

EvenAir Whole House Comfort



EvenAir® 2.0 Whole House Comfort Control System is not a zoning system. It is a simplified comfort solution that allows a single HVAC system to cost-effectively balance temperatures throughout the home; solving common discomfort issues when areas in the home are too hot in summer and too cold in winter.

Benefits

- **Automatic Temperature Balancing:** Automatically adjusts airflow to balance temperatures across multiple areas
- **Multi-Area Design:** Controls up to 3 areas with independent sensors and dampers
- **Universal Compatibility:** Works with any standard 24 VAC thermostat
- **24/7 System Optimization:** Balances air in heating, cooling fan-only, and idle modes

Features

- **Automatic Temperature Balancing:** The controller reads temperatures in multiple areas and automatically adjusts airflow to balance area temperatures with a single HVAC system
- **Simple Multi-Area Design:** The EvenAir 2.0 controls an independent temperature sensor and damper for up to 3 areas
- **Universal Thermostat Connection:** Works with any conventional 24 VAC thermostat, so homeowners can interface with the thermostat they like most
- **Works in All System Modes 24/7/365:** Balances temperatures in Heating/Cooling Mode, Fan Only Mode, and even Idle Mode by rotating air after 1-4 hours of no HVAC operation
- **Precision Modulating Dampers:** Uses simple, reliable modulating dampers (not standard zone dampers that only open or close) to fine-tune airflow quickly to each area
- **Multiple Dampers:** Capable of modulating up to 5 dampers in parallel per area



How It Works

EvenAir temperature sensors monitor the area temperatures in up to three living areas (living area, sleeping area, and home office) to maintain even temperatures through the areas.

Temperature readings are checked every 5 seconds during heating and cooling cycles and every 2 minutes during idle periods.

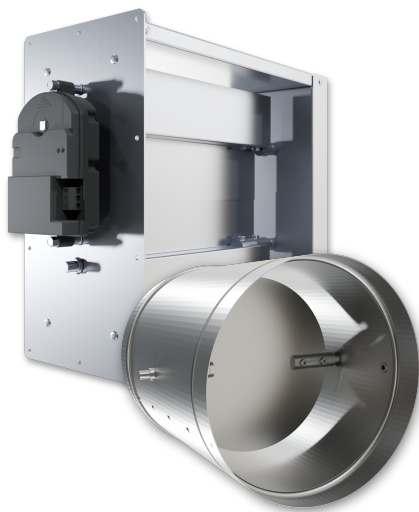
When the temperature differ by more than a few degrees, the airflow to each area is automatically adjusted. Each EvenAir damper is adjusted between 0-5° in the appropriate direction to increase/decrease airflow where it is needed. Thus modulating air delivery to balance temperatures throughout the areas.



Temperature Sensor

*Design may vary from picture

Modulating Dampers



EvenAir 2.0 is engineered to work exclusively with Field Controls Modulating Damper Series for optimal performance. These dampers deliver balanced comfort by precisely adjusting airflow where it is needed most, continuously fine tuning distribution to eliminate hot and cold spots and maintain consistent temperatures throughout the home while improving overall HVAC performance.

Unlike traditional dampers that simply open or close, EvenAir dampers provide accurate airflow control for enhanced comfort and efficiency. Available in round and rectangular options, they install easily into existing ductwork and integrate with standard HVAC system.

What's Included

EvenAir 2.0 system included the controller and two area temperature sensors. Select your damper based on your application.

