Comfort365

The Comfort365 is a touch screen programmable thermostat that controls heating, cooling and airflow. The thermostat monitors the upstairs temperature sensor and automatically adjusts the upstairs and downstairs airflow to provide uniform comfort.

The thermostat is WiFi enabled and allows you to operate your thermostat remotely using your smartphone, tablet, laptop or PC.

The energy saving nighttime option uses the upstairs temperature sensor to control heating and cooling calls and increases the upstairs airflow.
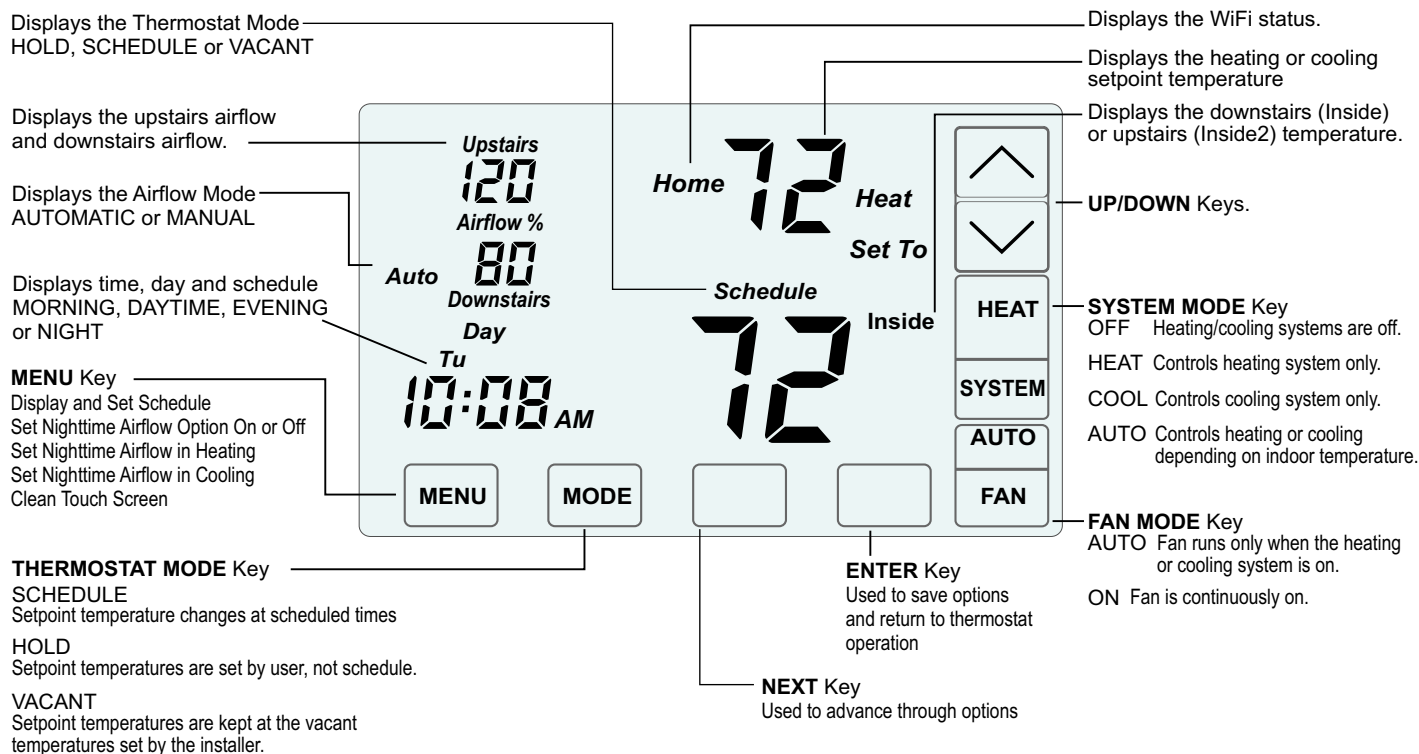
The user can manually adjust the airflow on occasions when more airflow is needed upstairs or downstairs.
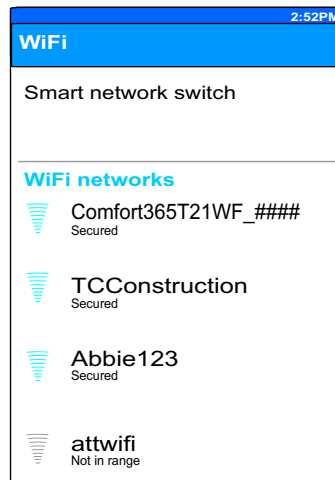
User Options and Settings

Quick Reference

Displays the Thermostat Mode HOLD, SCHEDULE or VACANT

Displays the upstairs airflow and downstairs airflow.

