



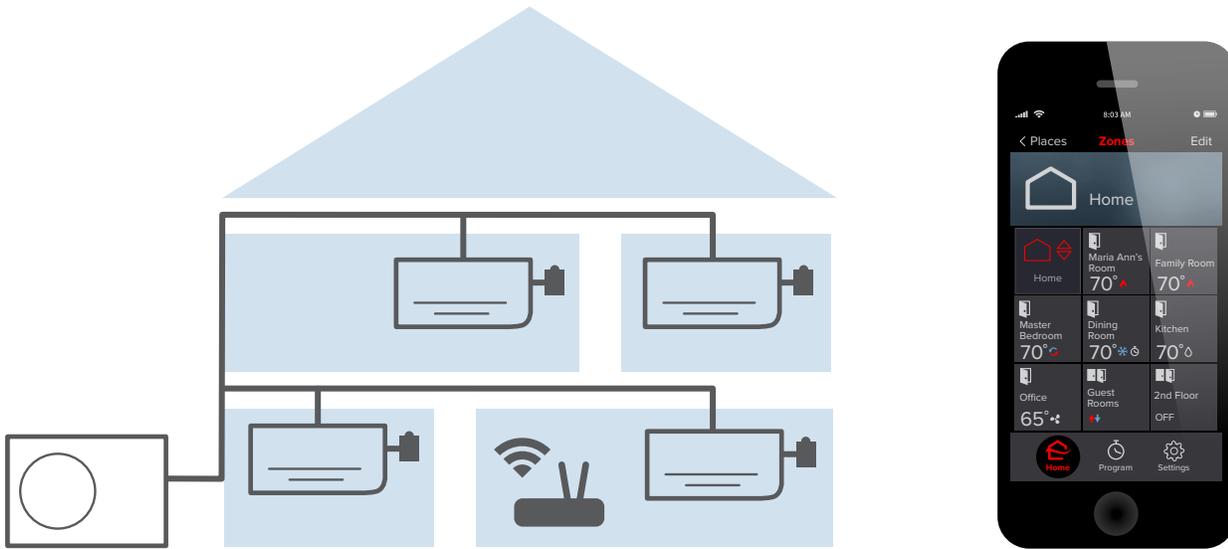
**OWNER OPERATION MANUAL
FOR USER
2.0**

Contents

kumo cloud™	1
Quick Setup	1
Get Started	2
Download the App.....	2
Create an Account.....	2
Control	3
Whole Home or Individual Zone.....	3
Temperature	3
Cool, Heat and Other Modes	3
Fan Speed.....	4
Vent	4
Organize Zones	5
Edit a Zone Name.....	5
Add a Group	6
Move Zones to a Group.....	7
Delete a Group.....	8
View Places	9
Add a Place	9
Move Zones to a Place.....	10
Program	11
Set a New Event	11
Check Program.....	13
Edit or Delete an Event	13
Interrupt the Program.....	13

Continued on the next page.

Settings	14
Settings Overview	14
Reset Filter Reminder	14
Equipment Errors.....	15
Choose Fahrenheit or Celsius.....	16
Lock to Single Zone.....	17
Unlock from Single Zone	18
Check Connection to the Wireless Network	19
Reconnect the Wireless Network	20
Transfer Ownership.....	21
FAQs	22

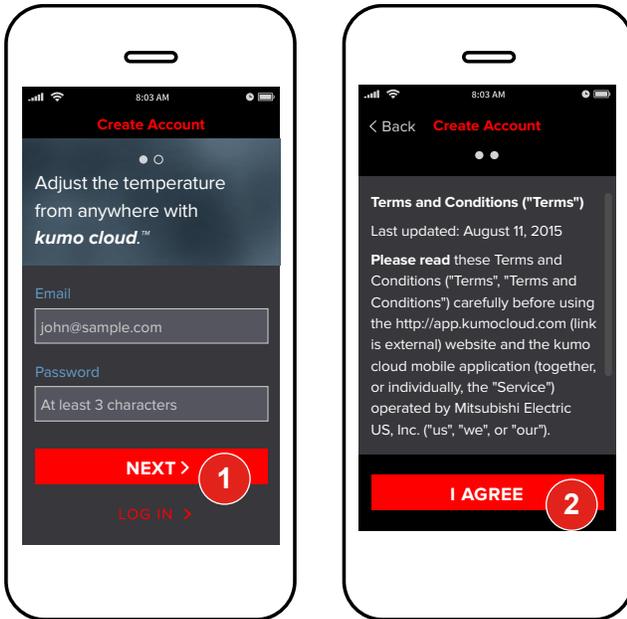


kumo cloud™

The *kumo cloud* app works with the Mitsubishi Electric Wireless Interface to enable remote control of Mitsubishi Electric Cooling and Heating from a smart phone. It can be used as the only controller or with certain others.

Quick Setup

1. Ask a professional to install the equipment and set up kumo cloud. Only a professional should complete installation to prevent electric shock or personal injury. Find a qualified installer online: mitsubishicomfort.com/contractors
2. The home **wireless network** should already be set up with an Internet connection. The installer will need the network name and password. You can switch the network or password later if needed, see [page 20](#).
3. Give the installer your **email address** and watch for an email from *kumo cloud*.



Get Started

Download the App

Visit kumocloud.com. Locate the link to download the app from the App StoreSM or Google Play.TM

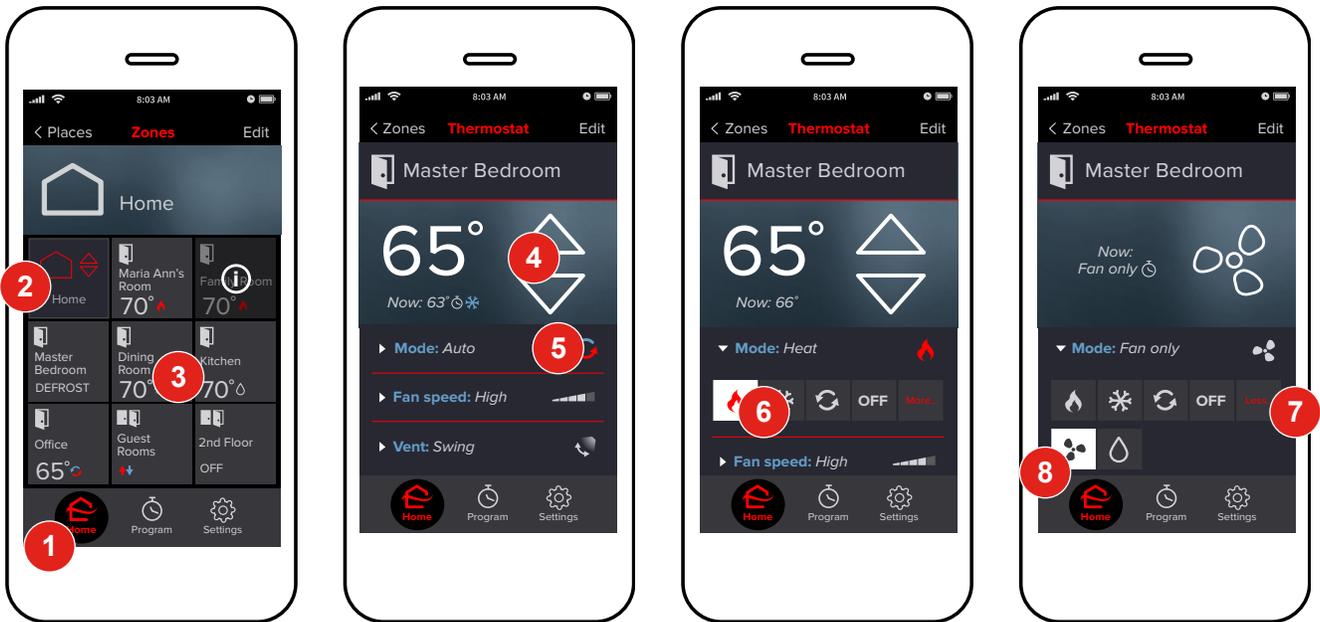
The app is available for iPhone[®] 5 and newer running iOS 8.0 and newer and Androids running Android[™] 4.1 and newer. Access for other devices is available online: kumocloud.com.

