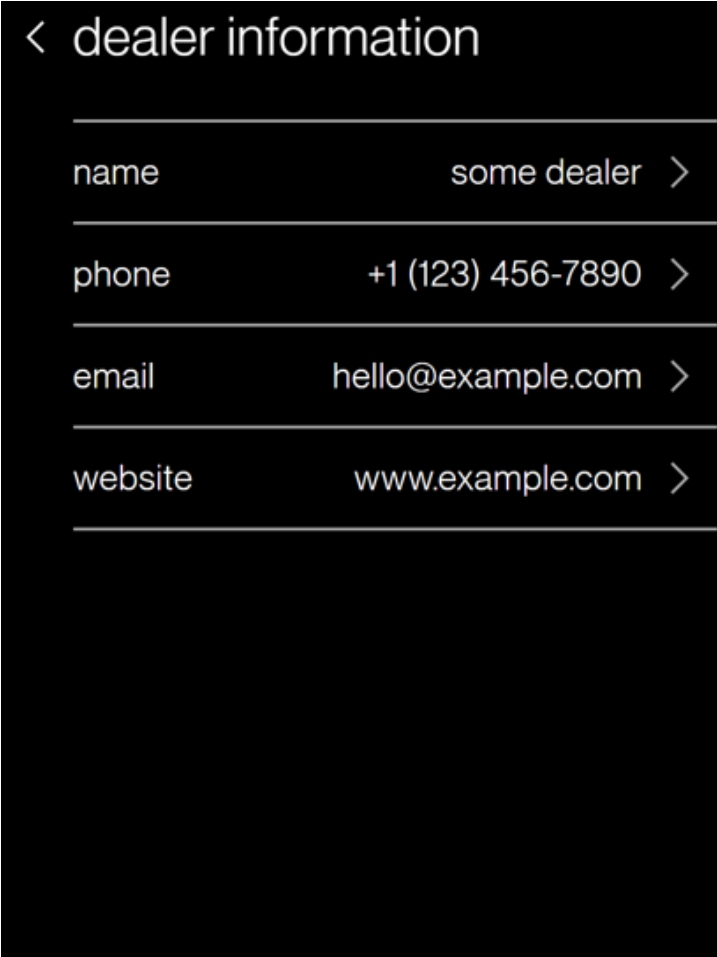
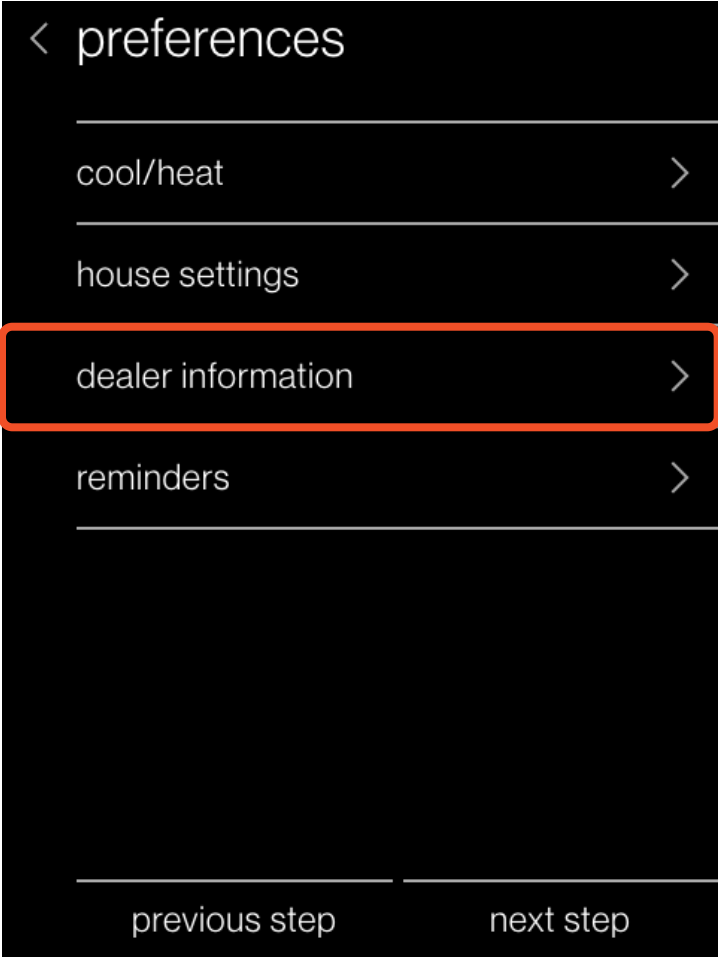
Step 5 - Preferences

- There are four preference settings to choose from in order to optimize your systems performance.
 - Cool/Heat
 - House settings
 - Dealer information
 - Reminders
- **Note:** Changing preferences is not required, but reminders and dealer contact information should be inputted.



Dealer information

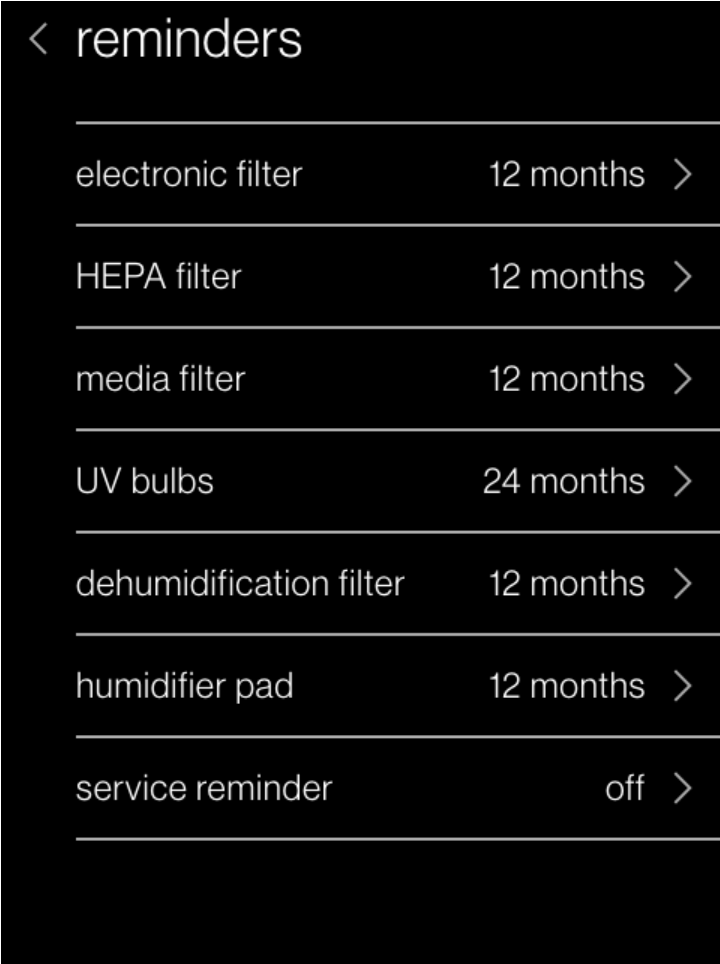
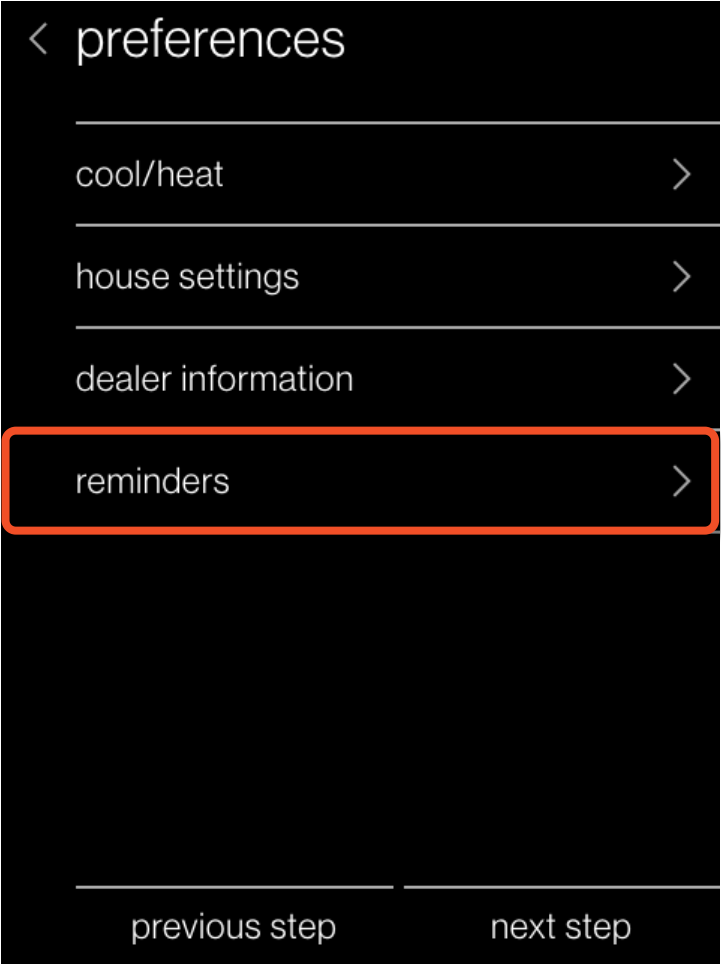
- Selecting allows you to enter and review the dealer's information.
- This information will be displayed to the homeowner on the thermostat home screen if an error with the system develops.