Displays the Airflow Mode AUTOMATIC or MANUAL

Displays time, day and schedule MORNING, DAYTIME, EVENING or NIGHT

MENU Key
Display and Set Schedule
Set Nighttime Airflow Option On or Off
Set Nighttime Airflow in Heating
Set Nighttime Airflow in Cooling
Clean Touch Screen

THERMOSTAT MODE Key
SCHEDULE
Setpoint temperature changes at scheduled times
HOLD
Setpoint temperatures are set by user, not schedule.
VACANT
Setpoint temperatures are kept at the vacant temperatures set by the installer.

Displays the WiFi status.

Displays the heating or cooling setpoint temperature

Displays the downstairs (Inside) or upstairs (Inside2) temperature.

UP/DOWN Keys.

SYSTEM MODE Key
OFF   Heating/cooling systems are off.
HEAT Controls heating system only.
COOL Controls cooling system only.
AUTO Controls heating or cooling depending on indoor temperature.

FAN MODE Key
AUTO Fan runs only when the heating or cooling system is on.
ON Fan is continuously on.

ENTER Key
Used to save options and return to thermostat operation

NEXT Key
Used to advance through options

Setting Up WiFi Connection

On your smart phone or personal computer, access WiFi settings to connect to Comfort365T21WF_#### with #### being a random 4 digit number
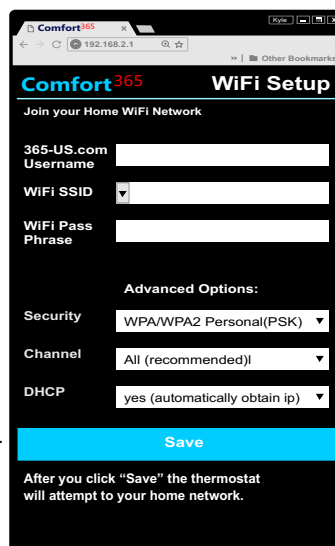
2:52PM

WiFi

Smart network switch

WiFi networks

Comfort365T21WF_####
Secured

TCConstruction
Secured

Abbie123
Secured

attwifi
Not in range

1. Connecting To Home Network

With your phone WiFi on, go to your web browser and type in the thermostat address where you would normally type a website address.

192.168.8.2

This screen will appear.

❗ If you are having trouble connecting, disconnect your smart phone or computer WiFi. Repeat *Start Linking The WiFi Thermostat*.

Comfort365   **WiFi Setup**

Kyle

192.168.2.1

Other Bookmarks

Comfort365   **WiFi Setup**
Join your Home WiFi Network

365-US.com Username

WiFi SSID

WiFi Pass Phrase

Advanced Options:

Security   WPA/WPA2 Personal(PSK)

Channel   All (recommended)l

DHCP   yes (automatically obtain ip)

Save

After you click "Save" the thermostat will attempt to your home network.

2. Enter User Name

In the "**365-US.com**" box, enter the Username entered during Account Set Up.

Comfort365   **WiFi Setup**
Join your Home WiFi Network

365-US.com Username   ABCD

WiFi SSID

WiFi Pass Phrase

Advanced Options:

Security   WPA/WPA2 Personal(PSK)

Channel   All (recommended)l

DHCP   yes (automatically obtain ip)

Save

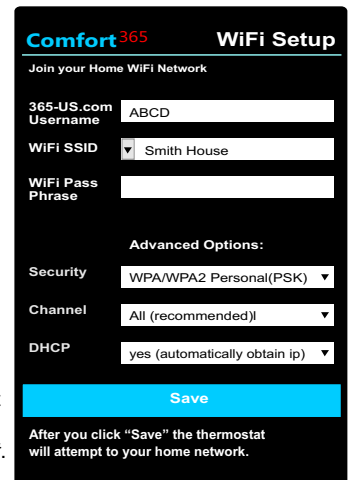After you click "Save" the thermostat will attempt to your home network.
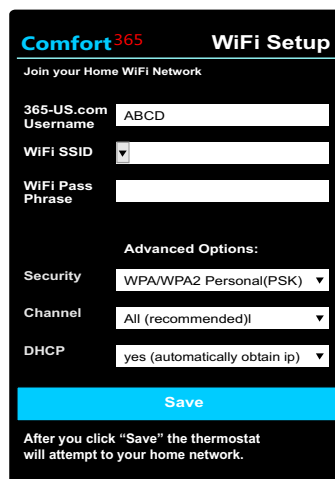
3. Select WiFi Network / WiFi Pass Phrase

Use the pull down menu in the "**WiFi SSID**" box to select your home network from the list of networks that are within range.

