

existing home

MyTemp™ System

Room-by-Room Temperature Control and Energy Management



You want your home to be comfortable for your entire family. Now you can make it the most comfortable and energy efficient home you've ever owned!



MyTemp is controlled from an easy to use, centrally located, touch-screen main display. In addition, every room in your home receives a small wireless temperature sensor, called a Smart Controller™. From the Smart Controller you can make temporary temperature changes or place a room in SAVER.

The MyTemp™ Temperature Control and Energy Management system from Home Comfort Zones provides independent temperature control for every room in your home, even bathrooms. Not only does MyTemp dramatically improve the comfort of your home, but by utilizing its unique features you can also make your home more energy efficient as well.

Room-by-Room Temperature Control

Your current thermostat can only control the average temperature in your home. Some rooms can get too hot while other rooms can get too cold. In contrast, the MyTemp system continually monitors and adjusts the temperature in each room. Every household member (parent, child, grandparent, and guest) will be comfortable in any room, at any time. Sunny rooms can be kept cool while shadier rooms can be kept warm. Even special purpose rooms such as your home office, exercise room, and home theater will stay comfortable all day long, no matter the activity.

Common problems that the MyTemp system will solve in your home:

- The upstairs is always too warm, especially during the summer.
- Bedrooms are uncomfortably warm, particularly when you're trying to sleep.
- Bathrooms are too chilly in the morning.
- The bonus room or the children's rooms are never the right temperature.
- Your grandparents are always too cold when they visit your home.
- The daylight basement is too cold all year round.
- The home office, gym, or media room get too hot when you use them.
- When you entertain, your guests get uncomfortably warm.

Up to 40% in Energy Savings

MyTemp doesn't just make your home more comfortable, it also makes it more efficient. An independent study reported that, after installing a MyTemp system, homeowners used up to 40% less energy for heating and cooling. MyTemp's energy saving features include:

- **SAVER mode** - reduce conditioning in unused rooms with the push of a button
- **Schedules** - reduce the conditioning based on the time of the day and the day of the week
- **Smart Circulation™** - balances temperatures between hot and cold rooms without using your air conditioner or furnace
- **24-hour energy history** - pinpoint the rooms that use the most heating and cooling
- **AWAY mode** - reduce conditioning while your house is vacant, like when you're out running errands

Finally, because heating and cooling is on a room-by-room basis, each room is conditioned only as much as necessary.

How It Works

A small, wireless temperature sensor, called a Smart Controller, is placed in each room of your home. It continuously monitors and transmits the room's temperature to the master unit. The master unit is the engine that drives the MyTemp system. It controls your existing furnace and air conditioner and also receives and processes information from a variety of sensors including the Smart Controllers. After comparing the temperature in each room against your desired settings, the master unit decides whether heating, air conditioning, or circulation is required and which rooms require it. Next it opens and closes the MyTemp pneumatic dampers to control airflow to specific rooms. Finally, a conditioning cycle (heating, air conditioning, or circulation) is initiated. Wireless sensors and individual control are the keys to MyTemp's amazing comfort and energy savings potential.

Be More Comfortable, Save Energy Today

No other upgrade for your home makes you and your family more comfortable, in every room, all of the time. MyTemp installation takes just a day or two and requires no cutting or drilling into walls, floors, or ceilings. For less than half the price of radiant heat, MyTemp from Home Comfort Zones, gives you better control, and the ability to work with air conditioning as well. In addition, you'll have the peace of mind that you're saving energy while enjoying MyTemp's outstanding comfort.

For more information, visit www.HomeComfortZones.com or call Home Comfort Zones today at 1-800-396-0523.