Reminders

- The number of reminders are based on the installed equipment with accessories.
- Once the equipment has been added, a 1 to 24-month service reminder can be selected depending on the installed equipment.



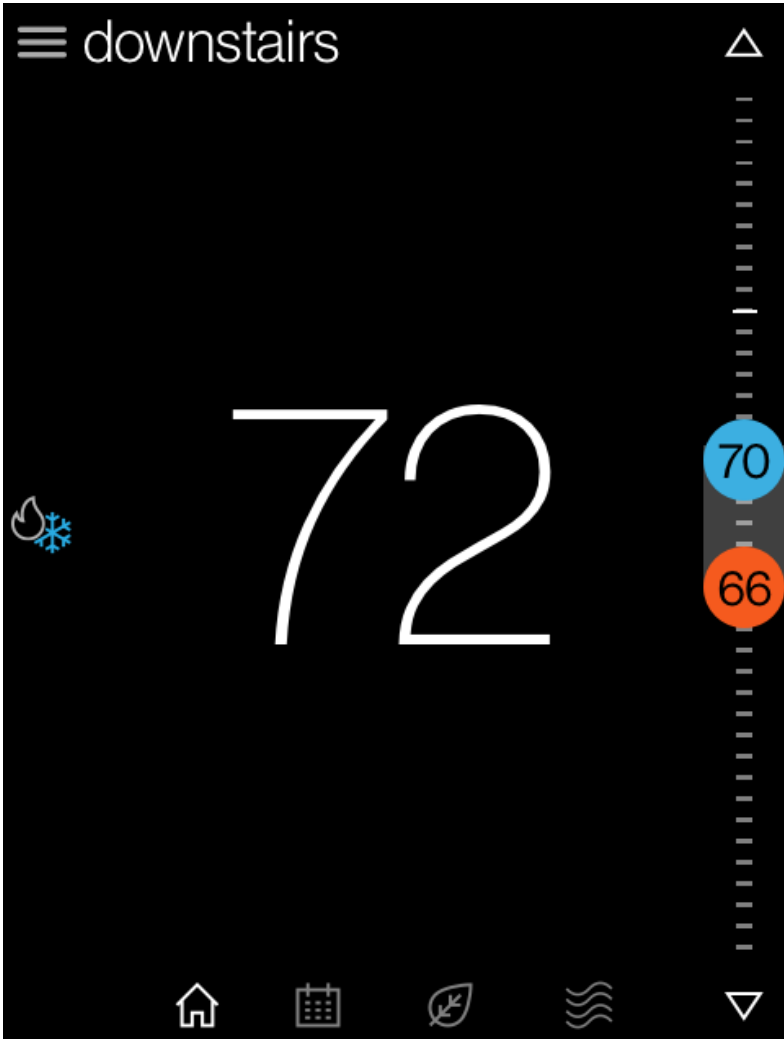
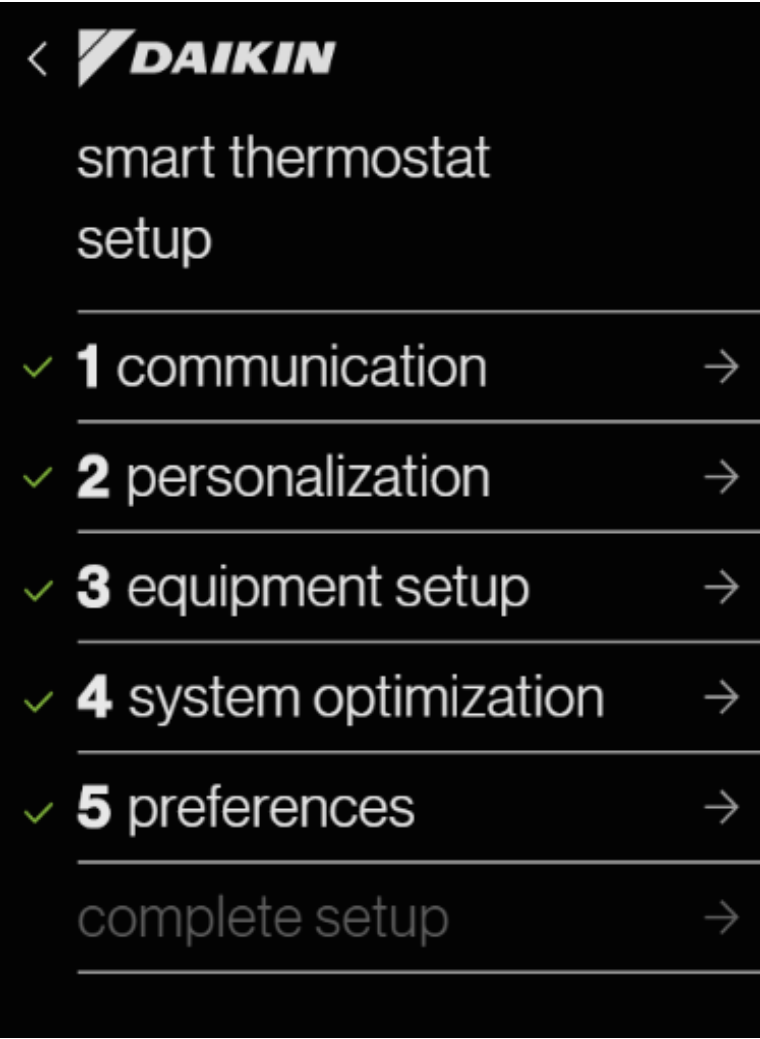
Full Set-up

Final step - Complete set-up

Selecting complete set-up will conclude the full set-up of the thermostat and display normal mode for you to navigate and verify settings.

The checkmarks displayed besides each step let you know what steps have been completed.

Reminder: All steps must be reviewed before completing full set-up.



