SAVANT

Savant Pro App HVAC Service User Guide

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73°
Kitchen   This guide describes how to navigate the HVAC service in the Savant Pro App.

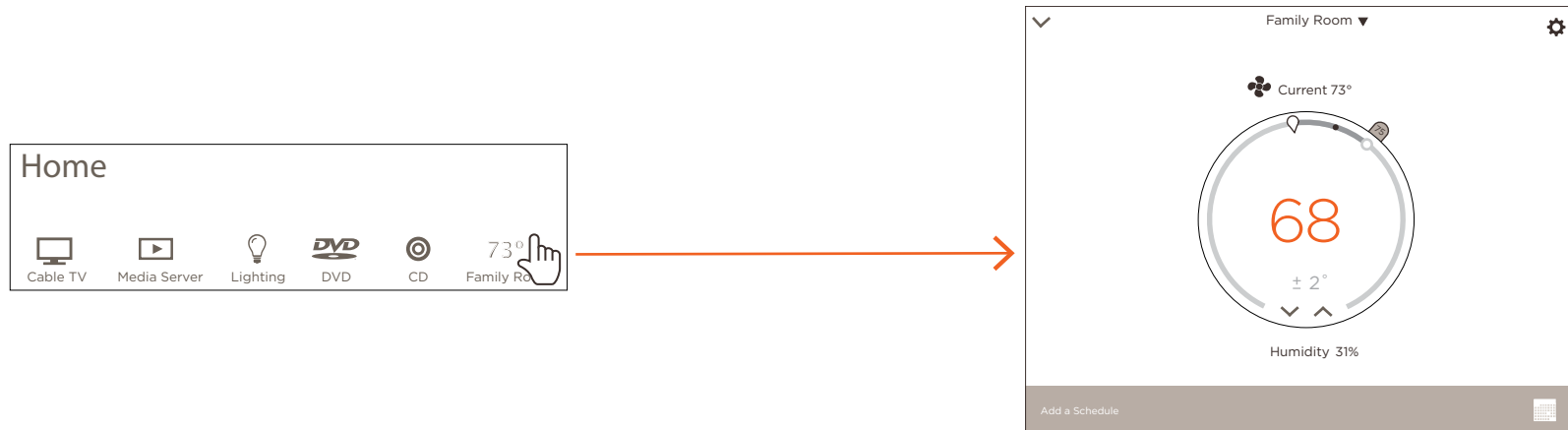45 Perseverance Way, Hyannis MA 02601
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1. Open the HVAC Service

When there is only one thermostat in the system, selecting the HVAC service icon from the service dock opens the HVAC service screen.

Home

| Cable TV | Media Server | Lighting | DVD | CD | Family Room |

Family Room ▼

Current 73°

68

± 2°

Humidity 31%

Add a Schedule

When there is more than one thermostat in the system, selecting the HVAC service icon opens a room distribution picker screen. From this screen, all rooms that contain a thermostat are listed. Select the room to open the HVAC service screen for that room.

Home

| Cable TV | Media Server | Lighting | DVD | CD | Family Room |

Family Room
Garage
Kitchen
Cancel

Family Room ▼

Current 73°

68

± 2°

Humidity 31%

Add a Schedule
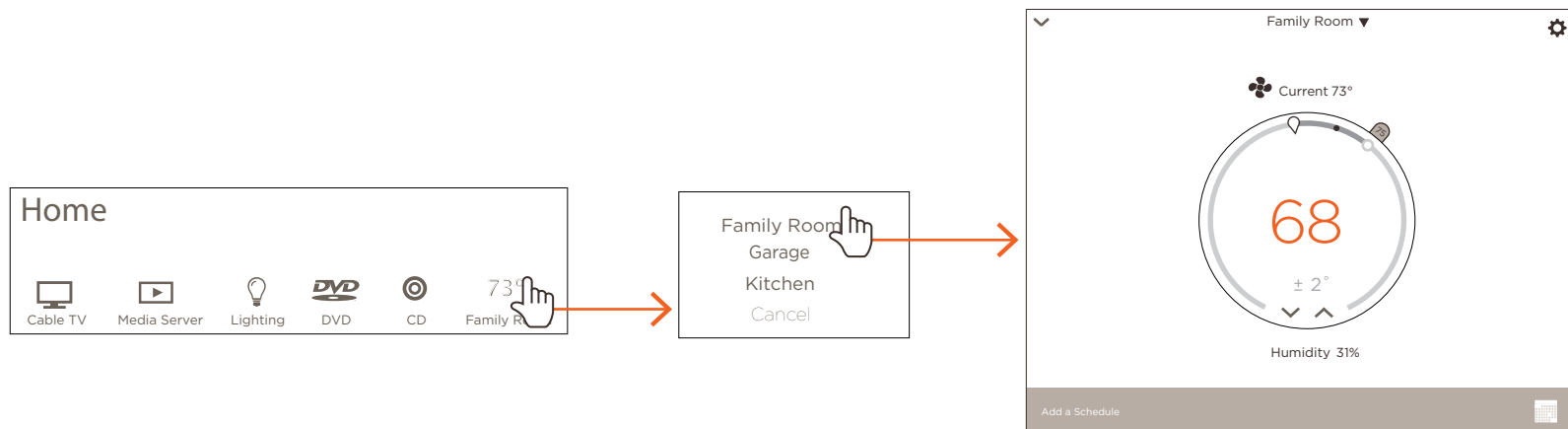
2. HVAC Service Thermostat Main Screen