Create an Account

1 The *Create Account* screen displays when the app is launched for the first time. Type an email address, enter a password and tap **Next**.

2 Review the *Terms and Conditions* and tap **I Agree**.

kumo cloud remains logged-in, unless *Logged out* by tapping *Settings*, *My Account* and *Log out*.



Control

Whole Home or Individual Zone

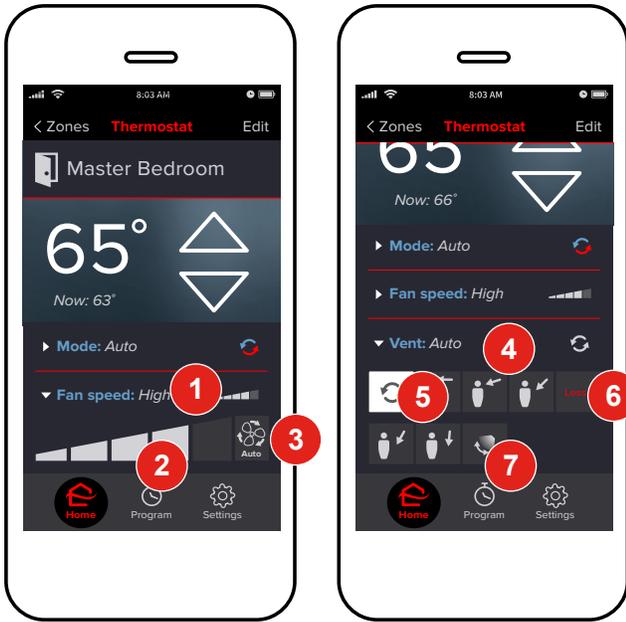
- 1 Tap the **Home** icon. If your house has only one zone, skip to Step 4.
- 2 To control all zones together, tap the **Home** controls tile .
- 3 To control an individual zone, tap the zone tile.

Temperature

- 4 Use the  **arrows** to adjust temperature.

Cool, Heat and Other Modes

- 5 Tap the **Mode** menu.
- 6 Tap the symbol for **Heat**, **Cool**, **Auto** or **OFF**. The modes available will vary depending on the equipment and settings chosen by the installer. *Auto* (Auto Changeover) mode will automatically select *Cool* or *Heat* according on the room temperature.
- 7 To select *Fan Only* mode or *Dehumidify* mode tap **More**.
- 8 Then tap the **mode button**.



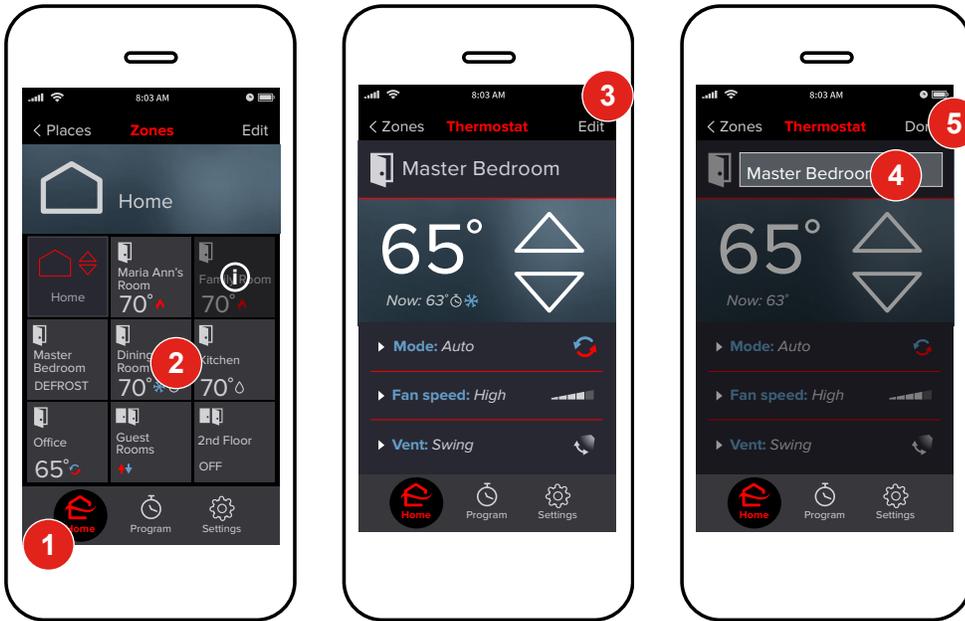
Fan Speed

- 1 Tap the **Fan speed** menu.
- 2 Tap the desired **fan speed**. Available fan speeds will vary.
- 3 **Auto** fan speed, available with some equipment sets the fan speed as the equipment ramps up and down to cool or heat the room efficiently.

Vent

Vent controls the direction of the air blowing out. Options vary.

- 4 Tap the **Vent menu**.
- 5 Tap a **Vent direction button**. **Auto** sets the direction to cool or heat the room efficiently.
- 6 Tap **More** to display more options.
- 7 **Swing** makes a constant sweep of the room.