Agenda

Daikin *One+*

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Installing Daikin *One+*

SkyportCare

Commissioning

Dealer Navigation

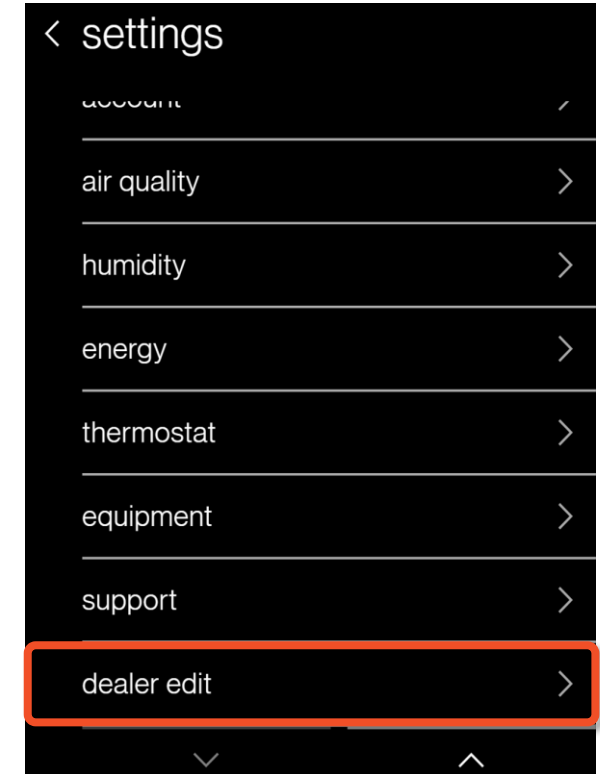
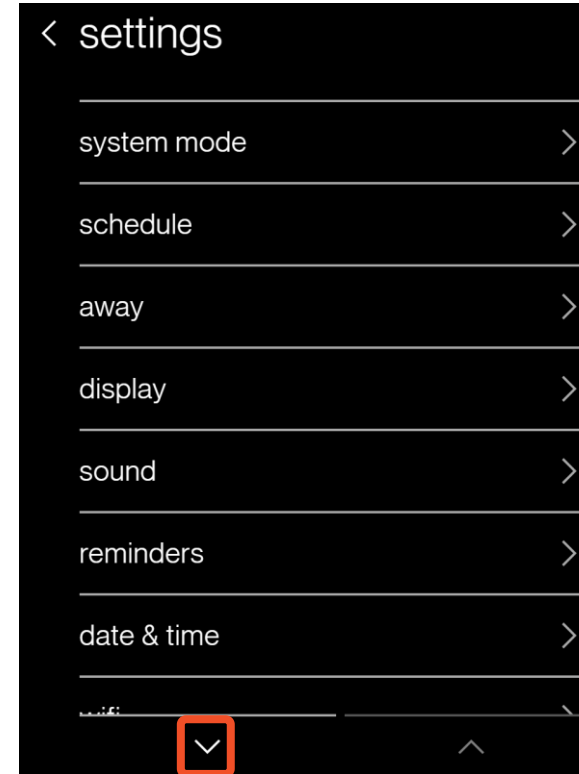
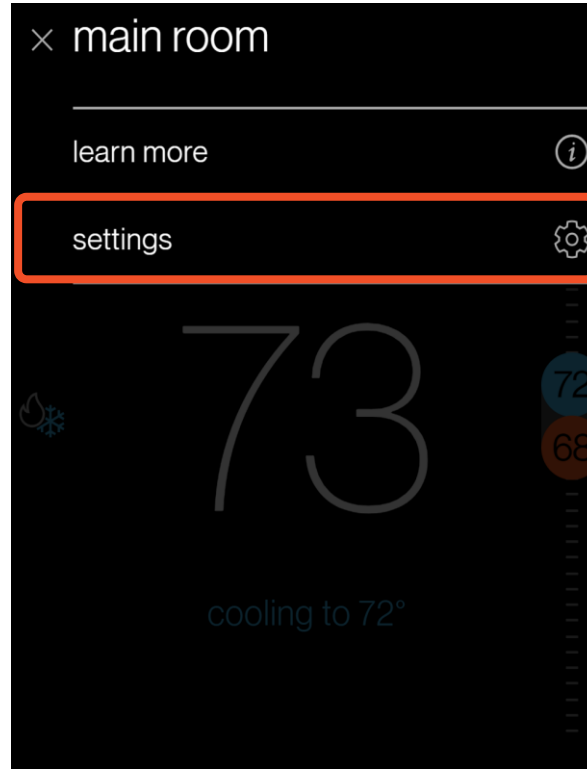
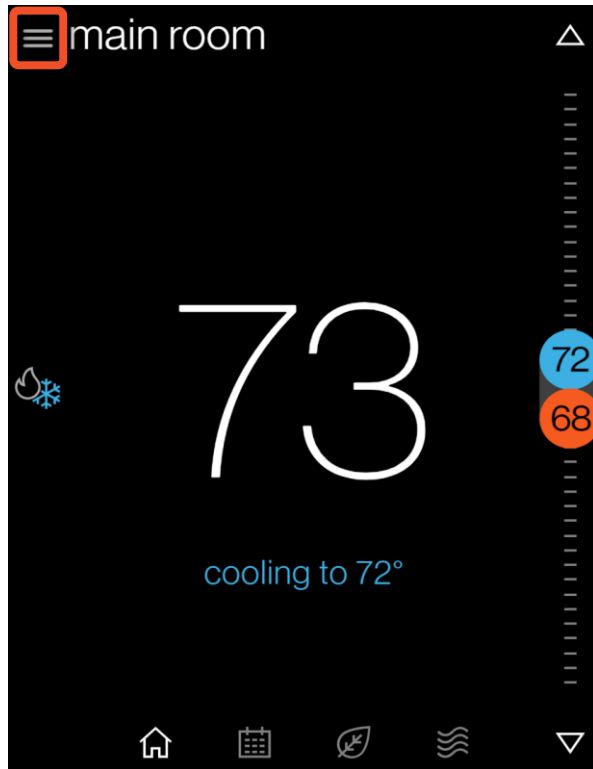
Homeowner Navigation

SkyportHome Mobile App

Dealer Navigation

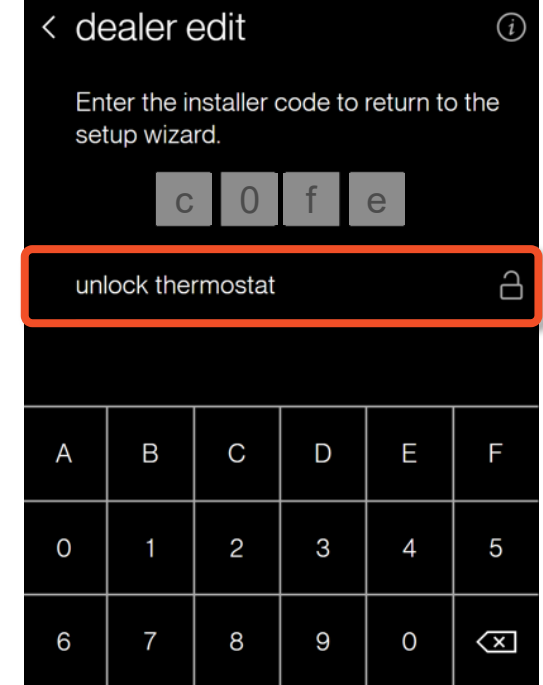
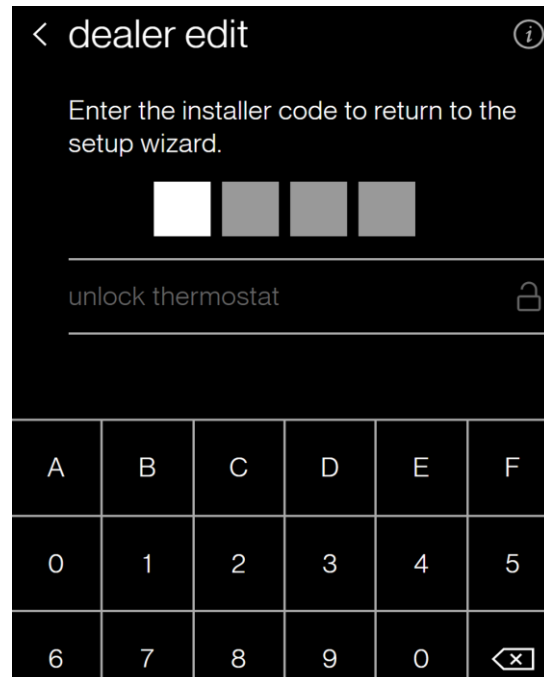
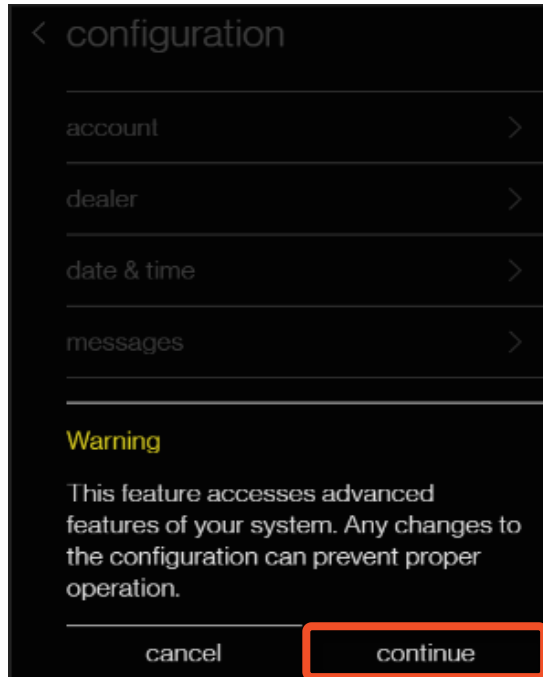
Dealer edit

- Navigating to dealer edit will allow you to access or revisit the installer set-up screen.
- Advanced adjustments to the Daikin One+ will be made here.



Dealer Navigation

- Acknowledging the “continue” prompt enables you to access the dealer edit screen.
- Press the information icon in the top right corner. It will display the installer code. Get the code and close the screen by pressing the “X”.
- Insert code into the dealer edit screen and press the unlock thermostat button.