The image shown to the right is the HVAC Service thermostat screen that opens for each room that contains a thermostat. A short description of the various icons and functions from this screen are described below.

A — **Room Selector** - This function is only available when more than one thermostat is configured. Select to switch between rooms that contain a thermostat. To switch between rooms, do the following:

1. Select the room selector icon.
2. In the Climate DISTRIBUTION screen that opens, select the room to open the thermostat's main screen for the selected room.

B — **Fan Indicator** - When the fan icon appears, the fan in the HVAC system is running. No fan icon indicates the fan is not running.

C — **Heat/Cool Set Point Adjusters** – Select and drag the heat or cool set point adjuster around the dial to the desired heat and cool set point. When the temperature rises above or falls below one of the settings, the thermostat calls for heat or cooling.

> ⓘ **HELPFUL!** The image to the right shows a dual set point thermostat. On single set point thermostats, a feature labeled Auto Range is available on the CLI-W200 and CLI-W210 thermostats. For more information on how this feature is configured and how it operates, see the Auto Range section.

D — **Set Point Adjuster** - These arrows are a second method for increasing or decreasing the heat and cool set points. Tap the arrows to raise and lower the heat or cool set points. To adjust the heat set point, ensure the heat set point adjuster is selected (center number is orange). To adjust the cool set point, ensure the cool set point adjuster is selected (center number is blue).

E — **Humidity and Outside Temperature** - When humidity is monitored, the humidity in the room is shown. When an outdoor temperature sensor is installed, the humidity and temperature alternately flash to the screen.

F — **HVAC Mode Selector** - Select to open the HVAC mode screen. The mode of the HVAC system (Off, Auto, Cool, Heat), the mode of the Fan (On, Auto), and the humidity set point are set in this screen.

G — **Current Temperature Indicators** - Displays the current temperature in the room.

> ⓘ **HELPFUL!** The temperature presented is determined by the number of sensors installed in the system and how they are configured. For example, with two sensors configured, the temperature shown can be the maximum, minimum, or average of the two sensors. For instructions on configuring the sensors to the specific thermostat refer to the Multistat Smart Thermostat Deployment and User Guide available on both the Savant Community and Savant Store.

H — **Set Point** - Displays the set point of the set point adjuster selected. When the heat set point adjuster is moved around the dial, the heat set point is displayed here. When the cool set point adjuster is being moved, the cool set point is displayed here. On dual set point thermostats, when the set point shown is orange, the heat set point is being adjusted. When the set point shown is blue, the cool set point is being adjusted. Click and hold the set point to access the Hold feature. See Hold Feature section for more information.

I — **Comfort Band Setting** - When the CLI-W200/W210 thermostats are configured as a single set point thermostat, a comfort zone can be set. Refer to the Auto Range section for more information.