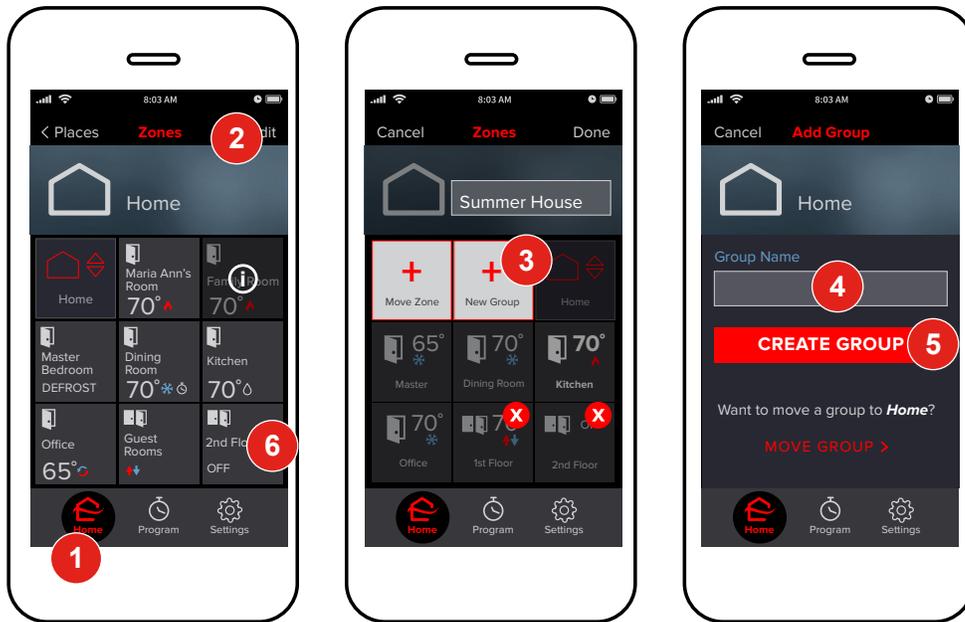


Organize Zones

Depending on your home, you may have one or many zones, individual areas cooled and heated with an indoor unit.

Edit a Zone Name

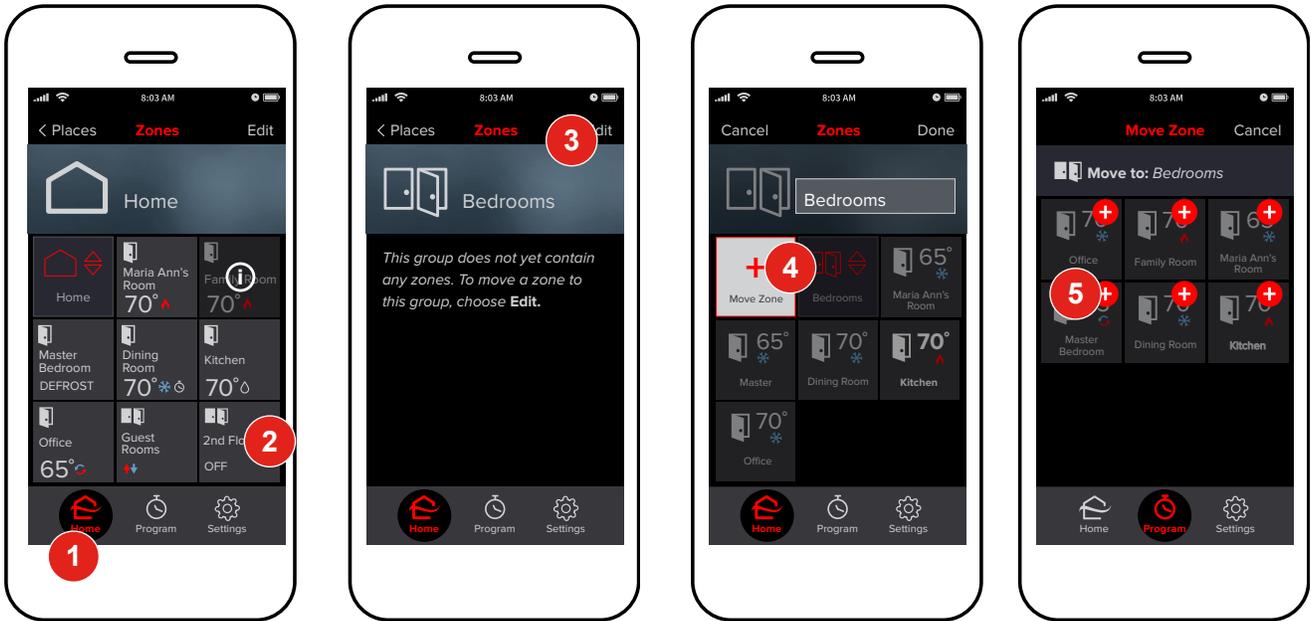
- 1 Tap **Home** to see all the zones. If there is only one zone, skip to step 3.
- 2 Tap the **zone**.
- 3 Tap **Edit**.
- 4 Tap in the text box and type a new name.
- 5 Tap **Done**.



Add a Group

If you have many zones, you may wish to group them. Zones that are grouped can be controlled all at once. For example, save energy *Upstairs* during the day and *Downstairs* at night.

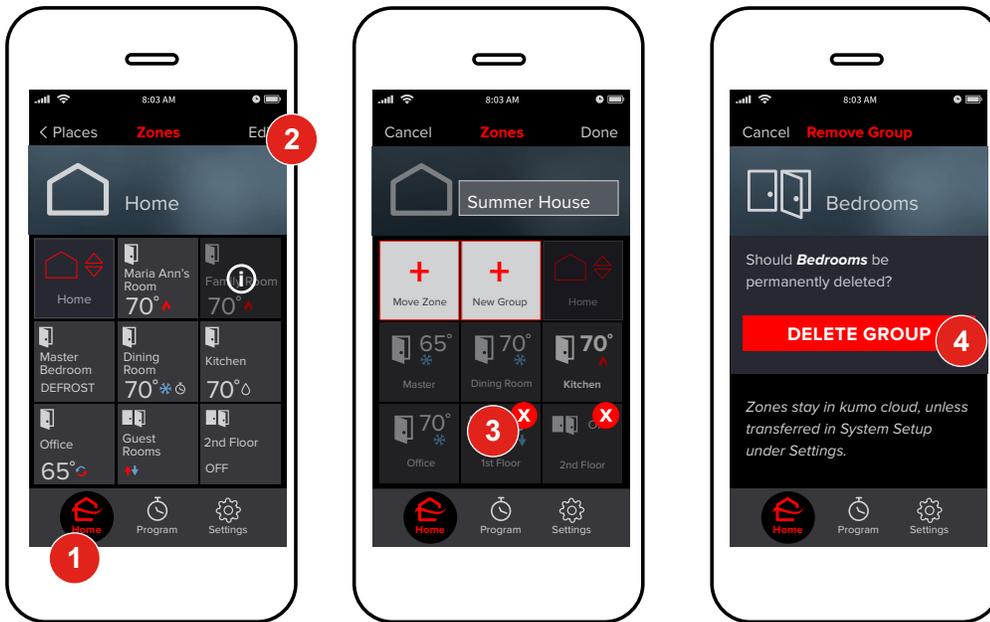
- 1 Tap the **Home** icon in the bottom.
- 2 Tap **Edit**.
- 3 Tap **New Group**.
- 4 Type a **name**.
- 5 Tap **Create Group**.



Move Zones to a Group

- 1 Tap **Home**.
- 2 Tap the **Group**.
- 3 Tap **Edit**.
- 4 Tap **Move Zone**.
- 5 Tap the **+** to move the zone into the group.

Repeat steps 3–5 for all the zones in the group.



Delete a Group

When a group is deleted, the zones inside go to the *Place* that contained the group. For example, if *Bedrooms* is deleted, *Master* and *Guest Bedroom* are then in *Home*.

