



Sensi Touch Smart WiFi Thermostat Manual

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Models: 1F95U-42WF, ST75

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BUTTONS AND ICONS



1. Menu

Access thermostat configurations. (See page 5 for more details).

2. **Current room temperature**

The room temperature at the thermostat.

3. **Up arrow**

Adjusts the temperature set point or thermostat configuration.

4. **Current set temperature**

Current set temperature the thermostat will maintain.

5. **Down arrow**

Adjusts the temperature set point or thermostat configuration.

6. **Fan**

Switches fan mode from Auto or On. Leave the fan mode on Auto to allow the thermostat to control the fan as necessary.

7. **Humidity**

Displays current humidity

8. **Mode**

Switches system mode between Heat, Cool, Off, Aux or Auto.

9. **Time**

Displays current time.

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BASIC FUNCTIONALITY

Switching system mode

Press the mode button (see buttons and icons) to switch between all available system mode settings. When the mode is “Off” the thermostat will not bring on your heating or cooling systems.



Fan mode

If you want to circulate the indoor blower, you can switch fan mode to “On.” Turn the fan back to “Auto” when you want the thermostat to control your indoor blower as necessary. Leaving the fan in “On” will run your blower continuously.

Holding one temperature

If you want to hold one temperature, turn Schedule “Off.” Then, adjust the set point using the up and down arrow buttons. The thermostat will hold this temperature, in the set system mode, until you turn Schedule back “On” or until you adjust the set point again using the up and down arrow buttons.

Temporary hold

When your Schedule is “On,” your Sensi thermostat controls your home based on the time and temperature settings in the current schedule. To temporarily change your temperature, use the up and down arrows in the app or on the thermostat. Your Sensi thermostat will display the time it will hold for next to the set temperature. It will

hold your new temperature until the next scheduled set point with a minimum hold time of two hours.



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MENU SETTINGS

Menu settings

You can access several settings and options about your thermostat in the menu.



Note: The “Time Setup” sub menu will only be available when Wi-Fi is turned “off.”

SLEEP MODE

You have the option to display the room temperature even when the Sensi Touch screen goes to sleep. Simply toggle your selection from this menu.

NIGHTLIGHT

This light can be used to help you see your wiring and terminals when installing the thermostat on the wall. The switch is on the thermostat base. Be sure to turn the light to “off” before snapping the thermostat face to the base.

After installation, you have the option to toggle the nightlight on and off from the thermostat menu to help light the area near the thermostat.

Note: The nightlight switch on the thermostat base must be in the “off” position for this feature to work via the thermostat menu.

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MENU SETTINGS

HOME SCREEN CONTENT

Toggle what you want to see on the display from this menu. You can display the current time, humidity or change from Fahrenheit to Celsius.

WI-FI

The Sensi app will instruct you how to connect Sensi to Wi-Fi, and you will use the “Set up a new network” for this. You can also turn Wi-Fi on or off at any time.



TURN WI-FI OFF

If connecting to Wi-Fi is not an option, you can turn off Wi-Fi on the thermostat and manually set a time and a schedule from the unit.

- Press Menu.
- Press Wi-Fi.
- Toggle Wi-Fi “Off.”
- Press the back arrow to return to the main screen.



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MENU SETTINGS

Schedule

If your Sensi Touch is connected to Wi-Fi, the schedule is programmed based on time and temperature set points from the Sensi app. If you are not connected to Wi-Fi, you can set a basic schedule with 4 points from the unit.



Setting a schedule on the unit

- Turn Wi-Fi “Off.” (See page X.)
- Go back to the main menu options.
- Select “Schedule.”

- Make sure “Schedule” is toggled “On.”
- Select which day grouping you want to edit: weekdays or weekend.
- Select which set point you want to edit.
- Adjust the set point using the up and down arrows.
- “Save” when you have the set point to your desired time and temperature.
- Use the arrow in the upper left hand corner to return to the set points.
- Continue to edit the set points as you desire.
- Use the arrow in the upper left hand corner to return to “Schedule” screen.



