



T21  
Thermostat

 **FIELD CONTROLS**  
VENTILATION

**WHOLE HOUSE COMFORT CONTROL**  
**MODULATES AIR DELIVERY TO BALANCE TEMPERATURES**



## THE COMFORT PROBLEM

Multi-level homes find discomfort due to uneven temperatures from the heating and cooling system. Rising heat, sun exposure, and windows can cause the living and bedroom (sleeping) areas to be uncomfortably warm or cool.

The upper-level sleeping area of a two-story home during the summer cooling season will feel too warm. The lower-level living area during the winter heating season will feel too cool. The sleeping area and living area of a single-story home can be too warm or too cool, depending on sun exposure.



In two-story homes, upstairs sleeping area feels too warm during the summer



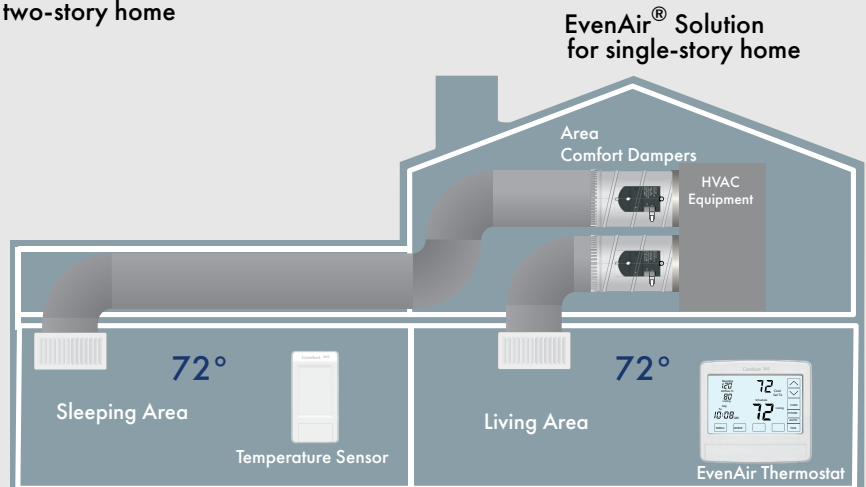
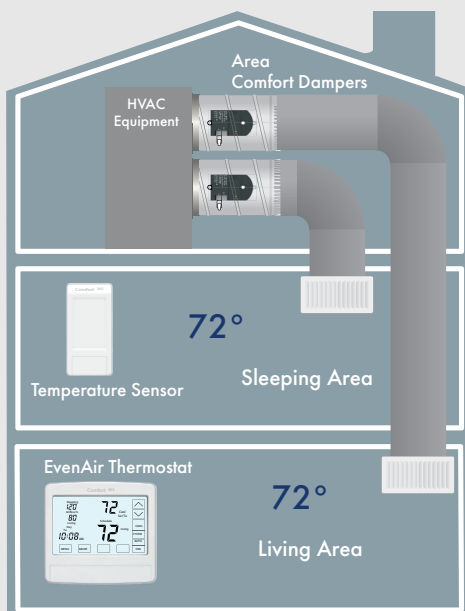
In single story homes, living areas with sun exposure feel too warm during the summer

## THE EVENAIR® SOLUTION

The EvenAir® Whole House Comfort Control System works with your heating and cooling appliances to bring temperature balance to your home. The EvenAir® system thermostat monitors the sleeping area and living area temperatures. The comfort control automatically adjusts the system airflow. Uniform air delivery balances temperatures for a comfortable home.

The EvenAir® installation is simple. Your contractor will install an EvenAir system thermostat where your existing thermostat is located. A temperature sensor is installed in the sleeping area. Area Comfort Dampers that control the airflow to the sleeping area and living area will be installed in your ductwork.

## SINGLE- AND TWO-STORY HOME SOLUTIONS



# WHOLE HOUSE COMFORT CONTROL

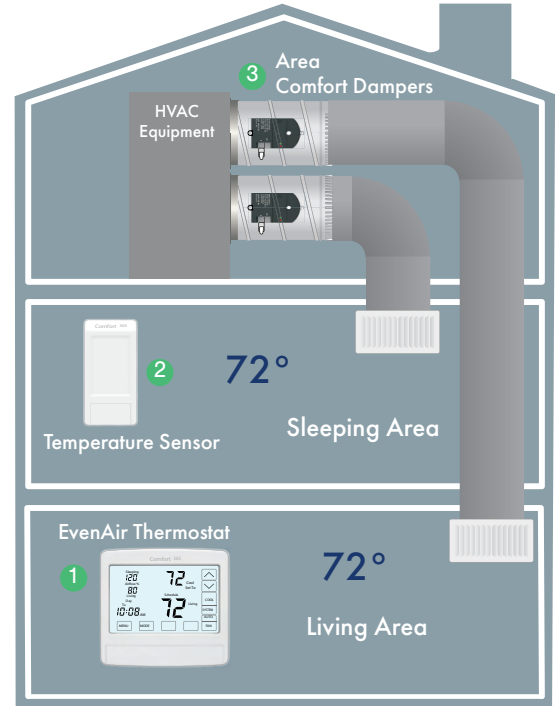
## HOW IT WORKS

An EvenAir® thermostat monitors the temperature in two locations (sleeping area and living area) to maintain even temperature throughout the home.