- 1 Tap the **Home icon**.
- 2 Tap **Edit**.
- 3 Tap the **X**.
- 4 Tap **Delete Group**.



View Places

If kumo cloud is set up at a second location, the new location will show up as a second *Place* when the installer transfers it to your account.

1 Tap **Home** to see both locations.

Add a Place

If you wish, organize zones into separate *Places*. For example, set up *Basement Apartment* and *Transfer Ownership* ([page 21](#)) to let the occupant have complete control.

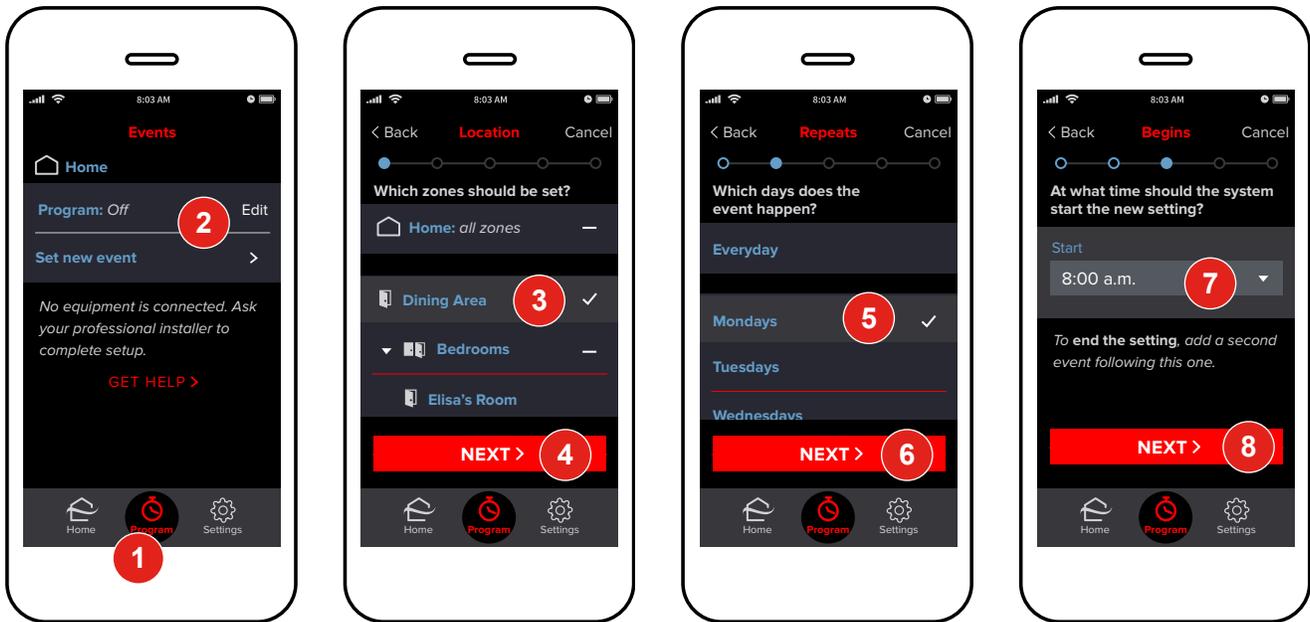
- 1** Tap **Home**.
- 2** If there is not already more than one place, tap **Places**.
- 3** Tap **Edit**.
- 4** Tap **New Place**.
- 5** Enter a name and tap **Create Place**.



Move Zones to a Place

- 1 Tap **Home**.
- 2 Tap the **Place**.
- 3 Tap **Edit**.
- 4 Tap **Move Zone**.
- 5 Tap the **+** to move the zone to the **Place**.

Repeat steps 3–5 for all the zones in the **Place**.