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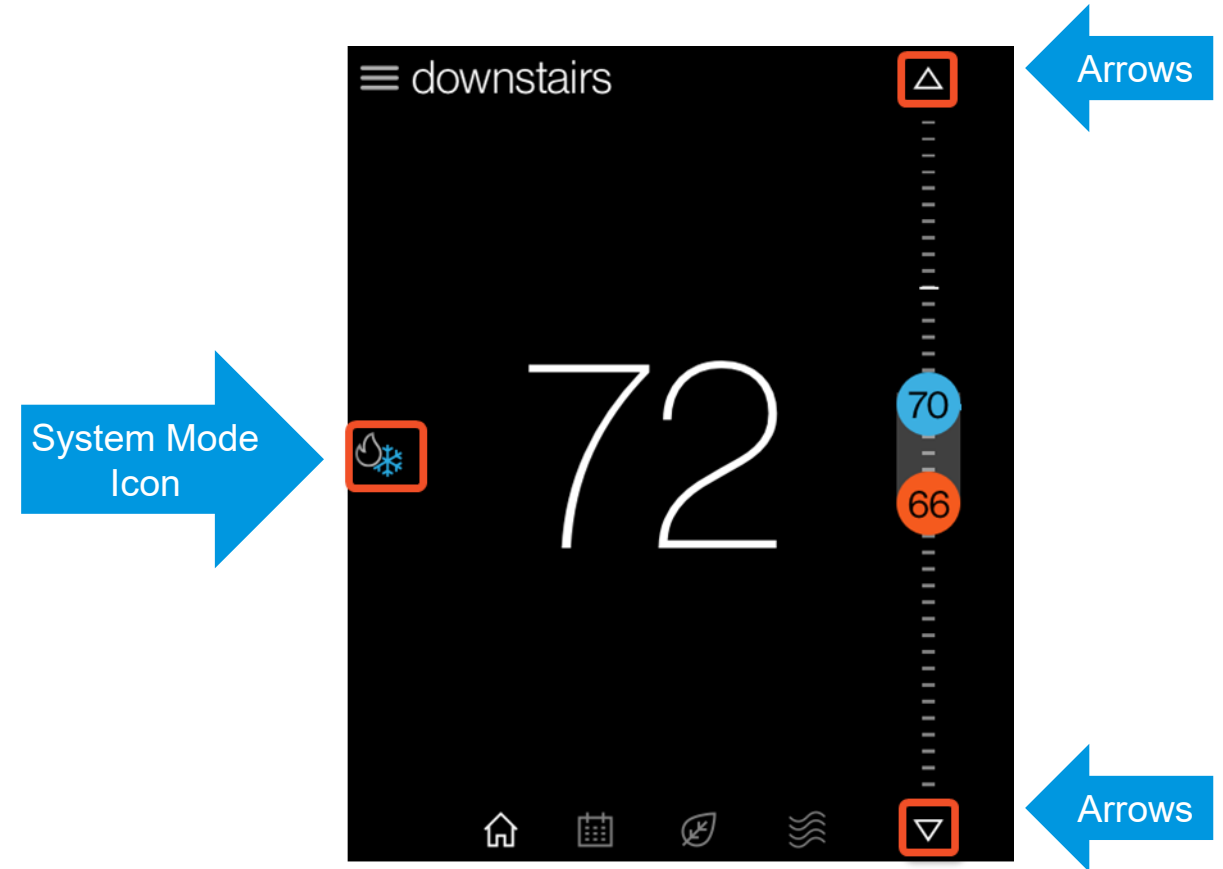
Normal Mode

- Normal mode allows you to view messaging, temperature, and access settings to adjust parameters placed by the installer.
- Navigating is accomplished by tapping icons or turning the analog dial.
- **Note:** Analog turn dial is used to adjust **temperature only**. Pressing the dial returns to the home screen.



Adjust control

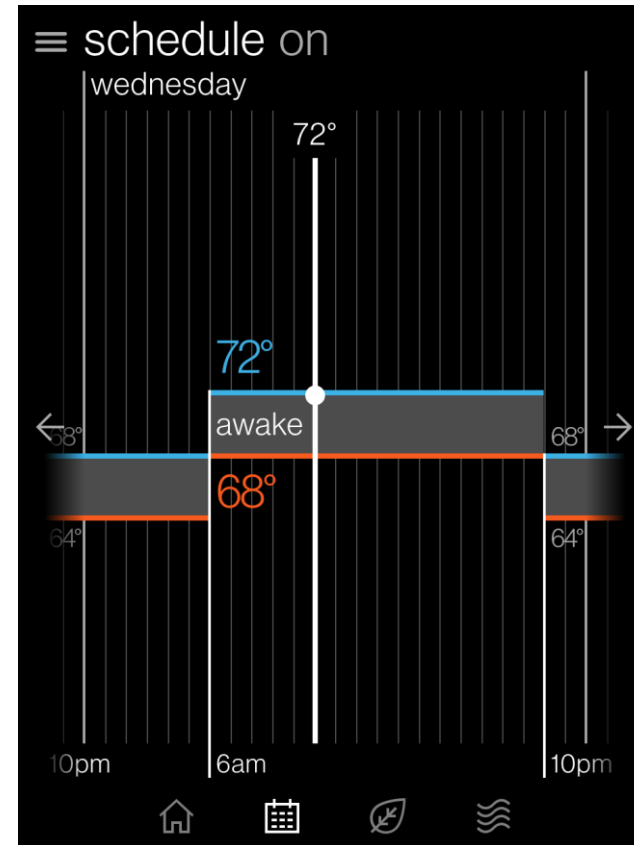
- Tapping the system mode icon allows you to select:
 - Auto. (cool & heat)
 - Cool.
 - Heat.
 - Off.
 - Emergency heat. (heat pump only)
- Tapping the arrow icons or rotating the dial will adjust setpoints that are displayed. You can also slide the setpoints to the desired temperature.



Schedule

- The schedule is presented as **7** days, displaying one day at a time, with **24** hours fitting on the screen.
- You can use the drop-down menu or swipe to enable schedule editing.
- Copy and paste is a feature that makes scheduling seamless.

Note: Unlike other screens, scheduling requires saving edits before exiting the mode.



tuesday

awake
6:00 am 68°/72°

sleep
10:00 pm 64°/68°

copy day

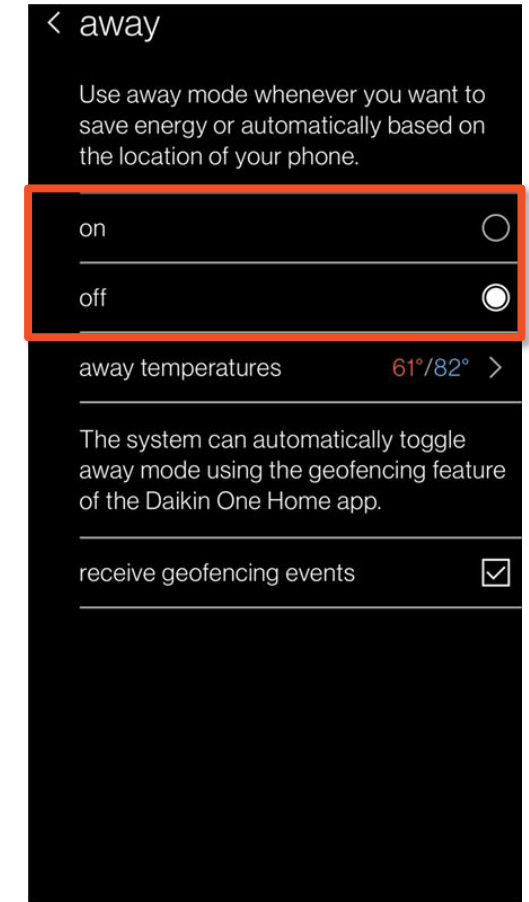
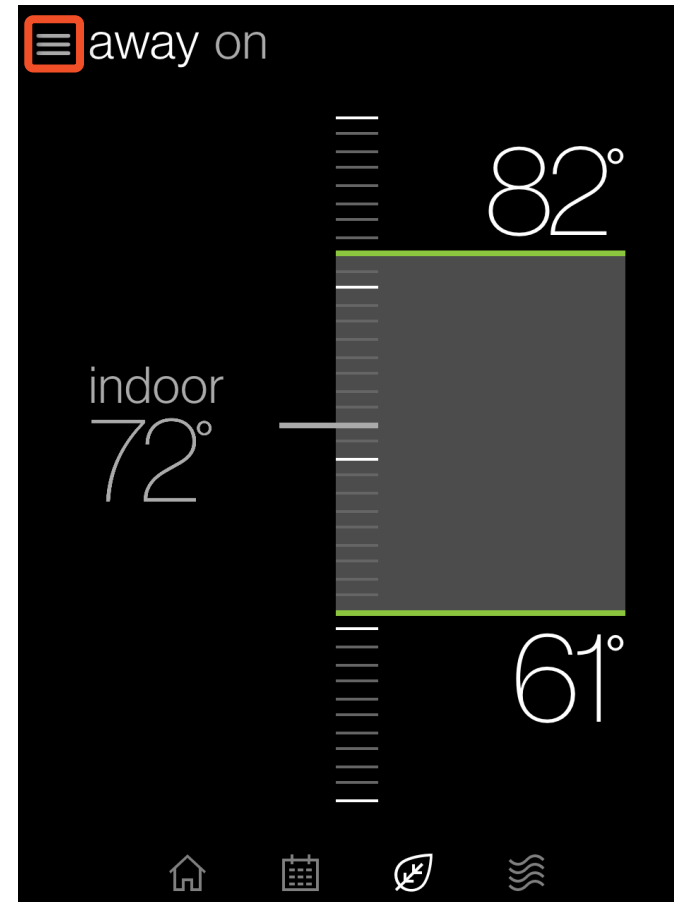
to:

s m t w t f s

cancel paste

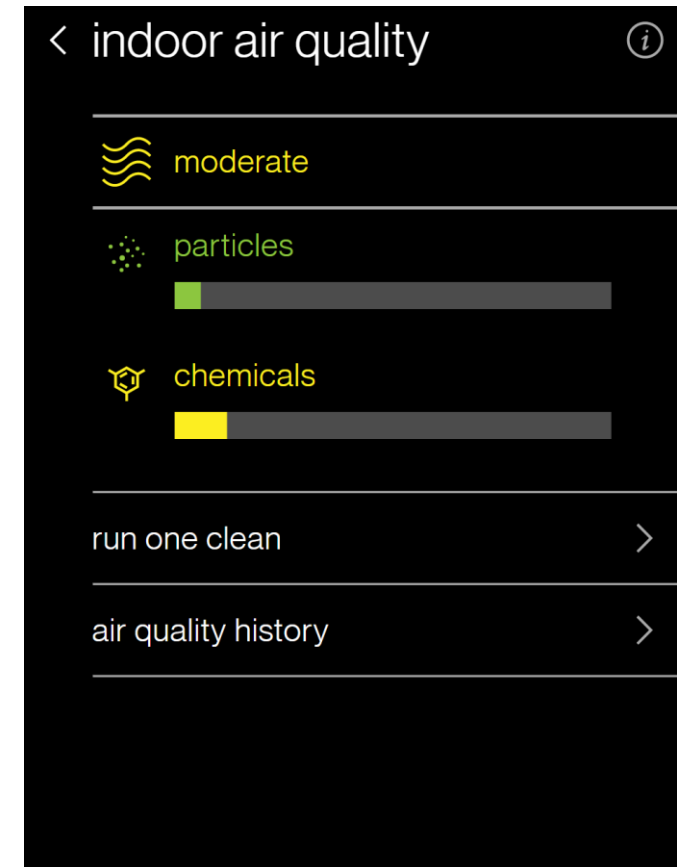
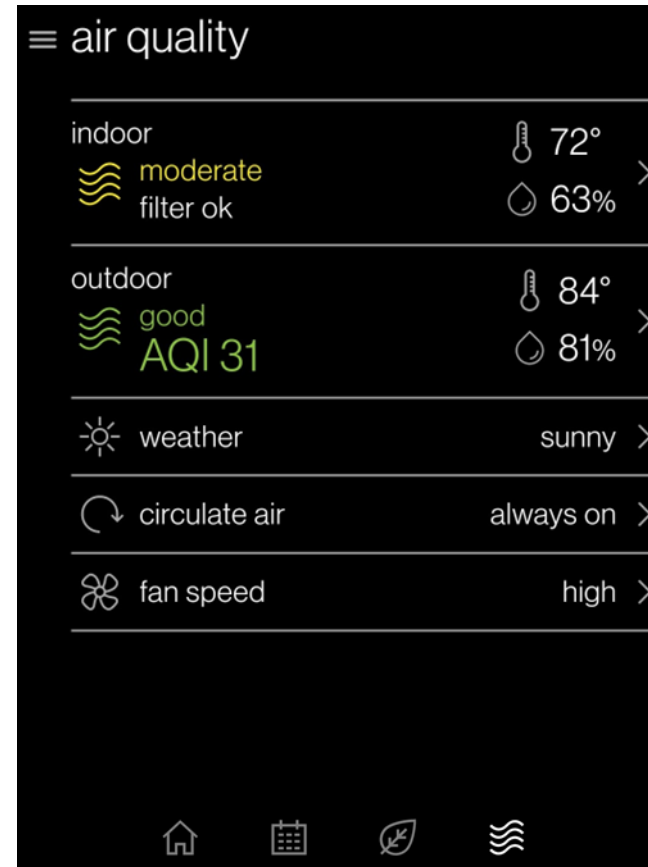
Away

- The away screen displays the current state (on/off) and the away cooling/heating setpoints used when away is on.
 - on/off is selected from drop down menu.
- User can change the values of the setpoints by dragging the numbers or the comfort range up and down.
- With the mobile application, enabling geo-fencing will automatically switch to away mode when **outside** the radius.
 - Settings must be configured in the mobile application.



Air quality

- The air quality screen displays **indoor air** quality levels, **outdoor air** quality, and **weather** (when connected to the internet and paired with the app.)
- If air quality sensors **are not** installed, indoor air quality is based on filter life cycle and humidity values.
- Selecting indoor air quality from the air quality screen allows you to access **one clean and air quality history**.
 - **One clean** runs the fan, at high speed for three hours, to circulate and filter the indoor air.

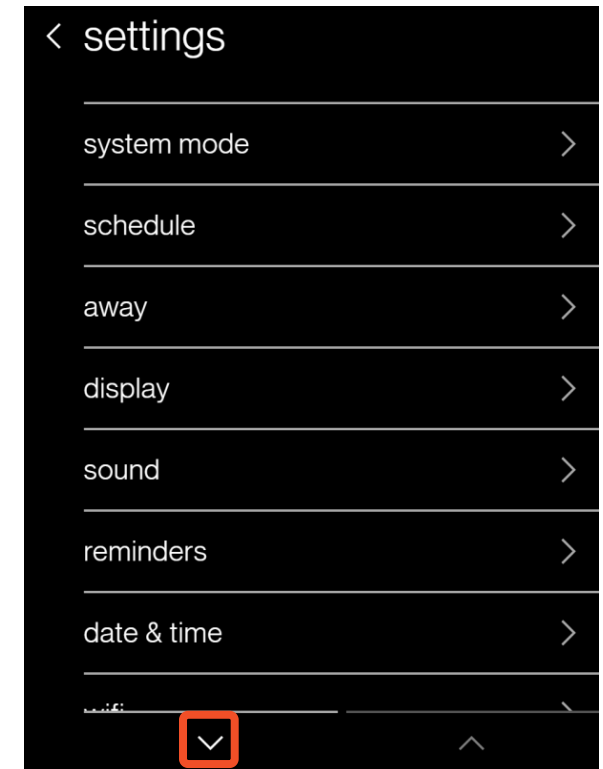
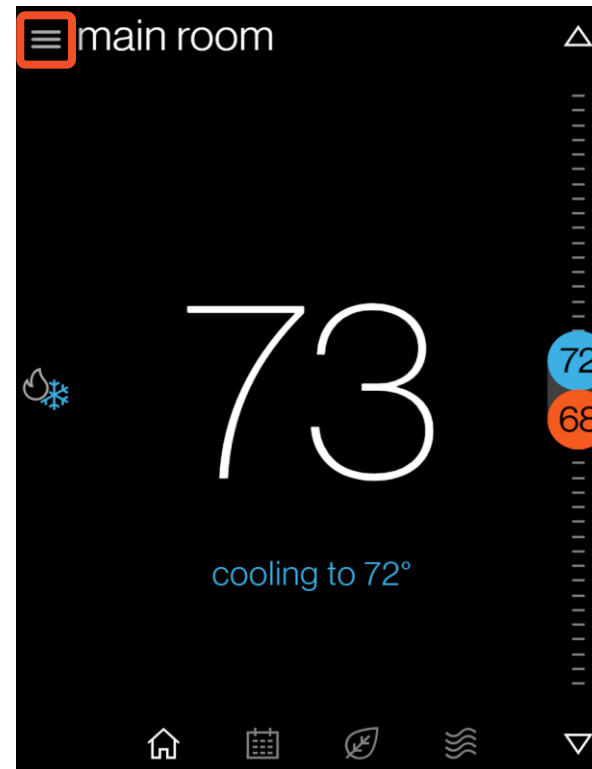


Settings

- Settings will give you access to additional supporting features:

- System Mode
- Schedule
- Reminders
- Set date & time

*Select the down arrow for more options



Agenda

Daikin *One+*
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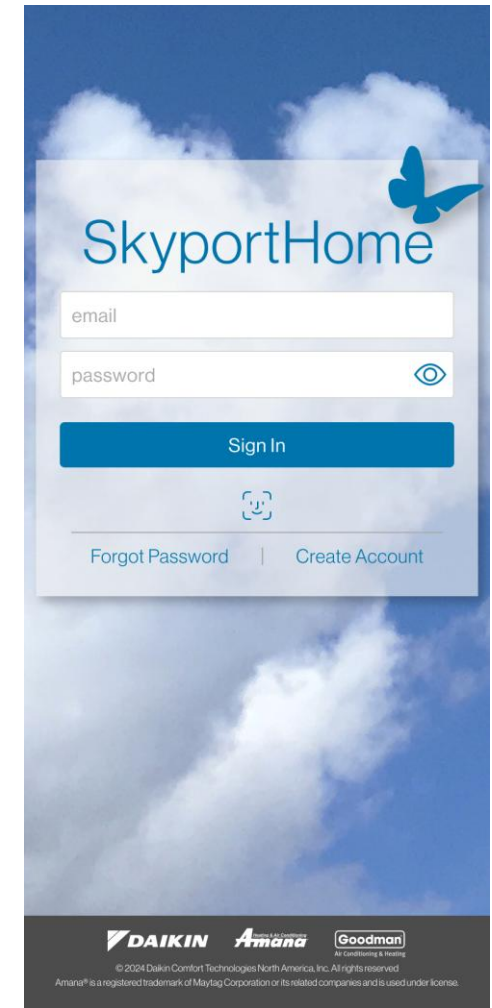
Account set-up

- Setting up an account is a five-step process.
 1. Downloading the application from your IOS or Android application store.
 2. Creating the account.
 3. Confirming your account.
 4. Adding the thermostats' location.
 5. Connecting the app to the thermostat.