Or you can type your home network in the "**WiFi SSID**" box,

If your WiFi network requires a pass phrase, enter the pass phrase in the "**WiFi Pass Phrase**" box.

❗ If you are having trouble connecting, disconnect your smart phone or computer WiFi. Repeat *Start Linking The WiFi Thermostat*.

Comfort365   **WiFi Setup**
Join your Home WiFi Network

365-US.com Username   ABCD

WiFi SSID   Smith House

WiFi Pass Phrase

Advanced Options:

Security   WPA/WPA2 Personal(PSK)

Channel   All (recommended)l

DHCP   yes (automatically obtain ip)

Save

After you click "Save" the thermostat will attempt to your home network.
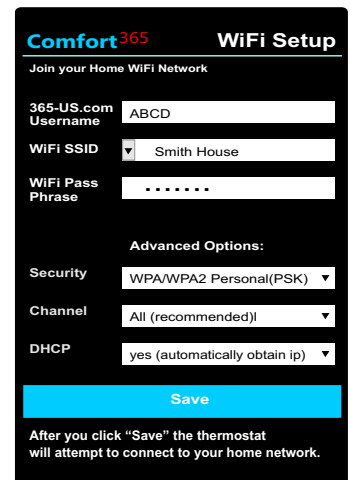
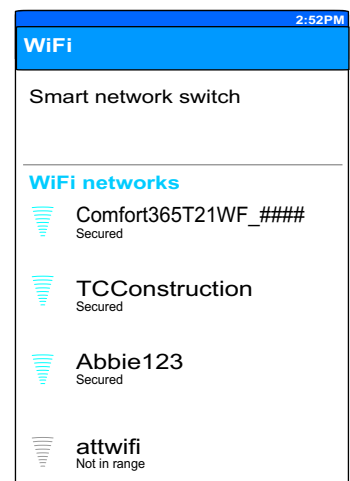## 4. Advanced Options / Save WiFi Settings

Use Advanced Options only if your network requires advanced settings.

Touch **Save** and the thermostat will attempt to connect to your home network.

Once connected Home on your thermostat will be displayed continuously.

Comfort365   **WiFi Setup**
Join your Home WiFi Network

365-US.com Username   ABCD

WiFi SSID   Smith House

WiFi Pass Phrase   ....

Advanced Options:

Security   WPA/WPA2 Personal(PSK)

Channel   All (recommended)l

DHCP   yes (automatically obtain ip)

Save

After you click "Save" the thermostat will attempt to connect to your home network.

On your smart phone or personal computer, access WiFi settings to reconnect to your home network.

2:52PM

WiFi

Smart network switch

WiFi networks

Comfort365T21WF_####
Secured

TCConstruction
Secured

Abbie123
Secured

attwifi
Not in range

The following instructions will guide you through setting up your Comfort365 for remote access using your home network.

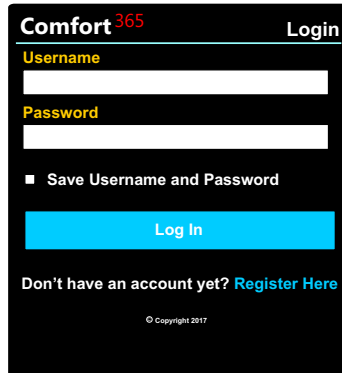User options and settings are outlined on pages 4-8.

Setting Up Your WiFi Access

Set Up Comfort365 WiFi Account

To set up your account, use your web browser and enter
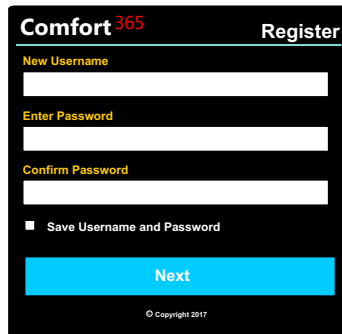
www.365-US.com

Select **Register Here** to set up your account.

Comfort 365   **Login**

Username
[   ]

Password
[   ]

☐ Save Username and Password

[Log In   ]

Don't have an account yet? **Register Here**

© Copyright 2017

Enter your Username and Password (password is case sensitive). Confirm Password. Be sure to record the Username and Password in a safe place for future reference.