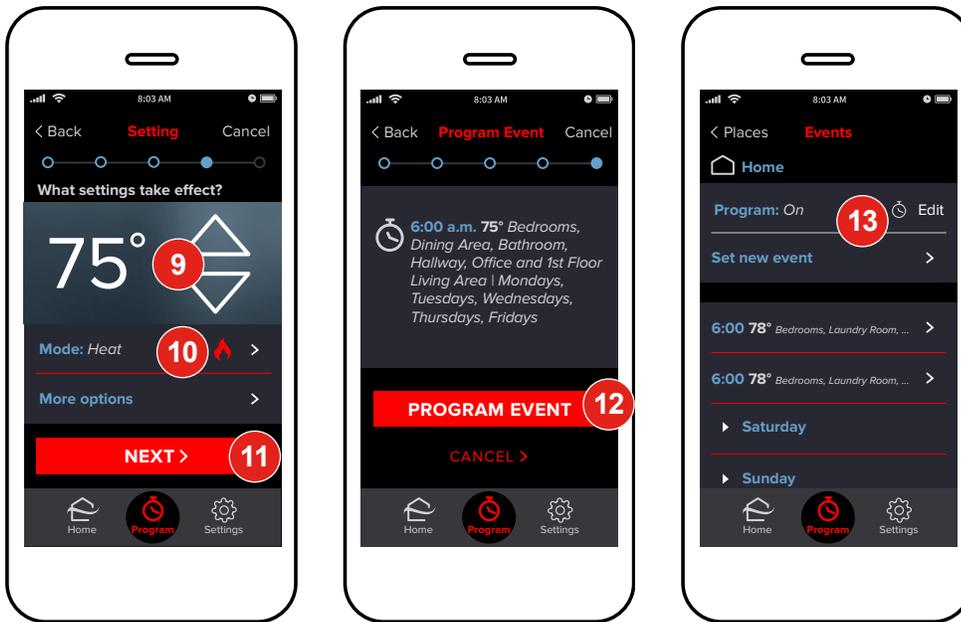


Program

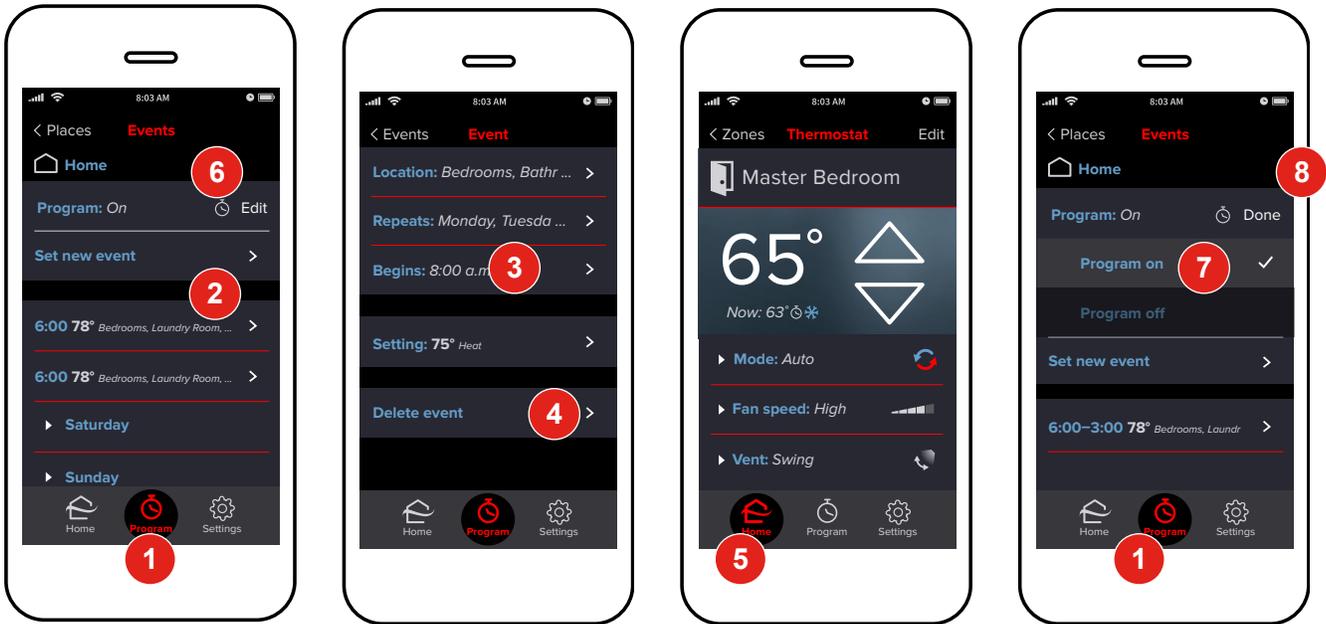
kumo cloud can be programmed to adjust settings automatically following a customized schedule. Mitsubishi Electric Cooling and Heating runs particularly efficiently. For overall energy-savings, adjust baseboard heat, gas, or other auxiliary heat so it doesn't overrun while the main system is set back.*

Set a New Event

- 1 Tap the **Program icon** in the bottom menu.
- 2 Tap **Set new event**.
- 3 Tap to select the **zones** the event should effect. For example, to reduce the heat at night for the whole house, tap *Home: all zones*.
- 4 Tap **Next**.
- 5 Select appropriate days of the week.
- 6 Tap **Next**.
- 7 Select the **time**.
- 8 Tap **Next**.



- 9 Tap the **arrow** buttons to set the desired temperature.
- 10 Check that the *Mode* makes sense for the current season. Tap the menu to change it if needed.
- 11 Tap **Next**.
- 12 Review the event, and tap **Program Event**.
- 13 Tap **Set new event** again, and repeat steps 2–12 to set another event. For example, set an event to adjust cooling up to 76°F up starting at 9 a.m., and then set another event to bring cooling back down to 73°F at 3 p.m.



Check Program

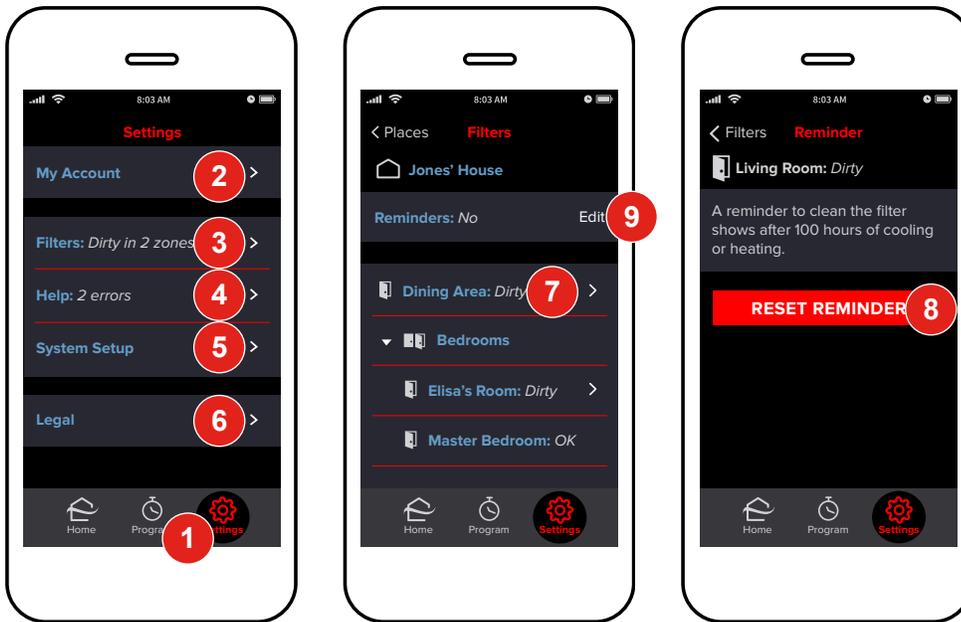
- 1 Tap the **Program icon** to review past and upcoming programmed activity. The current event will be at the top of the list.

Edit or Delete an Event

- 2 Tap the **event**.
- 3 Tap **Location, Repeats, Begins** or **Setting** to make a change.
- 4 Tap **Delete event** to remove it.

Interrupt the Program

- 5 To temporarily disrupt the program, tap the **Home icon**, choose a zone and then adjust settings as usual. The program will resume at the time of the next event.
- 1 To permanently disrupt the schedule of events, such as during extended travel, tap the **Program icon**.
- 6 Tap **Edit**.
- 7 Tap **Program Off**.
- 8 Tap **Done**. No programmed events will occur until the feature is turned back on.