Note: A mobile device, the **Daikin One+** connected to **Wi-Fi** that is wired to a **communicating system**, and a valid **email address** is needed to create a mobile account.

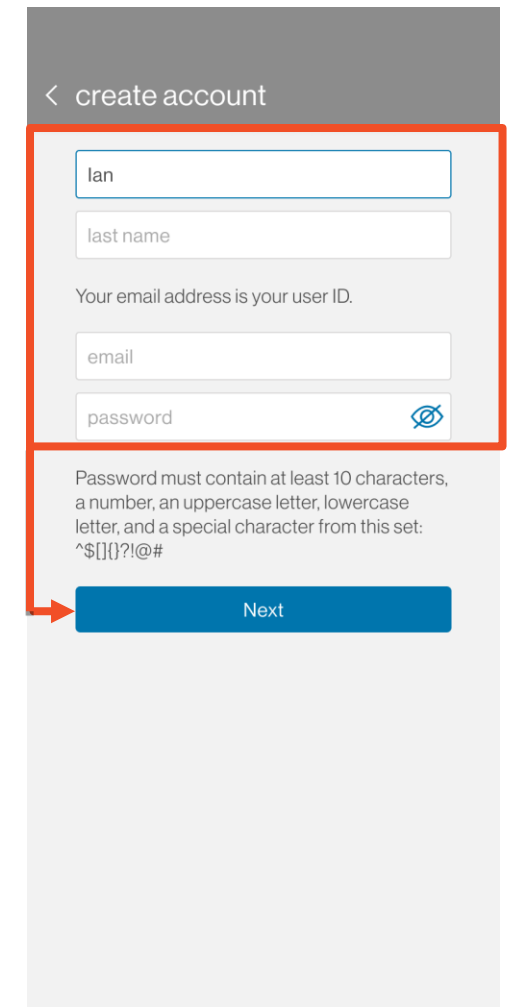
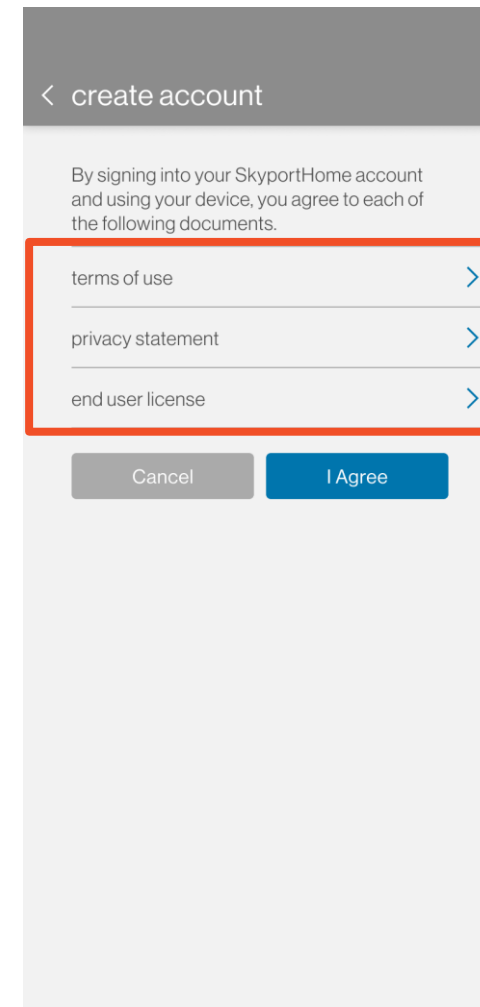
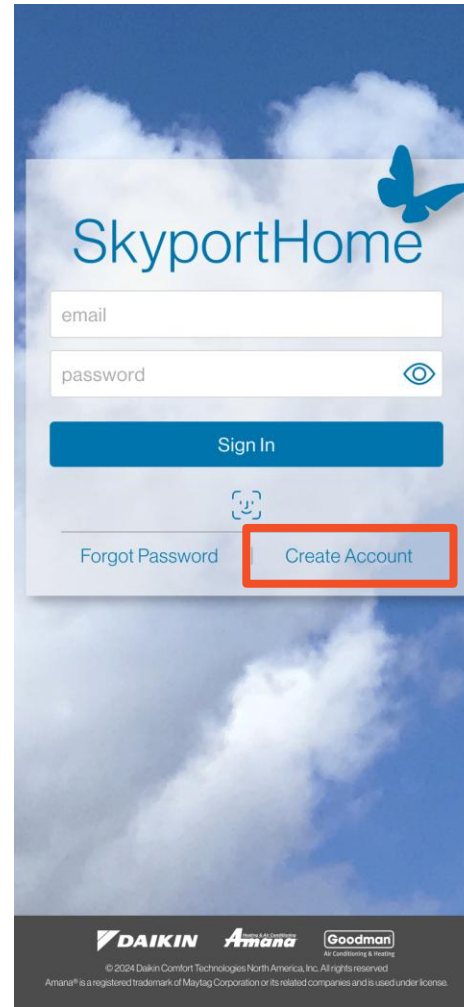


SkyportHome



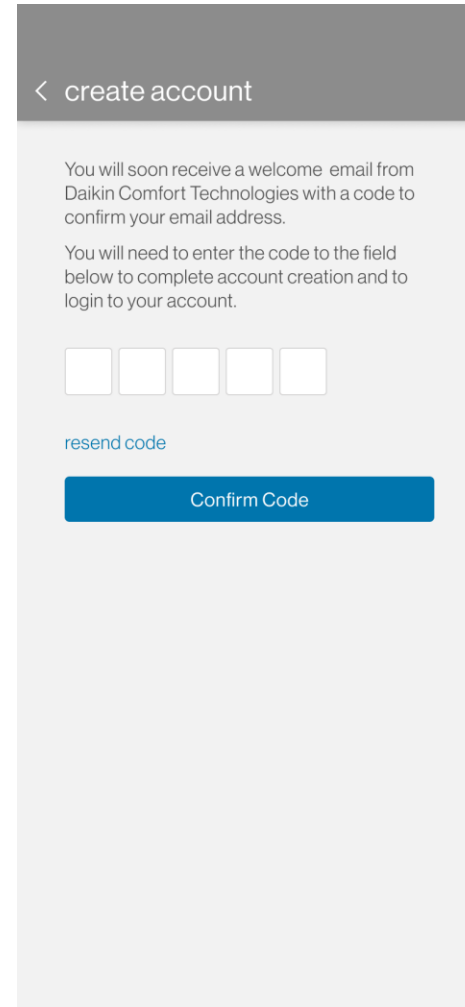
Create the account

- Tapping Create Account at the bottom right corner of the login screen will start the process.
- Before agreeing, read the terms and service, privacy statement, and other notices.
- Fill in your name, valid email address, and password.
- Select Next.



Confirming the account

- You will be prompted to access the **email address** you provided when creating the account.
- A welcome email will appear in your inbox providing a **six-digit** code.
- Entering the six-digit code on your phone app. will allow you to continue.



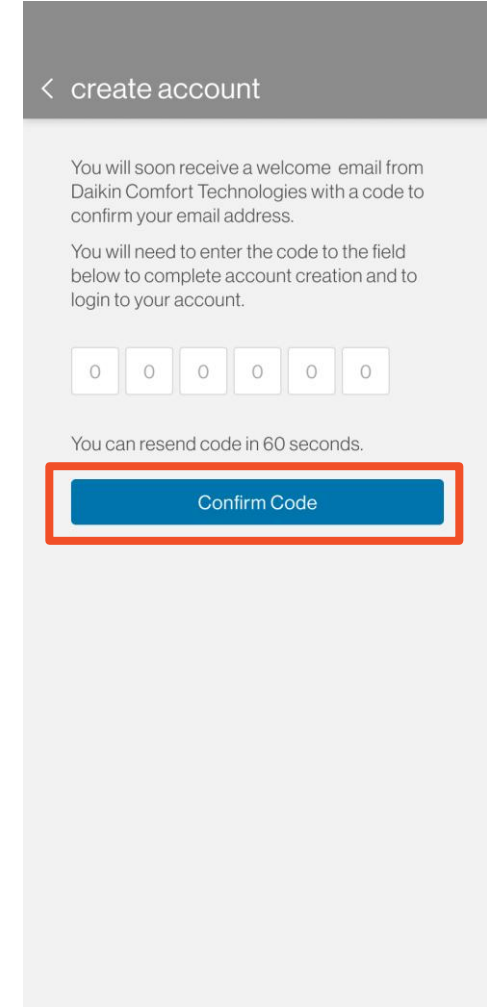
< create account

You will soon receive a welcome email from Daikin Comfort Technologies with a code to confirm your email address.

You will need to enter the code to the field below to complete account creation and to login to your account.