MyTemp System Components

	Master Unit <p>The Master Unit continually monitors the temperature in every room of your home. In addition, it operates your HVAC equipment and monitors the conditions in your air handler. Using information from the Smart Controllers and your temperature schedules, 24 computer-operated valves control pneumatic dampers, giving each room independent temperature control.</p>
	Air Pump and Power Supply <p>Converts the electrical output of a wall socket into 12V DC to power the Master Unit. In addition, an internal air pump provides vacuum and pressure to inflate and deflate the dampers. The air pump is isolated from the outer case using a spring damped base. This reduces noise and vibration to ensure quiet, reliable operation.</p>
	Outside Temperature Sensor <p>Placed on the exterior of your home, this wireless sensor monitors and transmits the outside temperature to the Master Unit.</p>
	Plenum Sensor <p>Measures the temperature, air pressure, and humidity inside your air handler and relays the information to the Master Unit.</p>
	Wireless Receiver <p>Receives temperature data transmitted from the Smart Controllers and relays the information to the Master Unit.</p>
	Pneumatic Damper <p>Controls the airflow to each register. When the damper is inflated, airflow to that register is turned off; when the damper is deflated, airflow is turned on. The dampers are tough, for years of trouble free service, and flexible, to provide a tight seal.</p>

MyTemp

Room-by-room temperature control
using your home's existing heating and cooling equipment.

1. Existing Heating and Cooling Equipment

2. Existing Ductwork

3. Master Unit

4. Air Pump and Power Supply

5. Plenum Sensor

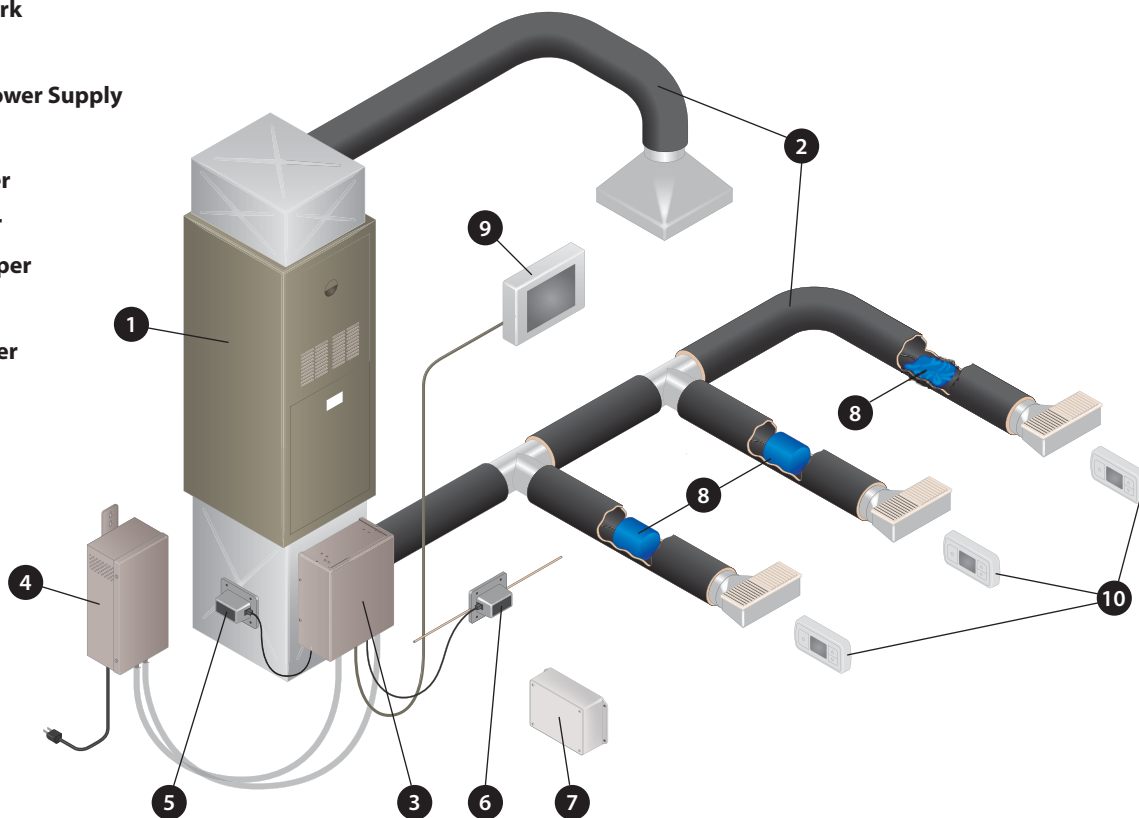
6. Wireless Receiver

7. Outside Monitor

8. Pneumatic Damper

9. Main Display

10. Smart Controller



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