Settings

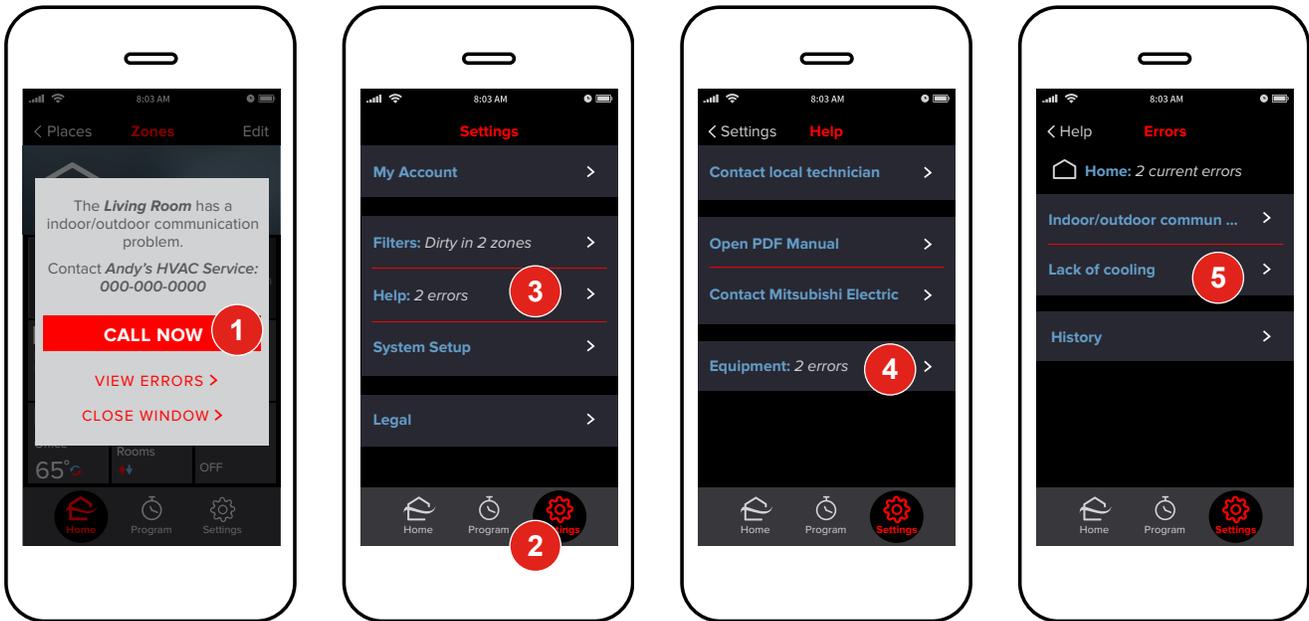
Settings Overview

- 1 Tap **Settings** to view the menu.
- 2 Tap **My Account** to change email and password or to log out.
- 3 Tap **Filters** to check status and reset reminders. See below.
- 4 Tap **Help** to view cooling and heating errors and find assistance. See [page 15](#).
- 5 Tap **System Setup** to change to Celsius, *Lock to Single Zone*, *Reconnect the Wireless Network* or *Transfer Ownership*. See [page 16](#).
- 6 Tap **Legal** to view *Copyright*, *Licenses* and *Analytics*.

Reset Filter Reminder

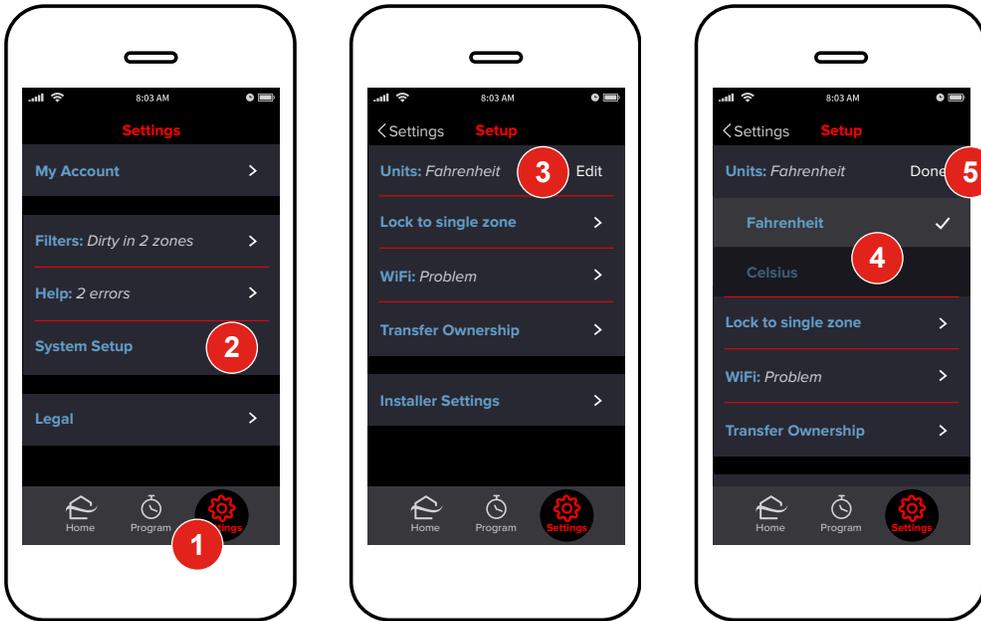
Keeping the filter clean helps the equipment run efficiently.

- 3 Tap **Filters** to check status and reset reminders. If you have more than one place, tap the name of the place (Not shown.)
- 7 After cleaning the filter, tap the **zone** to reset the reminder.
- 8 Tap **Reset Reminder**.



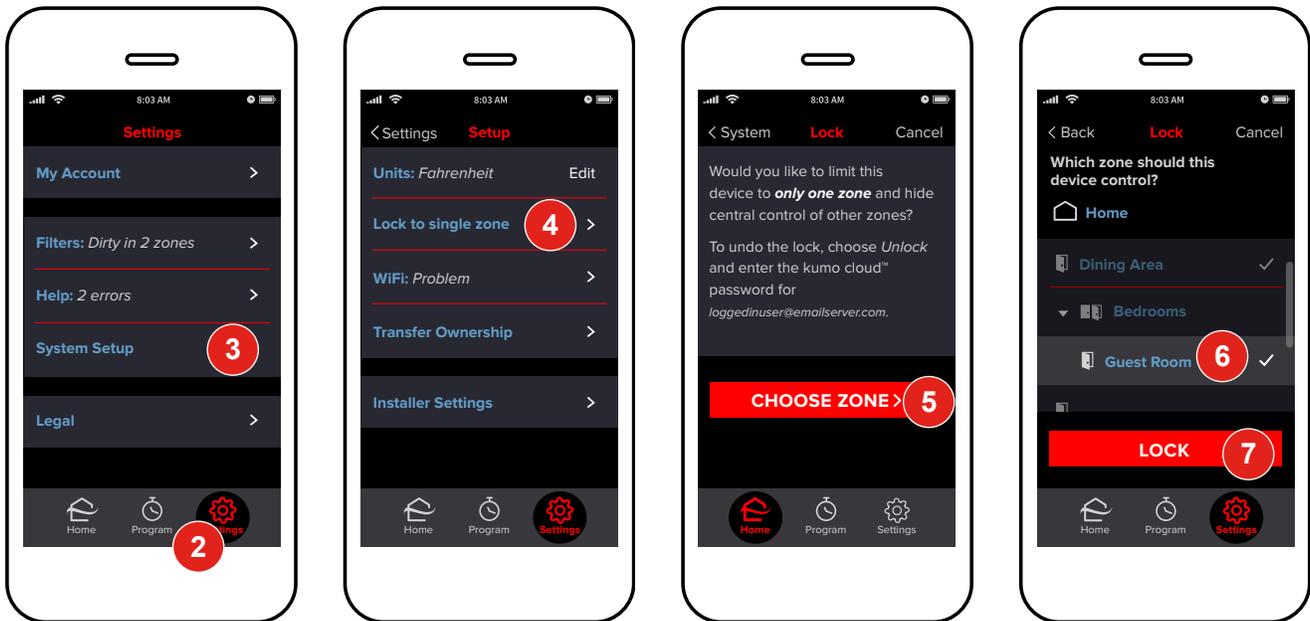
Equipment Errors

- 1 If kumo cloud displays an error alert, use the **Call Now** button to contact the technician who installed the cooling and heating.
- 2 To find the error details, tap **Settings**.
- 3 Then tap **Help**.
- 4 Tap **Equipment**.
- 5 Tell a professional about the **errors** listed.