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MENU SETTINGS

Time setup

If you have Wi-Fi turned “Off” you will be able to set the date and time on the thermostat. If you’re going to connect Sensi to Wi-Fi, the date and time will be automatically generated based on your time zone.



- Select the date or time to edit them.
- Adjust the date or time using the up and down arrow buttons.
- Press “Save” when you’re done.
- Use the arrow in the upper left hand corner to return to the previous screen.



About thermostat

This menu displays a quick glance at your thermostat information. It includes your model number, MAC ID

(uniquely identifies your thermostat), build date, firmware version, technical support contact information, and a factory reset button.

Pressing the factory reset button will change all settings back to default (except for the HVAC Equipment settings) and clear any Home Kit pairing so someone else can connect the Sensi Touch to Wi-Fi.



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INSTALLATION

Set up HVAC equipment

This allows you to change a series of settings to customize the thermostat for your specific system. Refer to the chart below for a complete listing of thermostat configurations and what they stand for. If you are installing the thermostat on the wall for the first time, we highly recommend that you download the Sensi app and follow the installation instructions.

Menu item	Options	
Outdoor Equipment Configuration	AC1	Conventional Cooling 1 (Single Stage)
	AC2	Conventional Cooling 2 (Two-Stage)
	HP1	Heat Pump 1 (Single Stage)
	HP2	Heat Pump 2 (Two-Stage)
	ACO	No Cooling
<i>*If you have a heat pump, you'll most likely have a wire in O/B.</i> <i>**If you have two stages, you'll have a wire in Y2.</i>		

Indoor Equipment Configuration For Gas or Electric Heat	GA 1	Gas, oil, propane furnaces or boilers (Single Stage)
	GA 2	Gas, oil, propane furnaces or boilers (Two Stage)
	EL1	Electric furnaces (Single Stage)
	EL2	Electric furnaces (Two-Stage)
	FAN	No Heating
<i>*If you have two stages, you'll have a wire in W2.</i>		

Reversing Valve Position	O	Heat pump – O/B is always energized in Cool.
<i>*If you've installed your Sensi Touch to a heat pump, and your system is producing warm air in "Cool" and cool air in "Heat," you may need to change your Reversing valve position to either O or B.</i> <i>**There must be a wire in the O/B terminal for this configuration to affect your HVAC system. If there is no wire in the O/B terminal, simply leave the default setting as "O."</i>	B	Heat pump – O/B is always energized in Heat.
	6	Zone valve setting.

INSTALLATION

Wiring terminals

TERMINAL OUTPUTS AND WIRING DIAGRAMS

TERMINAL LABEL	DEFINITION
RH*	Power for heating, 24V
RC*	Power for cooling, 24V
C**	Common wire, 24V
G	Indoor blower (fan)
Y	First outdoor stage cooling on conventional systems or first heat and cool on heat pump systems
Y2	Second outdoor stage cooling on conventional systems or second heat and cool on two stage heat pump systems
W/E	First indoor stage heat on conventional systems or first stage auxiliary/emergency heat on heat pump systems
W2	Second indoor stage heat on conventional systems or second stage auxiliary/emergency heat on heat pump systems
O/B	Changeover (reversing valve) connection for heat pump or zone panel systems

Does wire color correspond to the thermostat terminals?

Wire color does not always correspond to the thermostat letters. A white wire may be attached to the “W” terminal on the old thermostat, or it may be attached to a different terminal with a different letter. Be sure to take a photo of the old thermostat that shows the wire colors and terminal letters before labeling and removing any wires.

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INSTALLATION

Thermostat base



1. Nightlight switch

Switching this “On” illuminates the thermostat base. Make sure you switch this to “Off” after installation so you can still operate this feature from the thermostat display.

2. RH/RC jumper

Only clip this if you have separate RH and RC wires coming out of the wall. This indicates a two-transformer system.

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