The second temperature sensor, located in the sleeping area, is checked every 2 minutes during heating and cooling modes.

When the temperatures differ by more than 2 degrees, \* airflow is automatically adjusted. Each EvenAir damper is adjusted by 2% in the appropriate direction to increase airflow where it is needed. This modulates air delivery to balance temperature throughout the home.

\*Factory set at 2 degrees, adjustable from 0 to 5 degrees



## PREMIUM WHOLE HOUSE COMFORT



### FRESH AIR CONTROL

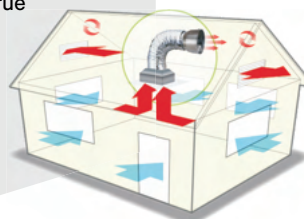
In many states, fresh air ventilation is required to meet building codes for new construction or to obtain energy tax credits in existing homes. The EvenAir® thermostat, along with a Fresh Air Damper, can meet these requirements by delivering fresh air automatically and efficiently.



Take the EvenAir® Comfort Control System to the next level of whole house comfort by integrating whole house ventilation, fresh air control and humidity control – All controlled using your EvenAir® Thermostat.

### WHOLE HOUSE VENTILATION

Whole house fan control brings in cool outdoor air, reducing energy costs and enhancing indoor air quality. The EvenAir® thermostat controls whole house ventilation either manually using a 1 to 12 hour timer set at the thermostat or by true temperature control for total comfort and convenience.









### HUMIDITY CONTROL

The EvenAir® thermostat displays the humidity level and controls a humidifier and/or dehumidifier for a more comfortable home during the heating and cooling season.

# EVENAIR® COMPONENTS & OPTIONS

## RESIDENTIAL NEW CONSTRUCTION (RNC) AND ADD ON REPLACEMENT (AOR) OPTIONS

	RNC OPTIONS		RNC OR AOR OPTIONS		AOR OPTIONS	
	EvenAir Comfort Control System		EvenAir with Ventilation		EvenAir with Ventilation	
	WIRED	WIRED WiFi	Plug n Play	Plug n Play WiFi	Plug n Play	Plug n Play WiFi
Thermostat	T21	T21WF	T32	T32WF	T32	T32WF
Wiring Hub	n/a	n/a	H32	H32	H32	H32
Electronic Receiver	n/a	n/a	n/a	n/a	ER1	ER1
Temperature Sensors	1 TS51 or 2 TS52	1 TS51 or 2 TS52	1 TS51 or 2 TS52	1 TS51 or 2 TS52	Wireless TSER (1 or 2)	Wireless TSER (1 or 2)
Modulating dampers	Round or Rectangle 3 Wire	Round or Rectangle 3 Wire	Round or Rectangle Plug n Play 25'	Round or Rectangle Plug n Play 25'	Round or Rectangle Plug n Play 25'	Round or Rectangle Plug n Play 25'
Ventilation	n/a	n/a	FAD	FAD	FAD	FAD
Optional Inhibit	n/a	n/a	TS3	TS3	TS3	TS3

	MODEL	DESCRIPTION
<b>EvenAir® Wired Thermostat</b>		
	T21	Programmable wired thermostat with airflow control for gas/electric or heat pump equipment with 2H/1C or 1H/2C.
	T21WF	Programmable wired thermostat with airflow control for gas/electric or heat pump equipment with 2H/1C or 1H/2C, WiFi Enabled.
<b>EvenAir® Communicating Thermostats</b>		
	T32	Programmable, communicating thermostat with airflow control and 62.2 ventilation, humidity and whole house fan control, for all equipment.
	T32WF	Programmable, communicating thermostat with airflow control and 62.2 ventilation, humidity and whole house fan control, for all equipment. WiFi Enabled
<b>EvenAir® Wiring Hubs and Plug-in Radio Module</b>		
	H32	Wiring Hub for gas/electric equipment, conventional or dual fuel heat pump with 3H/2C, fresh air damper output, humidifier output, DSBK terminal for dehumidification and output for whole house fan control.
	ER1	eLink Plugin Radio Module. Plugs into wiring hub and is required when using wireless sensors.
<b>EvenAir® Temperature Sensors</b>		
	TS51	Wired temperature sensor for sleeping area. Single sensor installation.
	TS52	Wired temperature sensor for the sleeping area. Dual sensor installation.
	TSER	Wireless temperature sensor for the sleeping area. Single or dual installation. Battery powered
	TS3	Outdoor temperature sensor. Required when dual feul heat pumps are used or inhibiting 62.2 ventilation
<b>EvenAir® Modulating Dampers</b>		
	MD Series	Round or Rectangular, Modulating Damper, 3-Wire.
	MDP Series	Round or Rectangular, Modulating Damper, Plug-in Play (includes 25 ft cable
<b>Optional Accessories</b>		
	TSRC	Wireless, battery powered remote control