Choose Fahrenheit or Celsius

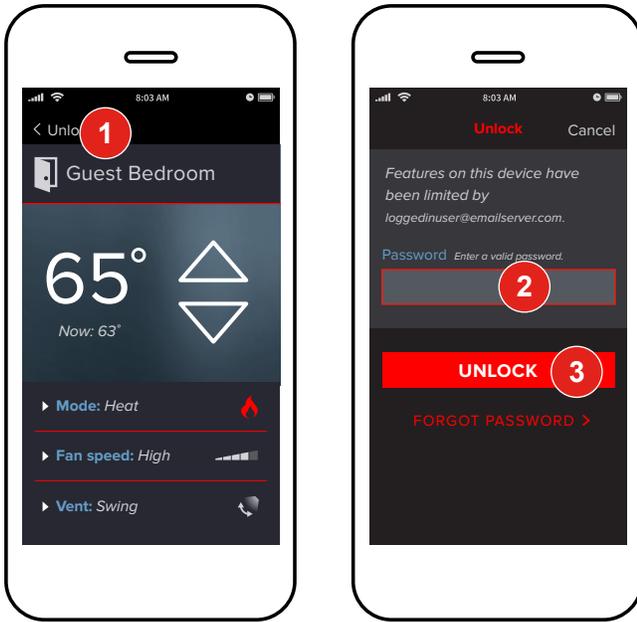
- 1 Tap **Settings**.
- 2 Tap **System Setup**.
- 3 Tap **Units**.
- 4 Choose **Fahrenheit** or **Celsius**
- 5 Tap **Done**.



Lock to Single Zone

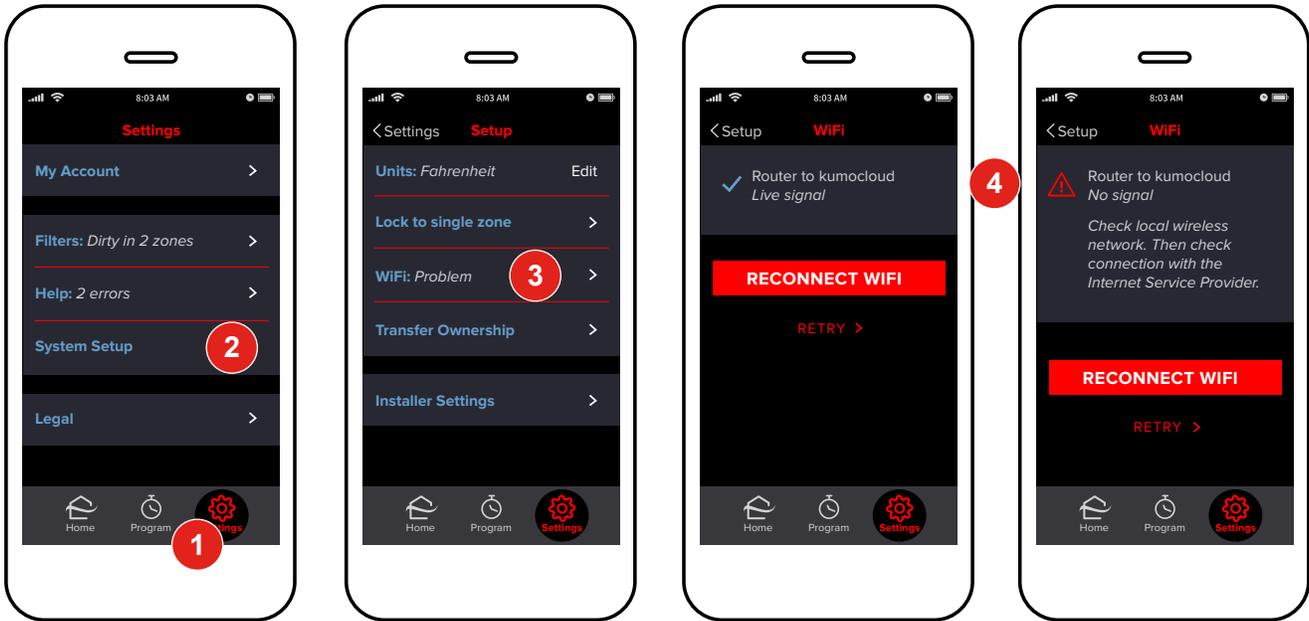
Use *Lock to Single Zone* to set up a mobile device for a guest or family member, without allowing the guest to control the entire house or adjust the *Program* or *Settings*. Whenever the kumo cloud app opens on that device, only the thermostat screen for the chosen zone displays.

- 1 Install kumo cloud and log in to your account. See [page 2](#).
- 2 Tap **Settings**.
- 3 Tap **System Setup**.
- 4 Tap **Lock to single zone**.
- 5 Tap **Choose Zone**.
- 6 Choose a **zone**. If there two or more *Places*, choose a *Place* and then choose a zone. (Not shown.)
- 7 Tap **Lock**.



Unlock from Single Zone

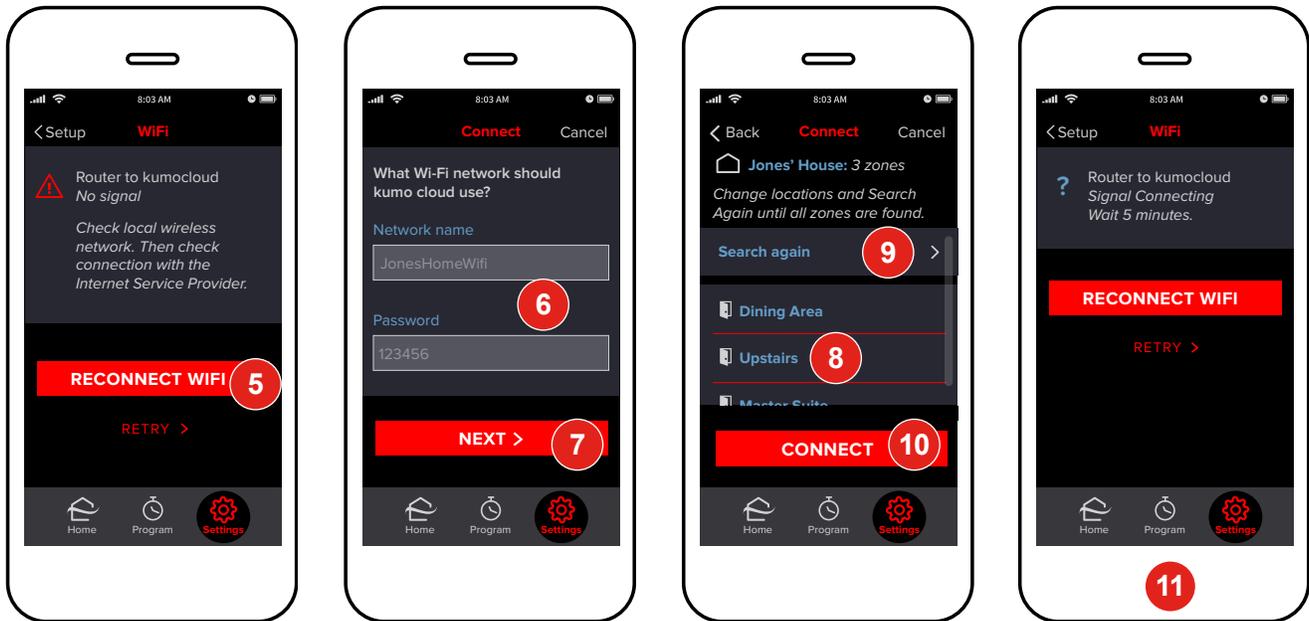
- 1 Tap **Unlock**.
- 2 Enter your account **password**.
- 3 Tap **Unlock**.