J — **Set a Schedule Bar** – Select this bar to start the process of creating a schedule. See the Creating a Schedule - Example section for more info.
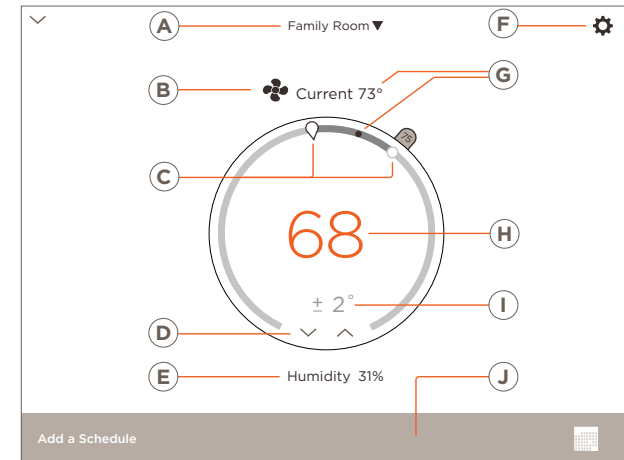
3. Creating a Schedule - Example

From within the Pro App HVAC service, a user can program and save schedules that will instruct the thermostat to maintain certain temperatures at different times of the day, week, and year. Below is an example on how to create and save a schedule from within the HVAC service.

3.1. Open the Scheduler

1. From within the HVAC service thermostat screen, select the **Set a Schedule** button located at the bottom of the screen.

2. Select the Add (**+**) ICON from the SCHEDULE screen that opens.
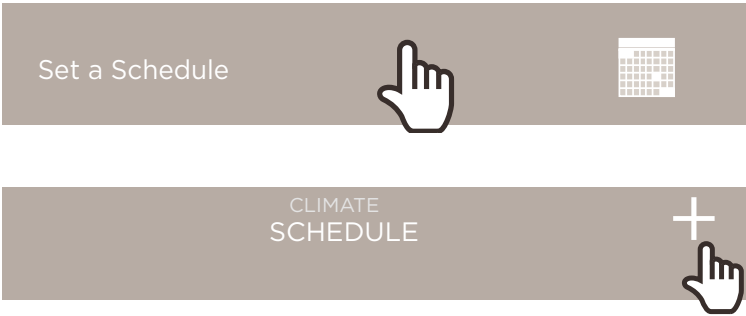
3.2. Configure the SETTINGS screen

3. Use the descriptions below for reference and set each of the fields from the schedule's SETTINGS screen. See image to the right.

Name	Enter a name that identifies the schedule being created.	
All Year	✓	The schedule being created will be followed all year as long as another schedule doesn't override it.
	◯	When unchecked, a start and an end date field will appear. Add a starting and ending date to the thermostat that will follow the schedule. Use this function when going on vacation or similar.
Days	Set the days of the week the schedule will run. The Everyday option indicates every day of the week (Sunday-Saturday).	
Thermostats	A screen that contains all the rooms where a thermostat is installed will open. Select each room that contains a thermostat that will follow the schedule being created. **NOTE:** When adding more than one thermostat to a schedule, all thermostats must: – Share the same mode. The modes enabled by the installer/integrator during system configuration must match (e.g. Heat, Cool, and Humidity modes in the HVAC data table must all match). – Thermostats must all be either single or dual set point type thermostats.	
Mode	Set the HVAC Mode (cool, heat, auto). The Mode selected must support all the thermostats selected in the Thermostats field above.	

4. Select **DONE** when complete.

3.3. Add Temperature Range to a Schedule

After completing section 3.2 above, the SCHEDULE screen for the schedule being created automatically opens. Within this screen, the temperature -vs- time of day can be set. The example in the instructions below adhere to the following bullets.

–   From 6:00 AM until 11:00 PM, set the temperature to stay between 68° and 72°F.

–   From 11:00 PM until 6:00 AM, set the temperature to stay between 60° and 65°F.

Note: It is up to the user to make the necessary adjustments to time and set point temperature for their own setup. The steps below are for example only.

1.   From the Schedule screen that is open, select the Add (**+**) icon to open a set point dialog card.

2.   Configure the first set point card by first selecting the disclosure triangle associated with the time.

3.   Modify the time wheel to read 6:00 AM. See image to the right.

4.   Select the disclosure triangle again to close the time wheel screen.

5.   Using the up/down arrows, set the temperature range for the time period beginning at 6:00 AM set in the previous step.

To set the temperature range that starts at 11:00 PM, a second temperature set point dialog card must be created. Follow the steps below to create the second card.

6.   Select the Add (+) icon as described in step 1 above.

7.   Select the disclosure triangle associated with the time. See image to the right.

8.   Modify the time wheel to read 11:00 PM. See image to the right.

9.   Select disclosure triangle to close the time wheel screen.

HELPFUL! The steps in this section configure a dual set point type thermostat. The process of configuring a dual set point -vs- a single set point is mostly the same. The difference is a single set point only requires one set point whereas a dual set point thermostat requires a range to be set.