[resend code](#)

Confirm Code



< create account

You will soon receive a welcome email from Daikin Comfort Technologies with a code to confirm your email address.

You will need to enter the code to the field below to complete account creation and to login to your account.

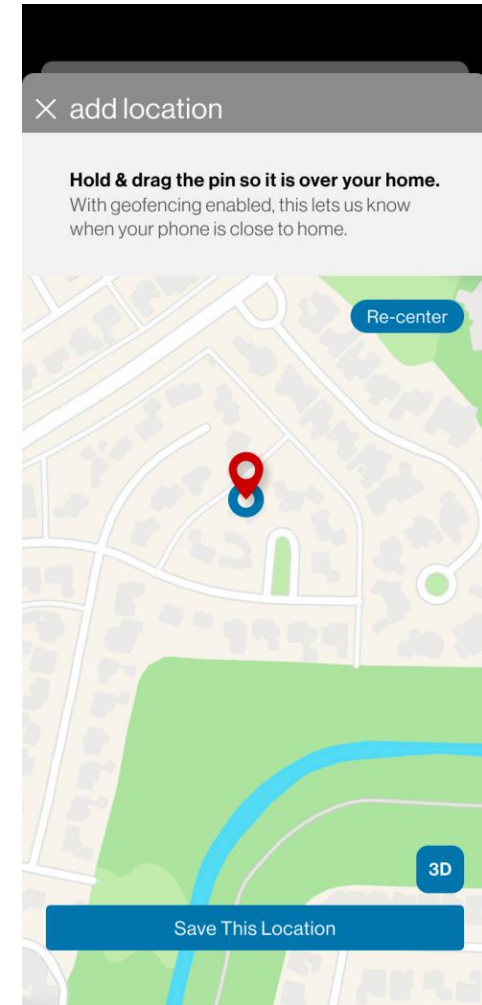
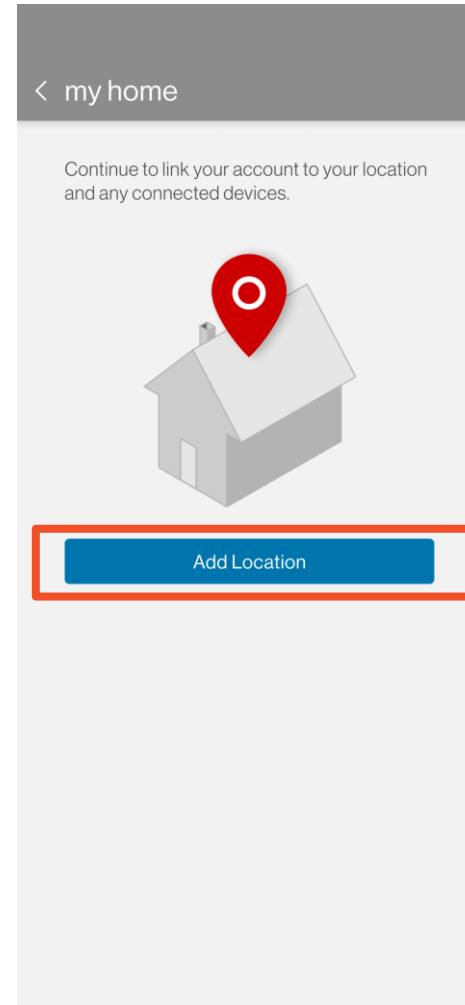
You can resend code in 60 seconds.

Confirm Code

Adding the thermostat's location via GPS or Manually

To add location via GPS:

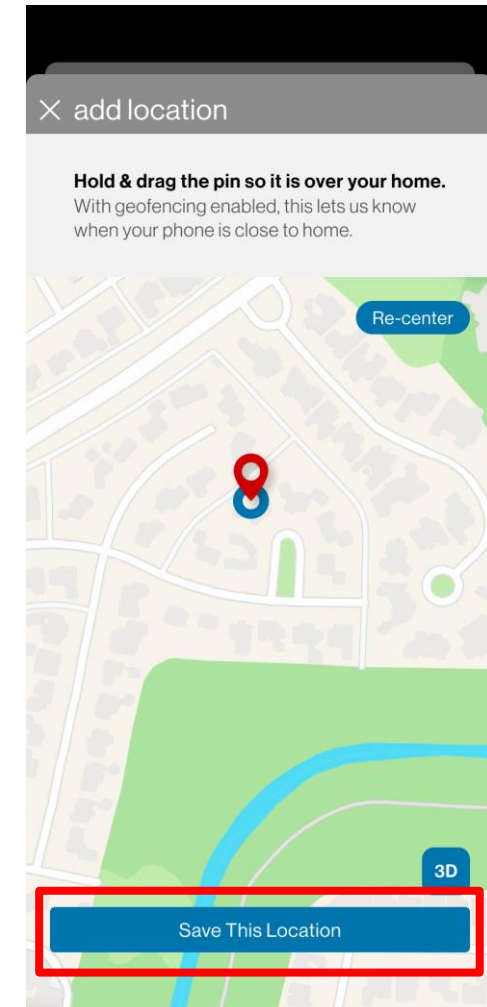
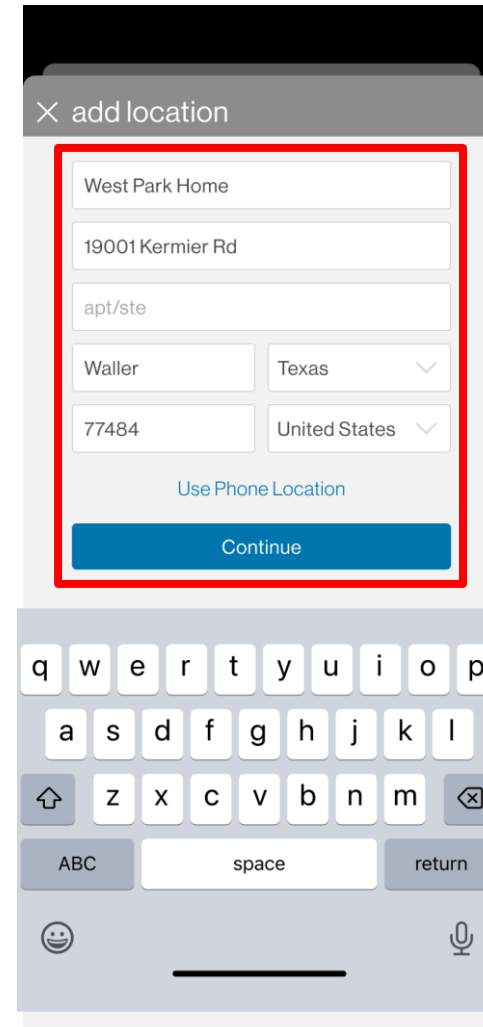
- The Add Location screen will appear on your app screen. Press the “Add Location” button.
- Select to Allow Once or Allow While Using the App.
- Follow the prompts on the app.
- Select Don't Allow if entering manually.