Check Connection to the Wireless Network

If none of the zones respond to the mobile app, check the *Router to kumo cloud* connection. Also check the *Router to kumo cloud* connection if the app works from home but not from across town.

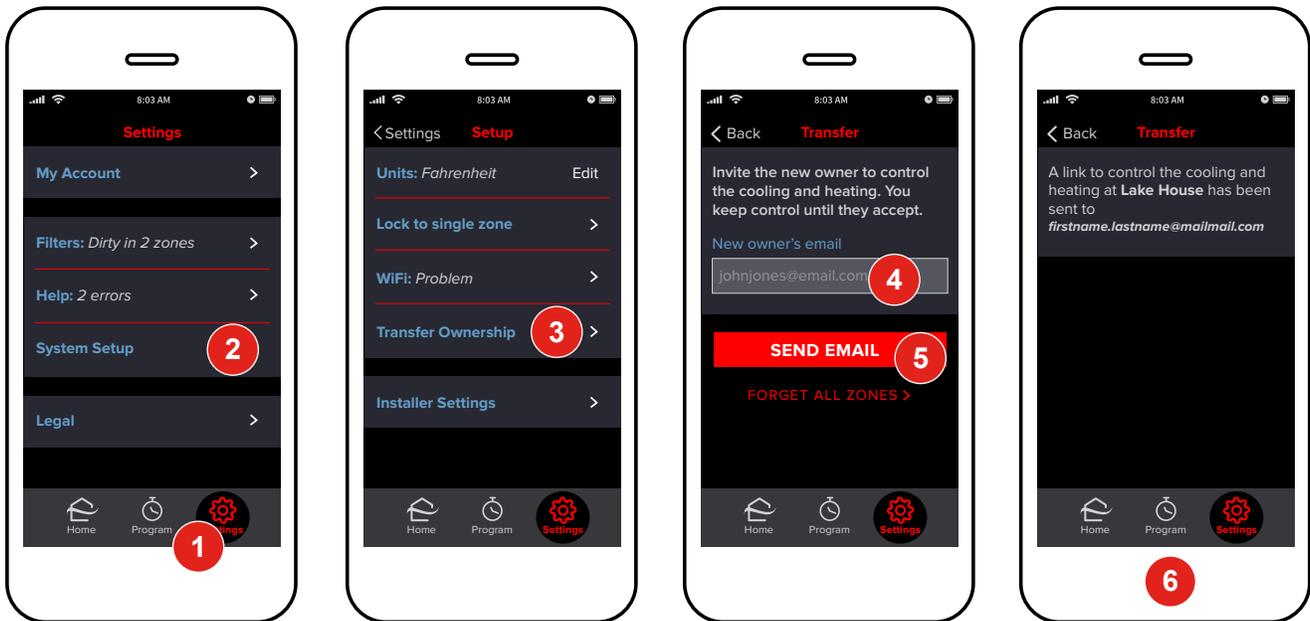
- 1 Tap **Settings**.
- 2 Tap **System Setup**.
- 3 Tap **WiFi**.
- 4 Note if there is a *Live signal* or if there is *No signal*. If there is *No signal*, check the router for power, wireless signal and Internet connection.



Reconnect the Wireless Network

Reconnect the Wireless Network after a new wireless router has been installed and connected to the Internet. Or *Reconnect the Wireless Network* if kumo cloud was set up in new construction with a temporary network.

- 5 Follow steps 1–4 on [page 19](#), then tap **Reconnect WiFi**.
- 6 Enter the **name** and **password** for the local wireless network. Make sure capital letters are entered accurately.
- 7 Tap **Next**.
- 8 Wait up to 5 minutes while kumo cloud finds zones. Review the **list of zones**.
- 9 Depending on the size of the home, some zones may be missing. Move the smart phone to a location several yards from the missing zone's indoor unit. Tap **Search again**.
- 10 Repeat steps 8 and 9 until all zones are listed. Tap **Connect**.
- 11 Wait up to 5 minutes until the *Router to kumo cloud* connection has a *Live Signal*.



Transfer Ownership

If you sell your house, pass on control of the cooling and heating to the new owner. Also use *Transfer Ownership* to give access to a service technician. He can transfer it back when he's finished. If you have a guest, see [page 17](#) to *Lock to a Single Zone*, on a particular device.

- 1 Tap **Settings**.
- 2 Tap **System Setup**.
- 3 Tap **Transfer Ownership**.
- 4 If you have more than one place, such as a primary residence and a vacation home, choose which to transfer. (Not shown). Then enter the new owner's **email address**.
- 5 Tap **Send Email**.
- 6 Zones remain in your kumo cloud account, until the new owner accepts the invitation by opening the app and logging in with his email address. If the email address was entered incorrectly, or if the new owner doesn't accept the invitation, resend the email by following steps 1–5 again.



FAQs

Can I use both the remote controller and the app? Yes! Whichever control was adjusted most recently takes effect.

Can I control the same home from multiple smart phones? Yes! Use the same email and password to log in from the second device.

If service from the Internet Service Provider goes out will kumo cloud still work? Yes! As long as the local wireless network is functioning, you can change the temperature using a smart phone from inside the house. If you adjust the program or rename a zone, those changes won't appear on any other mobile devices until connection is restored.

If service from my Internet Service Provider goes out will the programmed schedule continue? Yes! The Programmed schedule continues without interruption (with Wireless Interface model PAC-WHS002WF-1).

If the Wireless Interfaces are the older model PAC-WHS01WF-E Programmed events may be interrupted by an Internet outage. If a momentary interruption occurs and service returns within ten minutes all events take effect. If Internet service remains out, programmed events will not continue until service returns.

If power goes out will kumo cloud come back up? Yes! As soon as power returns to the equipment and the local network the app can be used to control the units. Programmed events will be interrupted after a power outage until Internet service returns as well.

Do Programmed events adjust for Daylight Saving? Yes! If there is Daylight Saving Time in the local time zone, times automatically adjust. A 3:00 p.m. event occurs at 3:00 p.m. local time.

If I adjust the Program from my smart phone while traveling in a different time zone, what happens? Programmed events are local time at the home. A 3:00 p.m. event occurs at 3:00 p.m. local time.

*Bouchell MP, Parker DS, Anello MT. Factors influencing space heat and heat pump efficiency from a large-scale residential monitoring study. Proceedings of the 2000 ACEEE summer study on energy efficiency in buildings; 2000.

©2016 Mitsubishi Electric US, Inc.
kumo cloud is a trademark of Mitsubishi Electric US, Inc.

iPhone, Apple and AirPort are trademarks of Apple Inc., registered in the U.S. and other countries. App Store is a service of Apple Inc.

Android and Google Play are trademarks of Google Inc.