Disclosure Triangle

Set Time

Set the temperature range using the up/down arrows.

Disclosure Triangle

Set Time
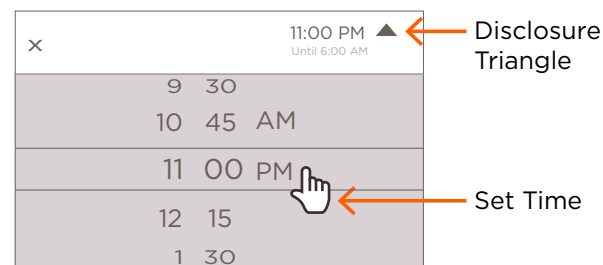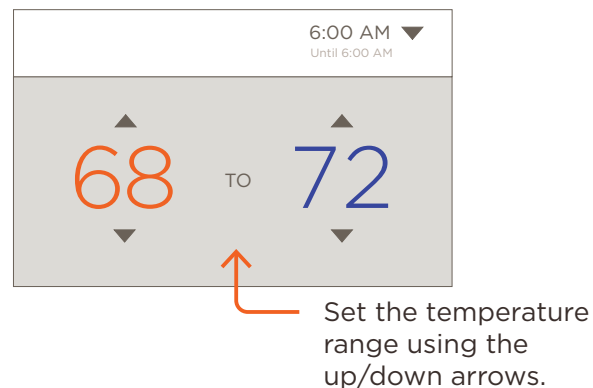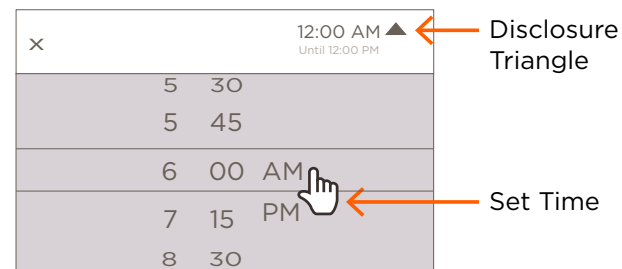
10. Using the up/down arrows, set the temperature range for the time period beginning at 11:00 PM set in the previous step.

11. Select **SAVE** when complete. The new schedule will now be available for use. To enable add a check to the radio button associated with the schedule just created.

12. To view the completed schedule, from this same page, select the schedule. This will open the schedule along with all set point dialog cards. The next section shows the completed schedule and offers a description of the various aspects of the schedule.
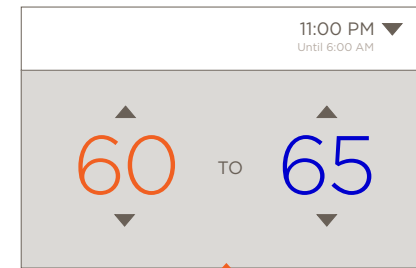

Set the temperature range using the up/down arrows.

The schedule created in the previous few sections will appear like the following:

Understanding the Schedule Screen

– The numbers along the bottom indicate the Time Of Day. The 12 at the beginning and 12 at the end are both 12:00AM. The 12 in the middle is 12:00PM.

– The temperature bars give a user a quick view of the schedule. The bars move up and down as the temperature range settings are modified.

– The temperature range 68° to 72°F begins at 6:00AM and stops at 10:59 PM. At 11:00PM, the temperature range changes to between 60° and 65°F and remains until 5:59AM the next morning where the cycle begins again.

– A current time indicator (☼)icon displays the time of day.