Select **Save Username and Password** to save the information for easy login next time.
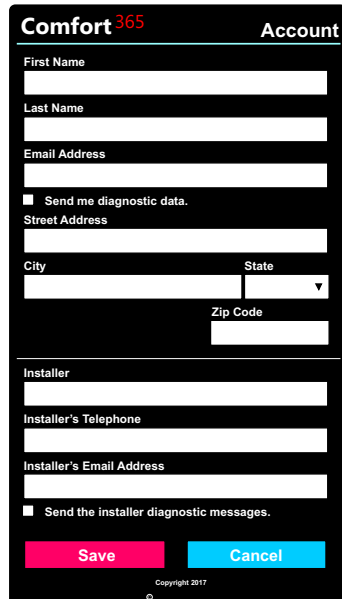
Touch **Next.**

Comfort 365   **Register**

New Username
[   ]

Enter Password
[   ]

Confirm Password
[   ]

☐ Save Username and Password

[Next   ]

© Copyright 2017

Account information is optional but recommended.

Your account data will not be provided to any outside parties.

Touch **Save** after entering account information.

Comfort 365   **Account**

First Name
[   ]

Last Name
[   ]

Email Address
[   ]
☐ Send me diagnostic data.

Street Address
[   ]

City   State
[   ]   [▼]

                    Zip Code
                    [   ]

Installer
[   ]

Installer's Telephone
[   ]

Installer's Email Address
[   ]
☐ Send the installer diagnostic messages.

[Save   ]   [Cancel   ]

Copyright 2017
©

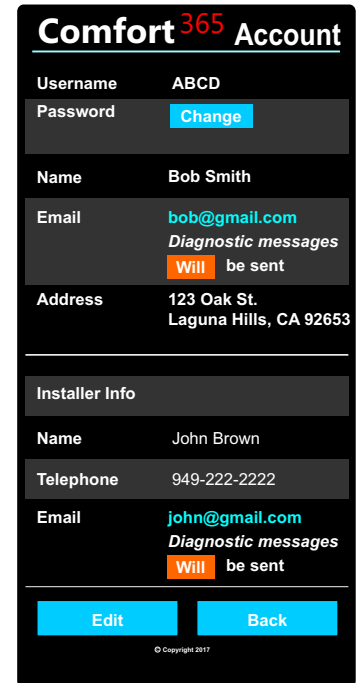## Set Up Comfort365 WiFi Account (cont.)

The Account page is displayed.

If you need to edit information, touch **Edit**

If no changes are needed, touch **Back** and return to the Home page.

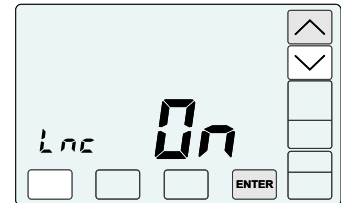Your Comfort365 WiFi Account is now set up. Close your browser and proceed with the linking process.

Comfort 365 **Account**

Username	ABCD
Password	[Change]
Name	Bob Smith
Email	bob@gmail.com
	Diagnostic messages
	Will be sent
Address	123 Oak St.
	Laguna Hills, CA 92653

Installer Info

Name	John Brown
Telephone	949-222-2222
Email	john@gmail.com
	Diagnostic messages
	Will be sent

[Edit   ]   [Back   ]

© Copyright 2017

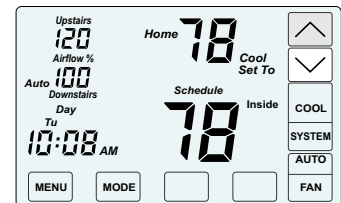## Start Linking the WiFi Thermostat

This option enables the linking of the C365T21WF to the home's WiFi network using any smart device.

Touch the **UP** key to select On to start the linking sequence.

Touch the **ENTER** key to save the options and return to initiate the linking sequence.

Lnc On
ENTER

During the linking sequence "Home" will blink to indicate the thermostat is trying to link with the home router. Once the thermostat has linked with the home router and the Comfort365 cloud, "Home" will be displayed continuously.

Upstairs 120 *Airflow %* Auto 100 *Downstairs* *Home* **78** *Cool Set To*
Day *Tu* 10:08 AM *Schedule* **78** *Inside*
COOL SYSTEM AUTO FAN
MENU MODE

Remote Thermostat Access

To access your thermostat remotely, use your web browser and enter

www.365-US.com

Enter your Username and Password if not displayed (username and password are case sensitive). Select **Save Username and Password** to save the information for easy log in next time.

