



A whole home wireless room-by-room zoning system, controlled from a smartphone. Works in any home with a forced air system and internet access.

Ecovent's system of room sensors and registers are directed by the Control Hub to monitor room climate and control airflow throughout the home, keeping homeowners comfortable and HVAC equipment safe.

Easy to Install:

- Battery powered registers install with a screwdriver.
- Control Hub plugs into power source and Wi-Fi router.
- Room sensors plug into existing electrical outlets.

No Wiring Dampers:

- No wiring or electrical work needed.
- No cutting into ducts or sheet metal.
- Any HVAC tech can install Ecovent.

Available on:



No Configuration Needed:

- Registers and room sensors self configure upon installation.
- Link registers and room sensors to the Control Hub through the app.
- Connects to smart thermostats using the home's Wi-Fi.

Homeowner Benefits:

- Room-by-room temperature control keeps the whole family comfortable.
- Get rid of rooms that are too hot or too cold.
- Free software updates for life ensure customers always have the latest features.

Integrates with:

sen|si



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Ecovent Registers control the airflow into rooms, dynamically adjusting to make homeowners more comfortable.

- By monitoring temperature and pressure in every register, Ecovent ensures HVAC systems stay safe.
- Aerodynamic mechanical curtain replaces traditional louvers, reducing airflow obstruction and noise.
- Registers are completely wireless and run on 4 AA batteries (3-5 year life), so there is no need for any electrical or wiring work to install.
- Current sizes: 4x10", 4x12", 6x10", 6x12".
- Self configures upon installation, so setup only takes 10-15 minutes per room depending on the number of registers.

Dimensions (LxHxD):

	Ceiling Registers 	Wall Registers 	Floor Registers 
4x10" :	11.85x5.85x3.46	11.85x5.85x3.21	11.78x5.78x2.77
4x12" :	13.85x5.85x3.46	13.85x5.85x3.21	13.78x5.78x2.77
6x10" :	11.85x7.85x3.46	11.85x7.85x3.21	11.78x7.78x2.77
6x12" :	13.85x7.85x3.46	13.85x7.85x3.21	13.78x7.78x2.77

Weight:

	Ceiling Registers 	Wall Registers 	Floor Registers 
4x10" :	1.2 lbs	1.2 lbs	1.2 lbs
4x12" :	1.4 lbs	1.4 lbs	1.4 lbs
6x10" :	1.2 lbs	1.2 lbs	1.2 lbs
6x12" :	1.4 lbs	1.4 lbs	1.4 lbs

- Multiple registers can pair to a single sensor.
- Floor registers can hold +300 lbs.
- Registers are made of durable, heat resistant Polycarbonate ABS. Registers cannot be painted as it may impact product performance.
- Ceiling and wall registers installed by 2 screws that are covered by the frame. Floor registers press in place.
- Rubberized gasket around the register ensures a strong seal.
- The register has a 4 way plaque diffuser design. The center diffuser is built on a ball joint, which allows the installer to convert the vent to a 3-way register.
- The curtain door has many positions between open and closed and has a lower pressure drop across the register than a standard louvered vent.

ROOM SENSORS



Ecovent Room Sensors gather climate data in every room where Ecovent Registers are installed. Sensors transmit data to the Control Hub, which adjusts temperature and airflow between rooms to keep a homeowner comfortable.

- Room sensors monitor temperature, humidity and pressure.
- The sensor installs in seconds by plugging into a standard 3-pronged electrical outlet and pairing to the Control Hub through the Ecovent App.
- Only one sensor is needed in any room where an Ecovent Register is installed. For open floor plans, install a sensor every 20 linear feet.
- The sensors extend the Ecovent wireless network throughout the home and act as data relays between Ecovent Registers and the Control Hub.
- LED light on the sensor provides installation feedback
- Sensors have pass through outlets, so you never lose space to power other devices.
- Up to 15 amps can be plugged into one sensor.
- Provides 2 USB ports for additional device charging.
- Made of durable Polycarbonate ABS.
- No outdoor temperature or pressure sensor required.



Dimensions (LxHxD):

3.5 x 5.5 x 1.25"

Weight:

0.4 lbs

CONTROL HUB



The Ecovent Control Hub analyzes climate data from the room sensors and controls the registers to dynamically adjust airflow to the rooms where homeowners need it most. The Control Hub also ensures that static pressure does not exceed safe operating conditions and has multiple safeguards in place to ensure ongoing safe operation of HVAC equipment.

- Analyzes data from registers and sensors to coordinate airflow across the entire home.
- Controls Wi-Fi thermostats to achieve homeowner comfort.
- All you need is the home's Wi-Fi network password to pair the Control Hub to compatible thermostats.
- The Control Hub easily connects to thermostats through the Ecovent App.
- Compatible with the Sensi™ Wi-Fi Programmable Thermostat.
- Can control up to 50 Ecovent Registers in any home.
- Industry standard AES encryption.
- Powered by a standard power cord and uses an ethernet cable to plug into the home's router.
- Has home/away scheduling.
- Made of durable Polycarbonate ASB.
- Only one Control Hub is needed per home, no matter how many zones or air handlers.
- Pulls in local weather data from the internet, so no outside sensor is needed.

Dimensions (LxHxD):

5.5 x 5 x 1.5"

Weight:

0.5 lbs