– The Edit button at the top left opens the SETTINGS page to let the user modify when the schedule will be triggered.
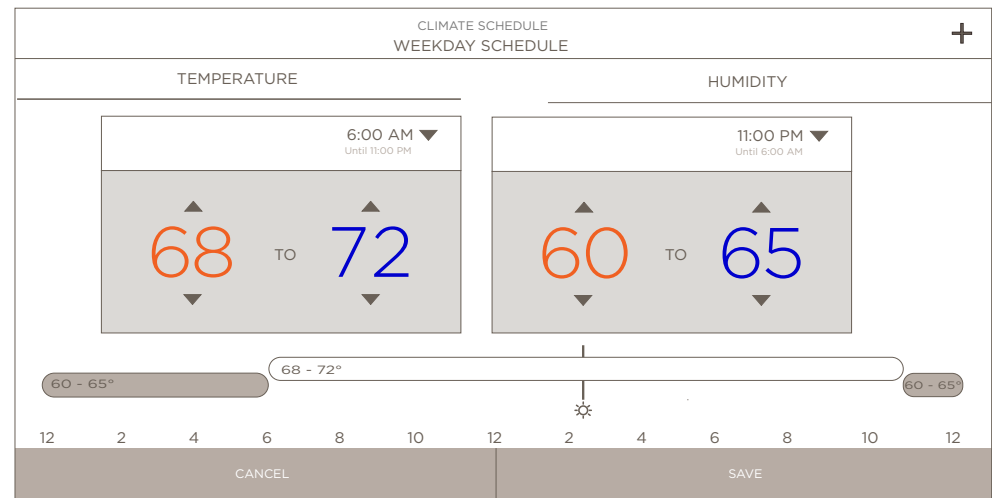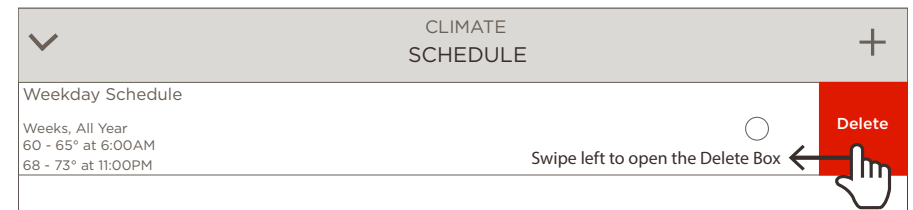

3.4. Add Humidity to the Schedule

To add humidity to a schedule, from the schedule screen ·(see image above), select the HUMIDITY tab. Adding humidity to a schedule is similar to how temperature is added to a schedule. See section 3.3 above for reference.

3.5. Delete a Schedule

To delete a schedule, do the following:

1. From the main HVAC screen, select the **Set a Schedule** button.
2. From the SCHEDULE screen, swipe left on any existing schedule. Refer to image to the right.
3. Select **Delete**.

CLIMATE
SCHEDULE

Weekday Schedule

Weeks, All Year
60 - 65° at 6:00AM
68 - 73° at 11:00PM

Swipe left to open the Delete Box

Delete

4. Additional Functions

4.1. AUTO RANGE

A comfort band can be configured that can maintain a range of temperatures. This function and how it works is described below.

⚠ IMPORTANT!

- Available on the Multistat Smart Thermostat only.
- HVAC mode must be set to AUTO (Can be set in either the thermostat or the Savant Pro App).
- Adjustments to the comfort band are made from either the HVAC Service in the Savant Pro App or from the front panel of the thermostat.
- The process below assumes a set point for the thermostat is already set. In the example below, the set point was set to 72°.

How to set the Comfort Band

- On the CLI-W200/W210 thermostat touch screen, select the **HVAC Mode Icon**. This opens the SETTINGS screen.
- Set the HVAC Mode to **AUTO**.
- Scroll down to the Auto Screen field and using the up/down arrows, set the AUTO RANGE (Comfort Band). The number selected sets the temperature range for the room.

ⓘ HELPFUL! There is a few second delay between setting the thermostat and the changes being transferred to the HVAC service in the Pro App.

Example:

1. On thermostat, adjust the set point to 72°.
2. On thermostat, set Auto Range to +/- 2°

How It Works

- With Auto Range set to +/-2°, the Comfort Band range will be from 70° to 74°F. See image to right.
- When the temperature in the room rises 1.0° above the upper threshold (75°), a cool cycle is triggered and remains on until the temperature falls back below that upper threshold.
- When the temperature in the room falls 1.0° below the lower threshold (69°), a heating cycle is triggered and remains on until the temperature rises back above the lower threshold.

This operation continues to keep the temperature within the Comfort Band range set.