Touch **Log In** to access your thermostat.

Comfort 365   **Login**

Username

Password

☐   Save Username and Password

Log In

Don't have an account yet? **Register Here**

© Copyright 2017

Accessing Thermostat

The Home page allows you to view and change settings for your thermostat remotely

Touch the icon 🌡 to view or change thermostat settings.

Or, touch **Account Info** to edit your account information.

Or, touch **Log Out** to return to the Log In page.

Comfort 365   **Home**

Welcome, User

My House

Temp: **64º F**

Mode: **Heating**

Cool: **83ºF**

Heat: **62ºF**

Model: **C365T21WF**

Account Info

Log Out

© Copyright 2017

View / Change Thermostat Settings

This page allows you to view and, set a number of options including:

View Living Temperature
View Bedrooms Temperature
View Equipment Status

Edit Nickname
Select System Mode
    Auto
    Heating
    Cooling
    Off

Select Thermostat Mode
    Schedule
    Hold/Manual
    Vacant

Select Fan Mode
    Auto (most commonly used)
    Continuous (On)

Adjust the Cooling Setpoint
Adjust the Heating Setpoint
Set the Sort Priority

Touch **Back** to return to the Home page.

Comfort 365   **Device**

Nickname	My House
Living Temperature	**64º F**
Bedrooms Temperature	**67º F**
Equipment Status	**Heating1**
System Mode	Heating ▼
Thermostat Mode	Schedule ▼
Fan Mode	Auto ▼
Cooling Setpoint	78º F
Heating Setpoint	68º F
Sort Priority	TBD

Back

© Copyright 2017

ⓘ Press the touchscreen with your fingertip only, using a firm touch. Do not use a sharp object such as a pen or pencil.

Set Time and Day

Touch here to change the time and day of the week.

CHANGE THE HOUR

Touch the **UP/DOWN** keys to change the HOUR. Touch **NEXT** to save the hour and go to change the minute.

CHANGE THE MINUTE

Touch the **UP/DOWN** keys to change the MINUTE. Touch **NEXT** to save the minute and go to change the day of the week.

CHANGE THE DAY OF THE WEEK

Touch the **UP/DOWN** keys to change the DAY OF THE WEEK.

Touch **ENTER** to save the day of the week and return to thermostat operation.

Set System Mode

Touch the **SYSTEM** key to display the SYSTEM MODES - OFF, HEAT, COOL, or AUTO. When HEAT is selected, the heating setpoint is displayed. When COOL is selected, the cooling setpoint is displayed. In AUTO or OFF, the setpoint for the last system call is displayed.

Touch and hold the **SYSTEM** key to select:

OFF   Heating and cooling systems are off.

HEAT   Only heating calls are enabled.

COOL   Only cooling calls are enabled.

AUTO   Heating or Cooling calls are enabled.

Set Fan Mode

Touch the **FAN** key to display the FAN MODES - AUTO or ON. AUTO is the most commonly used setting.
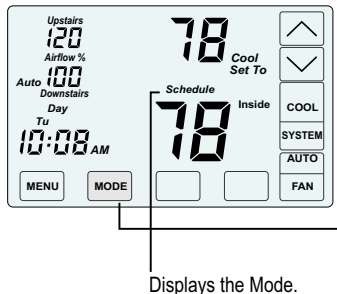

Touch **FAN** key to select:

AUTO   Fan is activated only during heating or cooling calls.

ON   Fan is continuously on.

4

Set Thermostat Mode

Touch the **MODE** key to display the THERMOSTAT MODES - SCHEDULE, HOLD and VACANT.

In SCHEDULE MODE, the setpoint temperature is automatically changed at the scheduled times as long as the SYSTEM MODE is in AUTO. In HOLD MODE, the thermostat uses the temperatures set by the user, ignoring the schedule. In VACANT MODE, the thermostat uses the energy saving Vacant heating and cooling setpoints set by the installer until the mode is changed.

Touch and hold the **MODE** key to select:

SCHEDULE
Setpoint temperatures are changed at scheduled times defined by the user.

HOLD
Setpoint temperatures are set by the user. No schedule is used.

VACANT
Setpoint temperatures are kept at the vacant temperatures set by the installer.

Displays the Mode.

Changing the Setpoint Temperature

The UP/DOWN keys are used to change the setpoint temperature.
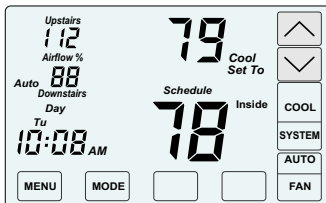
Touch the **UP** key to raise setpoint temperature.

