

Comfort³⁶⁵ for Add On/Replacement

A simple, low-cost solution that uses existing thermostat wiring and provide upstairs and downstairs comfort without using zoning.



\$ About half the cost of a zoning system.

- Provides a uniformly comfortable home in all seasons.
- Eliminates installing zoning panel, 24VAC transformer and electrical box, and discharge air temperature sensor.
- Eliminates installing a bypass damper and bypass duct.
- Plug&Play dampers reduce wiring errors.
- Easy upgrade to WiFi and only one WiFi thermostat required.
- Saves 30% in energy at night by using the sleeping area sensors to control heating and cooling calls and directs 30% more conditioned airflow to the sleeping area at night and 30% less to the unoccupied living area.
- Use 1 or 2 wireless temperature sensors in the sleeping area. Sensors can be installed on any wall and require no wiring.
- Automatic or manual airflow control.
- Reduces HERS zoning testing.

For Comfort365 resources and additional product offerings such as Whole House Comfort Controls, please visit our website at www.eControlsUSA.com.

The Comfort Problem

In a typical home the amount of conditioned airflow required to keep the upstairs sleeping area and the downstairs living area uniformly comfortable varies with the seasons and even during the day. This can result in large temperature variations between the upstairs and downstairs temperatures.



The Comfort365 Solution

Traditionally, zoning has been used to solve the problem. The Comfort365 solves the problem more efficiently and at about half the cost of zoning. The Comfort365 thermostat is installed in the downstairs living area and one or two temperature sensors are installed upstairs in the sleeping area. The thermostat constantly monitors the upstairs and downstairs temperatures.

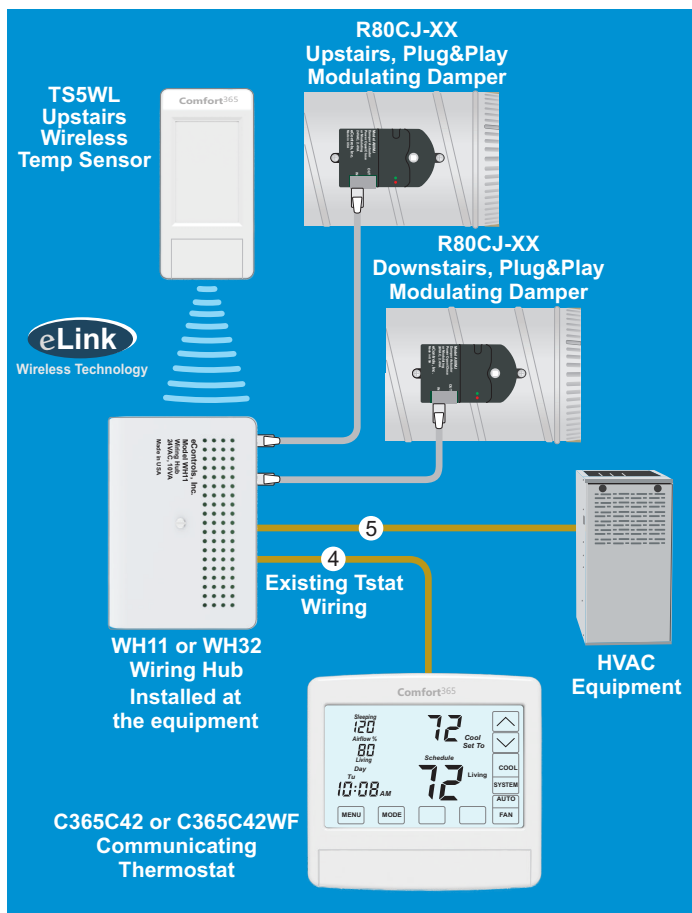
Every two minutes the modulating dampers are adjusted 2% directing more airflow to the upstairs or downstairs to keep the temperatures within 2°F. Bypass is not used with this system and the equipment operates at its rated efficiency and airflow. Comfort365 dampers operate from about 60 to 100% open, never close and do not require the gaskets used in zoning dampers that can restrict airflow.

The Comfort365 will automatically maintain a uniformly comfortable home in all seasons without the use of a zoning system and at about half the cost of a zoning system.



Replacement Installation

- Temperature sensors can be installed in the master bedroom and bedroom hallway and require no wiring.
- Uses existing thermostat cable to connect the communicating thermostat to the Wiring Hub.
- Plug&Play dampers reduce wiring errors. 25-foot cable supplied with each damper.
- Only 9 wires and 2 Plug&Play cables to install compared to 25 wires for zoning.
- Typical savings of 46% in materials compared to a wireless zoning installation.



Comfort365 Thermostat

Model C365C42 or C365C42WF WiFi thermostat.

Sleeping Area Temperature Sensors

Model TS5WL wireless sensor for single or two-sensor installations.

Wiring Hub

Model WH11 for single stage equipment.
Model WH32 for multi-stage equipment.

eLink Plug-in Radio Module

Model ELR1 Plug-In Radio Module plugs into Wiring Hub.

Airflow Dampers

Model R80CJ-XX Plug&Play modulating dampers.

5-Year Warranty

All products have a 5-year warranty, limited to the repair or replacement of the product due to defective material or workmanship.

eControls

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