Current 71°

72

± 2°

Comfort Band
(70° to 74°)

Humidity 31%
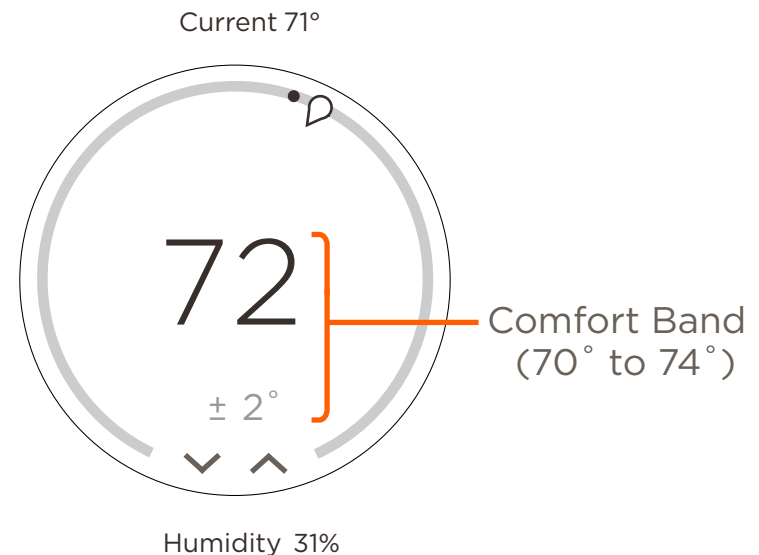
4.2. HVAC System Running Indicator

When the HVAC system is running, the HVAC service in the Savant Pro App indicates whether the system is supplying heating or cooling.

HVAC System Supplying Heat

When the HVAC system is running and heating a home, the background color on the screen of the HVAC service switches to orange. Orange indicates the thermostat is executing a call for heating.
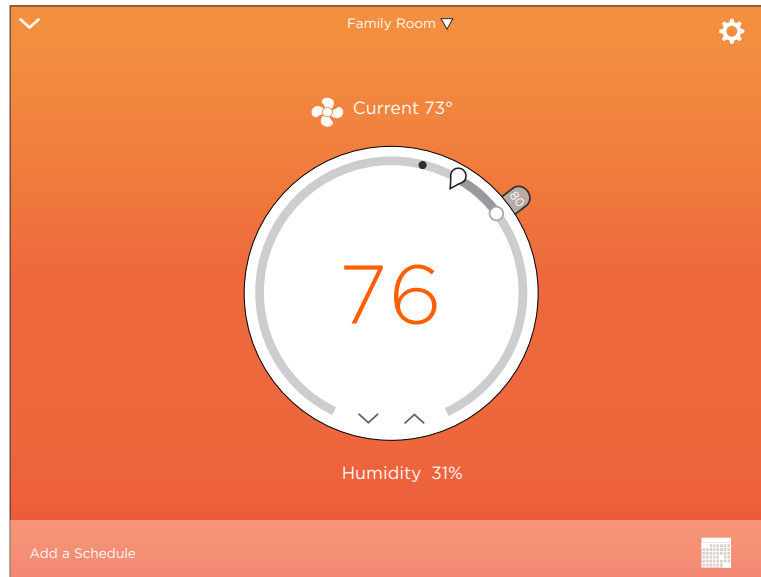
### HVAC System Supplying Heat

When the HVAC system is running and cooling a home, the background color on the screen of the HVAC service switches to blue. Blue indicates the thermostat is executing a call for cooling.
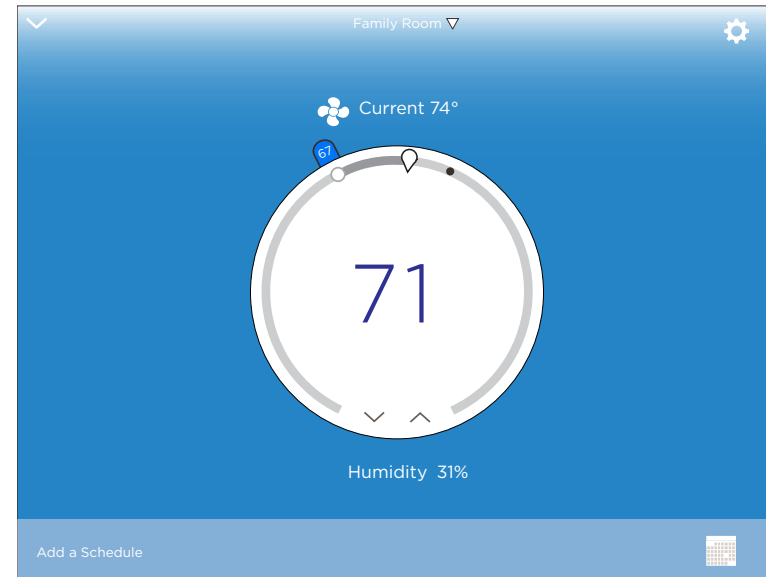
4.3. Hold Feature

The thermostat can be set to Hold by tapping and holding on the Current Temperature within the widget. A Hold can be set to 1, 2, 3, or 4 hours; or be configured to never expire. While a Hold is active, it will prevent the HVAC Schedule from updating Heat and Cool Set Points. When a Hold does expire, or is manually turned off, the current schedule will be resumed.