Touch the **DOWN** key to lower setpoint temperature.

An active heating call is indicated by HEAT blinking. An active cooling call is indicated by COOL blinking.

To display the opposing system setpoint, touch the area shown below.
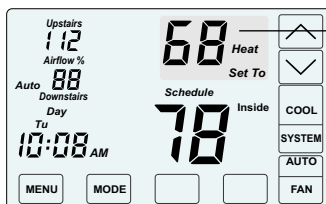
Touch here to display and change the opposing setpoint temperature.

Touch the **UP/DOWN** keys to change the setpoint temperature for the opposing system. The thermostat will return to displaying the active setpoint after about 30 seconds.

Temperature Override

If the thermostat is in SCHEDULE MODE, the setpoint temperature can be overridden using the UP/DOWN keys. The setpoint temperature will be held for 3 hours. After 3 hours the thermostat returns to normal operation.
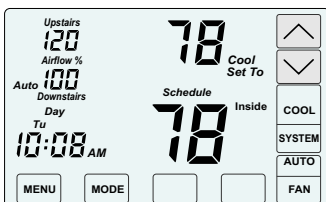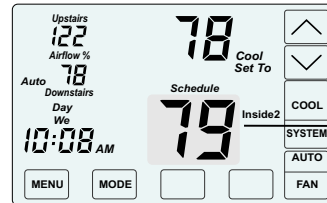
Touch the **UP/DOWN** keys to adjust the setpoint temperature.

After 3 hours, the thermostat returns to normal thermostat operation.

Displaying the Upstairs Temperature

The thermostat displays the downstairs temperature and is indicated by INSIDE. The upstairs temperature will be indicated by INSIDE2. In Night Mode, the thermostat displays the upstairs temperature, indicated by INSIDE2.

To display the upstairs temperature, touch the INSIDE temperature as indicated. The thermostat will now display the upstairs temperature, indicated by INSIDE2.

After about 30 seconds, the thermostat will return to displaying the downstairs temperature.

Overriding Automatic Airflow

In AUTOMATIC AIRFLOW MODE, the user can override the airflow to the upstairs and downstairs by pressing **AIRFLOW %** in the area shown and then use the **UP/DOWN** keys to adjust the airflow. After 3 hours, the thermostat returns to automatic operation. UPSTAIRS, AIRFLOW% and DOWNSTAIRS blink when in airflow override.
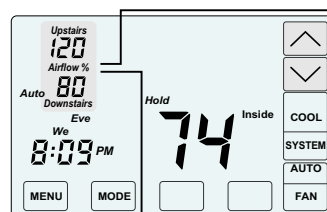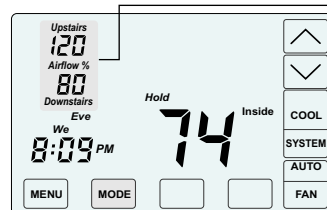
Touch **AIRFLOW%** as shown.

Touch the **UP** key to increase the upstairs airflow (the downstairs airflow will automatically decrease). Touch the **DOWN** key to increase downstairs airflow (the upstairs airflow will automatically decrease).

This area will blink when in airflow override.

The override range is defined by the installer during set up.

Terminating Airflow Override

AIRFLOW OVERRIDE can terminated by pressing **AIRFLOW %** in the area shown and then pressing the **Mode** key. The thermostat returns to automatic airflow control. The AIRFLOW % returns to the airflow prior to the override.

Touch **AIRFLOW%** as shown.

Touch the **MODE** key to terminate airflow override.

The thermostat returns to automatic airflow control. The AIRFLOW % returns to the airflow prior to the override.

User Options

● Set Schedule
● Selecting Manual or Auto Airflow
● Turning Nighttime Airflow Option On or Off
● Setting Nighttime Airflow in Heating
● Setting Nighttime Airflow in Cooling
● Cleaning the Touchscreen
● Turning WiFi On or Off
● Linking WiFi Thermostat

Factory Set Schedule

The thermostat comes pre-set with the following energy-saving schedule for weekdays (Monday-Friday) and weekends (Saturday-Sunday).Using these settings can reduce your heating/cooling expenses.