Adding the thermostat's location via GPS or Manually

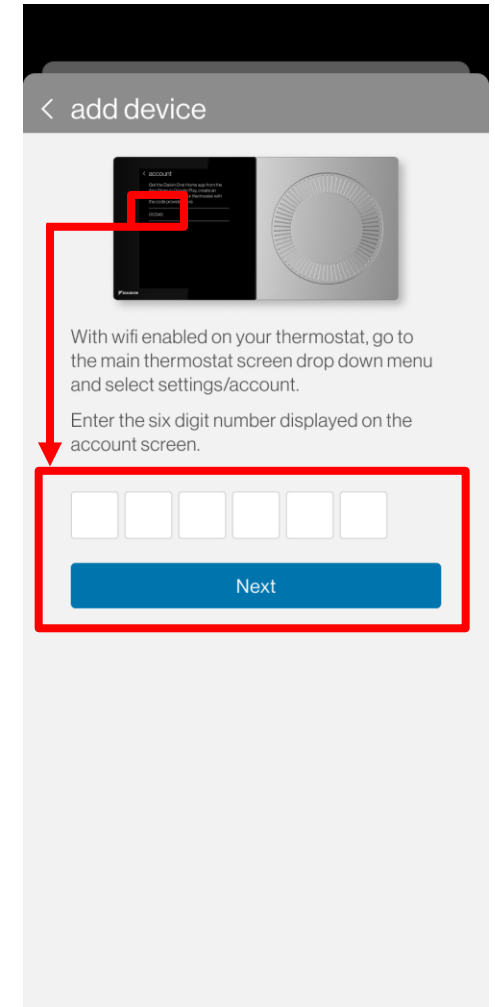
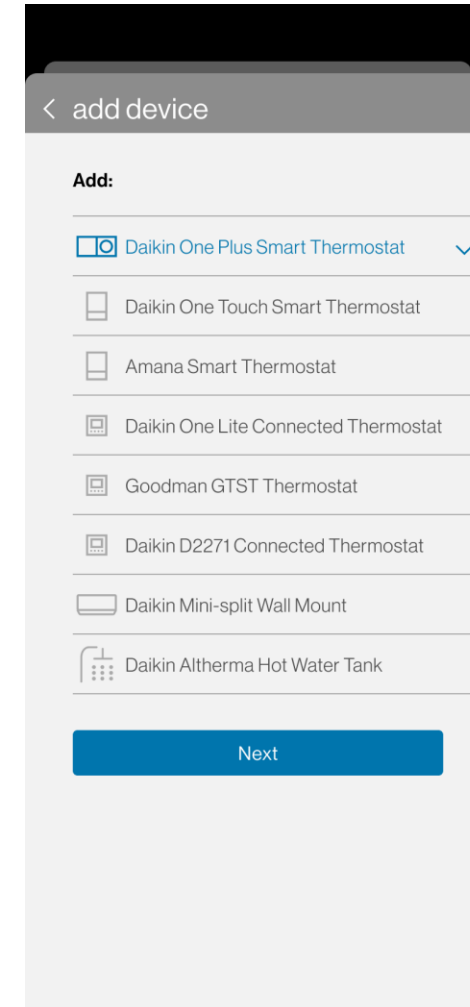
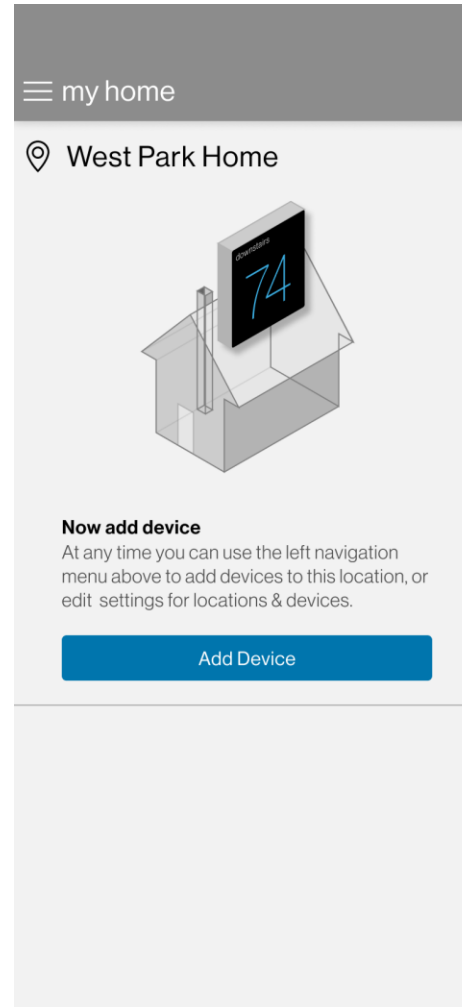
To add location Manually:

- The Add Location screen will appear on your app screen. Press the “Add Location” button.
- Select Don't Allow.
- Enter location information.
- Select next.
- Drag the pin over your location on the map.
- Save The Location.

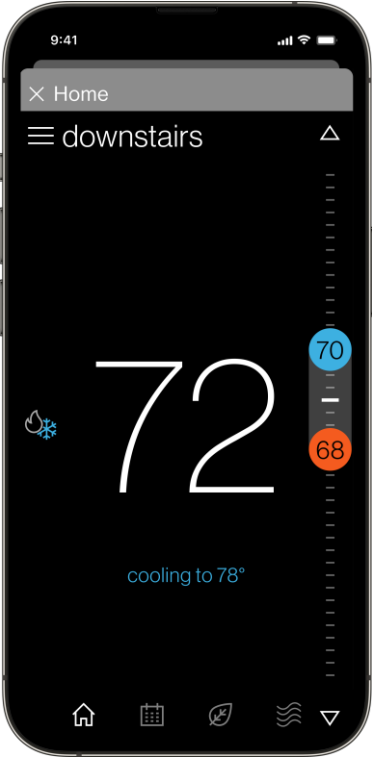


Connecting the App to the thermostat

- Select Add Device
- Press the dropdown menu and select which thermostat you have.
- With Wi-Fi enabled on your thermostat, go to the main screen drop down menu and select settings/account.
- Type the six-digit code displayed on your thermostat into the space provided on the mobile app.
- Tap Add. The app will display your thermostat.



SkyportHome Mobile App



■ IOS

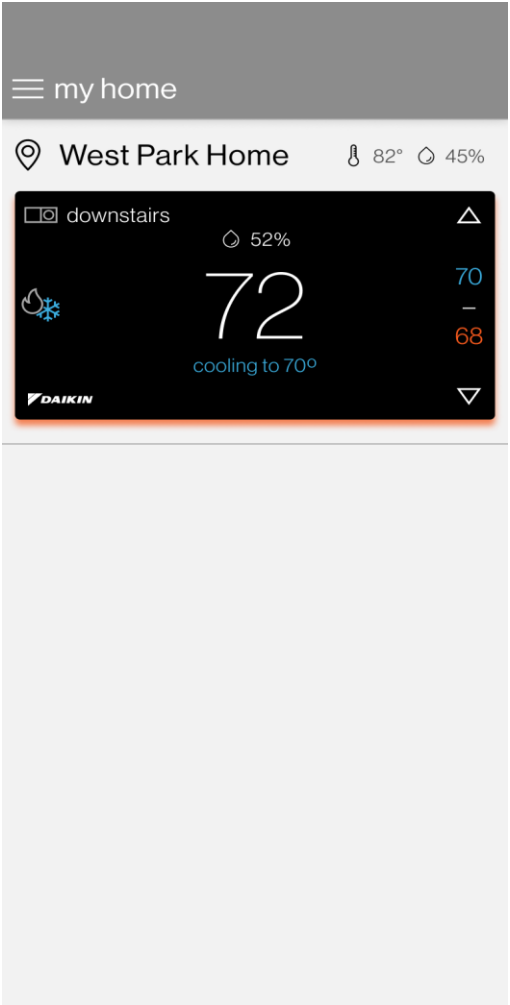


■ Android



SkyportHome

Visit [SkyportHome App | Daikin Cloud Services](#) for additional information



Assessment

TRC-3 Daikin *One+* Installation & Commissioning

1. When commissioning the Daikin One+ through full setup, what steps need to be reviewed before completing the setup?

- a) All steps
- b) Communication and system optimization
- c) Personalization, communication, and preferences
- d) Equipment setup and communication



2. Depending on the installed equipment, how many months are allowed for maintenance reminders.

- a) 1-6
- b) 1-9
- c) 1-3
- d) 1-24



3. How high on an interior wall should the Daikin One+ be mounted?

- a) 3'
- b) 4'
- c) 5'
- d) 6'



4. Communicating indoor units with a 4-pin connector supplied, will match [] on the 4 pin with [] on the indoor PCB.

- a) R, C, G, W1 / R, C, G, W1
- b) R, C, W1, Y1 / R, C, G, W1
- c) G, W1, W2, Y1 / 1, 2, R, C
- d) 1, 2, R, C / 1, 2, R, C



5. Do not install the Daikin One+ where it can be affected by radiant heat from the sun or appliances.

- a) True
- b) False



6. Measurement between data line 1 and 2 should read?

- a) 0.06VDC
- b) 24VAC
- c) 0.6VAC
- d) 0.6VDC



7. The maximum wire distance between the Daikin One+ and the indoor unit should not exceed 150 feet using 18-gauge wire.

- a) True
- b) False



8. At minimum, the system test should be run on inverter units before proceeding to complete the installation.

- a) True
- b) False



9. What equipment type must you select before moving to the set-up screen?

- a) IDU
- b) ODU
- c) Unitary
- d) Equipment type selection is not required



10. The unit that is identified determines the list of configurations that will be displayed.

- a) True
- b) False



11. Which set-up tab allows you to add equipment?

- a) Personalization
- b) System optimization
- c) Equipment setup
- d) Communication



12. How many minutes should you wait for the thermostat to equalize before you calibrate it?

- a) 10
- b) 20
- c) 30
- d) 40



13. The system test can run for approximately how many minutes?

- a) 2 
- b) 4 
- c) 5 
- d) 6 

14. Which symbol indicates a step has been reviewed?

- a) ! 
- b) ✓ 
- c) # 
- d) x 

15. Once you start a test from the thermostat it cannot be stopped.

- a) True 
- b) False 

16. Error history logs alerts that are color coded, [] being non-critical and [] being critical.

- a) Green, Yellow
- b) Blue, White
- c) White, Yellow
- d) Yellow, Red



17. The version of the thermostat is displayed on the learn more screen.

- a) True
- b) False



18. What is needed to create a mobile account?

- a) The Daikin *One+*, a Tablet, and a valid email address
- b) A mobile device, the Daikin *One+* connected to Wi-Fi that is wired to a communicating system and a valid email address is needed to create a mobile account
- c) An indoor unit, an outdoor unit and the Daikin *One+*
- d) A mobile device connected to connected to Wi-Fi, an indoor unit and an outdoor unit



DAIKIN COMFORT TECHNOLOGIES NORTH AMERICA, INC.