NOTE: The hold feature is only accessible when there is an active schedule.

Tap and Hold
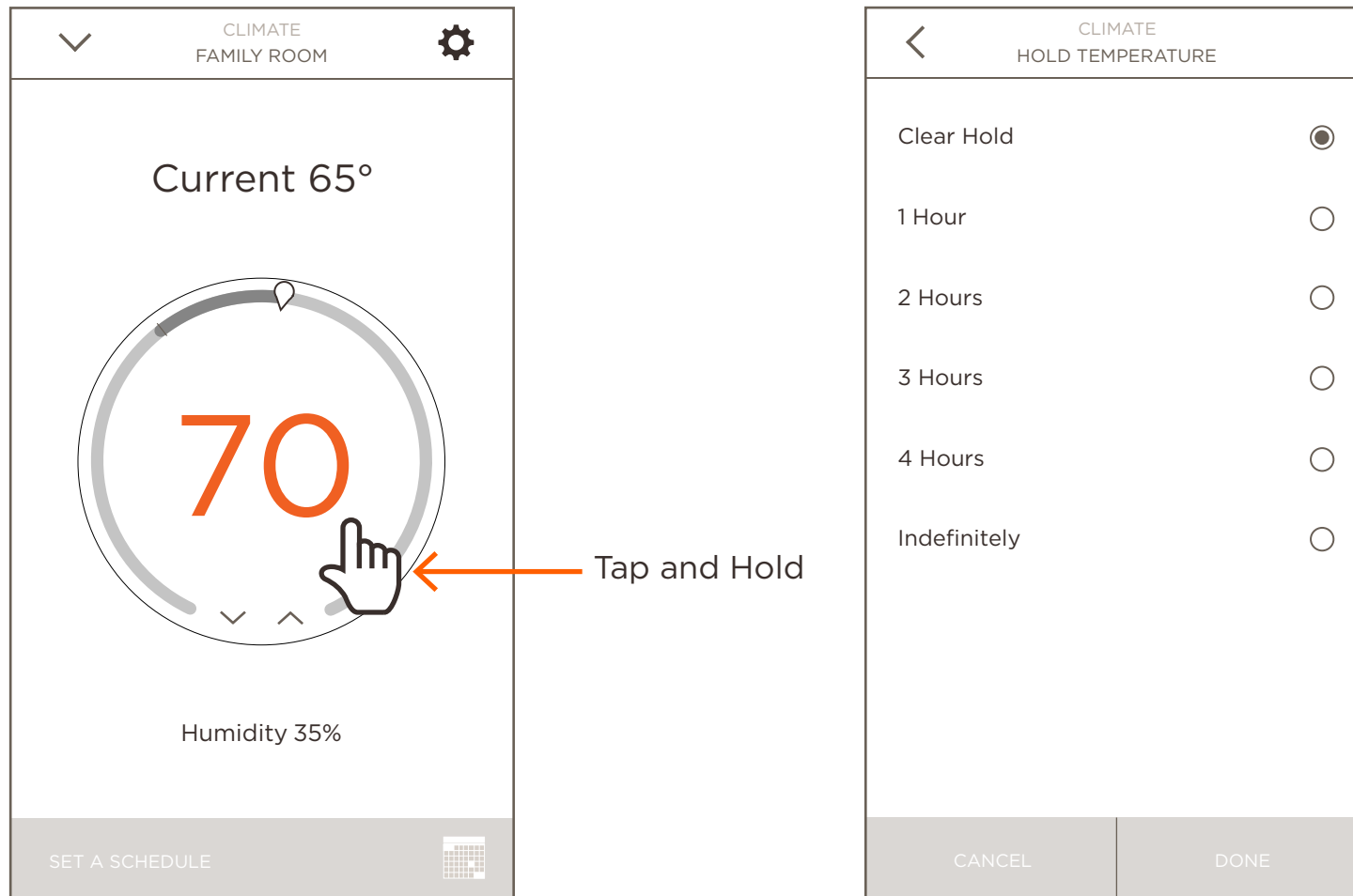
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