Monday through Friday	Time	Heat	Cool
Morn	6:00 AM	70	75
Day	8:00 AM	62	83
Even	6:00 PM	70	75
Nite	10:00 PM	62	78
Saturday and Sunday	Time	Heat	Cool
Morn	6:00 AM	70	75
Day	8:00 AM	62	83
Even	6:00 PM	70	75
Nite	10:00 PM	62	78

Change Factory Set Schedule

Touch the **MENU** key to display SCHEDULE. Here you will select either the weekday or weekend schedule to display or change.
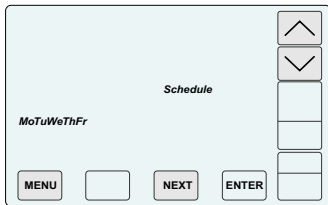
SELECTING THE WEEKDAY OR WEEKEND SCHEDULE

Touch the **UP** key to select the weekday schedule (MoTuWeThFr) or touch the **DOWN** key to select the weekend schedule (SaSu) and then touch **NEXT**.
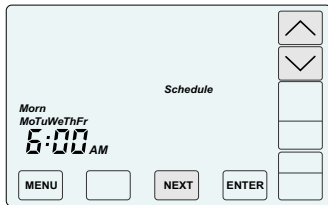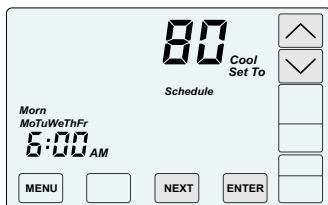
SETTING THE MORNING SCHEDULE START TIME.

Touch the **UP/DOWN** keys to change the Morning Schedule Start Time and then touch **NEXT**.
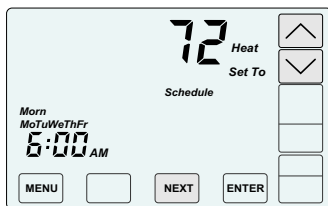
SETTING THE MORNING SCHEDULE HEATING TEMPERATURE.

Touch the **UP/DOWN** keys to change the Morning Schedule Heating Setpoint and then touch **NEXT**.

**SETTING THE MORNING SCHEDULE COOLING TEMPERATURE.**

Touch the **UP/DOWN** keys to change Morning Schedule Cooling Setpoint and then touch **NEXT**.

Continue setting the start times, heating setpoints, cooling setpoints for the Day, Evening and Night schedules.

Touch **ENTER** to save the schedules to the weekdays or the weekend.

Selecting Manual or Auto Airflow

This option is only displayed if your installer enabled Manual Airflow Control during installation. AUTOMATIC AIRFLOW is the default. In AUTOMATIC AIRFLOW CONTROL, the airflow is adjusted by the thermostat. In MANUAL AIRFLOW CONTROL, the user must adjust the airflow. The airflow range is defined by the installer during set up.
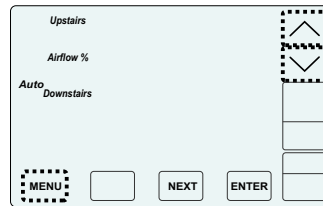
Touch the **MENU** key until the following thermostat screen is displayed.

Touch the **UP** key to select AUTO. Touch the **DOWN** key to select MANUAL.

Touch the **MENU** key to save and go to next option or touch the **ENTER** key to save the options.

Turning Nighttime Airflow Option On or Off

When bedrooms are located upstairs, the NIGHTTIME AIRFLOW option can be used to save energy. The thermostat uses the upstairs temperature sensor for controlling heating and cooling calls, as if the thermostat has been moved upstairs. The airflow downstairs is reduced and the upstairs airflow is increased.
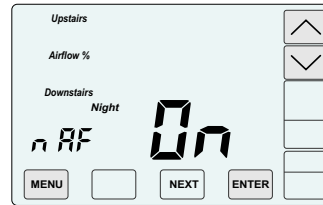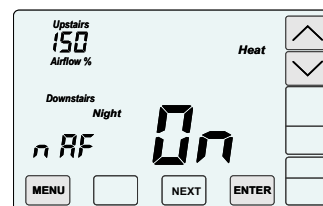
Touch the **MENU** key to display NIGHTTIME AIRFLOW option indicated by nAF On or Off.

Touch the **UP** key to turn the option ON. Touch the **DOWN** key to turn the option OFF.

Touch the **MENU** key to save and go to next option or touch the **ENTER** key to save the options.

Setting the Nighttime Airflow in Heating

This option enables the user to set the maximum allowable upstairs airflow in heating DURING NIGHTTIME OPERATION, not to exceed the installer set maximum allowable upstairs airflow in heating.
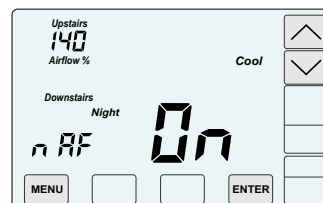
Touch the **MENU** key to display NIGHTTIME, UPSTAIRS AIRFLOW IN HEATING indicated by nAF Heat.

Touch the **UP/DOWN** keys to adjust the airflow.

Touch the **MENU** key to save and go to next option or touch the **ENTER** key to save the options.

Setting the Nighttime Airflow in Cooling

This option enables the user to set the maximum allowable upstairs airflow in cooling DURING NIGHTTIME OPERATION, not to exceed the installer set maximum allowable upstairs airflow in cooling.

Touch the **MENU** key to display NIGHTTIME, UPSTAIRS AIRFLOW IN COOLING indicated by nAF Cool.

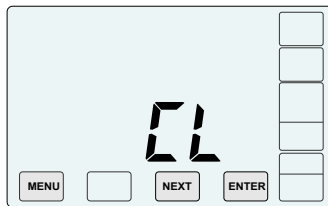Touch the **UP/DOWN** keys to adjust the airflow.

Touch the **MENU** key to save and go to next option or touch the **ENTER** key to save the options.

Cleaning the Touch Screen

This option disables the touch screen for 30 seconds to enable the user to clean the touch screen by wiping down with a soft, damp cloth.
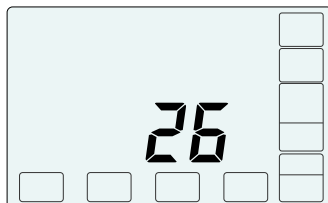
The CLEAN DISPLAY option indicated by CL. The timer will count down and return to normal thermostat operation after 30 seconds. The remaining time is displayed on the screen.

Touch the **MENU** key to display CLEAN DISPLAY option indicated by CL.
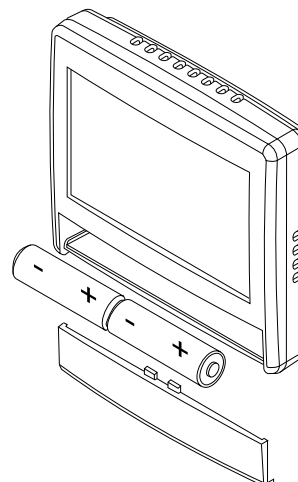
Press **ENTER** to start the 30 second count down. The touch screen is disabled during this time.

Or, press **NEXT** to return to normal thermostat operation

Turning WiFi On/Off

This option enables the user to turn WiFi access on or off at anytime.
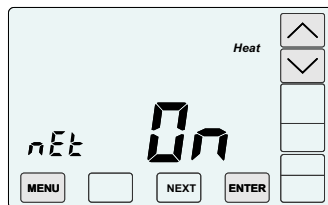
Touch the **UP/DOWN** keys to turn the WiFi on or off.

Touch the **MENU** key to go to next option or touch the **ENTER** key to save the options and return to normal thermostat operation.

Start Linking the WiFi Thermostat

This option enables the linking of the C365T21WF to the home's WiFi network using any smart device.

Touch the **UP/DOWN** keys to select On to start the linking sequence.

Touch the **ENTER** key to save the options and return to initiate the linking sequence.

During the linking sequence "Home" will blink to indicate the thermostat is trying to link with the home router. Once the thermostat has linked with the home router and the cloud "Home" will be on continuously.
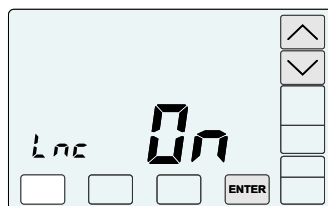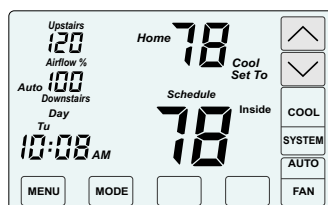
Install Two AA Batteries

The batteries power the clock when 24VAC power is lost. Slide the battery cover downward and install the two AA batteries as shown.

Learn more about your
Comfort365 Thermostat
by watching the Consumer
How-To Video available at
eControlsUSA.com

Warranty
This thermostat is warranted to be free of defects due to workmanship or materials under normal use and service for a period of 5 years from date of installation and not longer than 6 years from manufacturing date code.

eControls

eControls, 26072 Merit Circle #110, / Laguna Hills, CA 92653
949-916-0945 www.eControlsUSA.com