



# Zone Comfort™ System



COMFORT WHERE YOU WANT IT

Affordable • Energy Efficient • Quiet

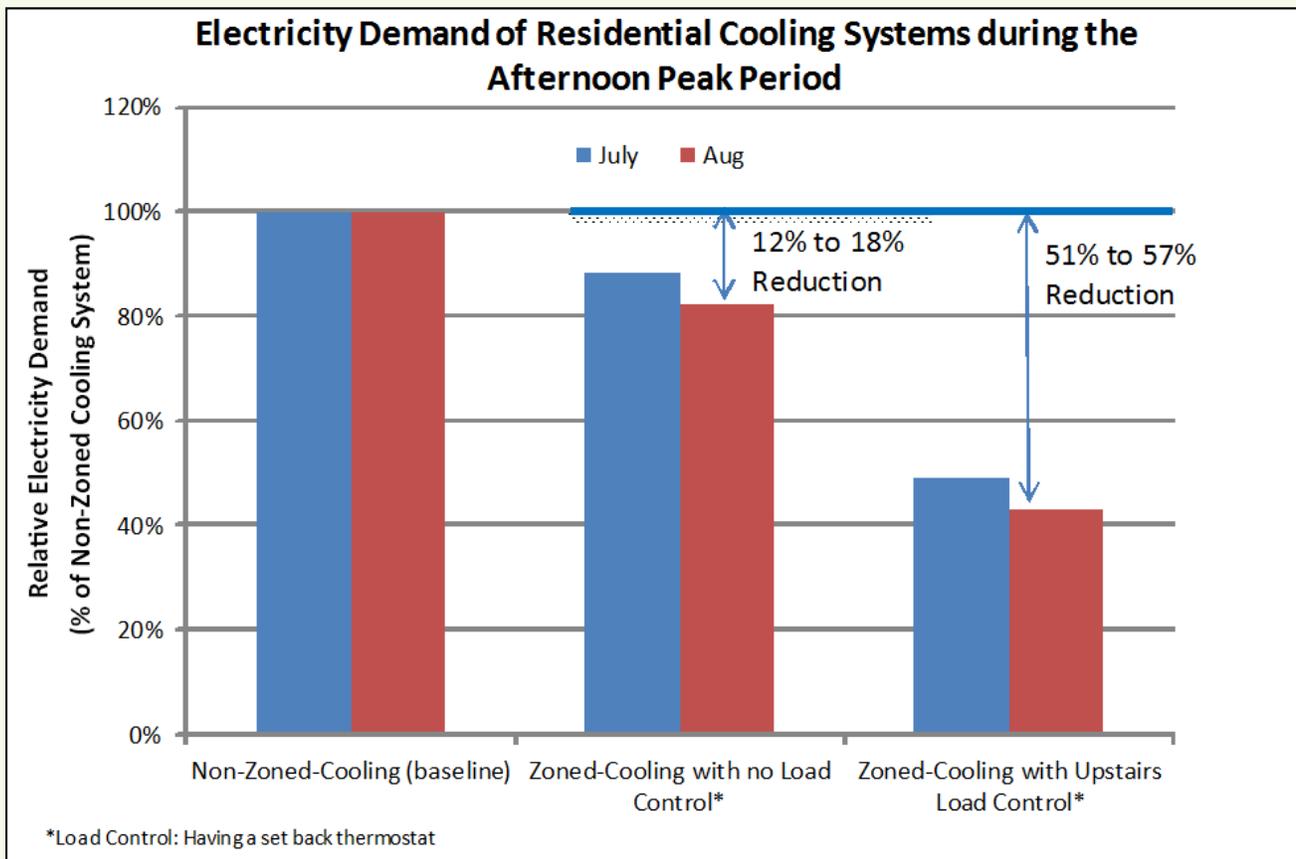


## What is a Zone Comfort™ System?

The Vortex Zone Comfort™ Air Handler is a multi-speed high efficiency unit for forced air heating and cooling with an integrated zone controller. This allows the system to send climate-controlled air only to **where it is needed** by using independent thermostats for each zone. This saves energy and increases comfort by making temperatures more even across all zones. The Zone Comfort™ System can control **up to 4** separate zones.

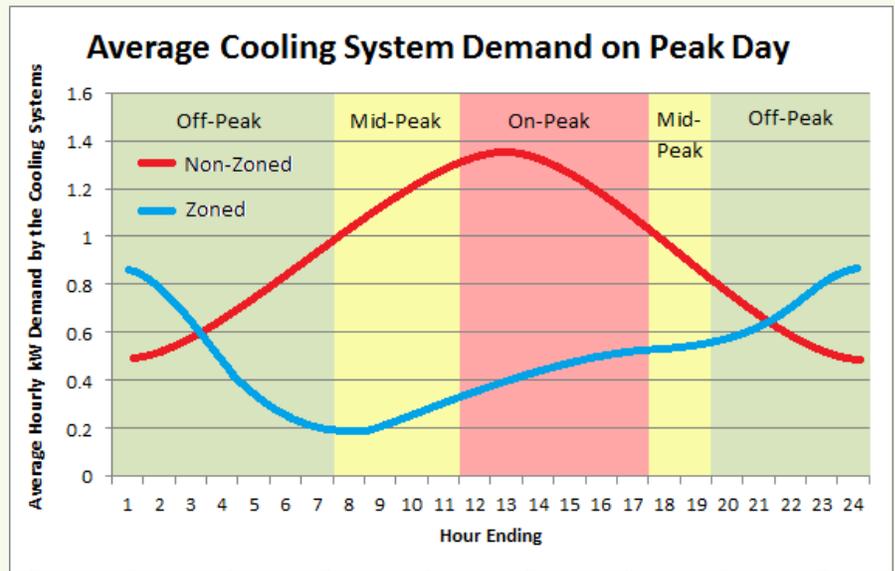


## Zoning can reduce peak demand over 50% !



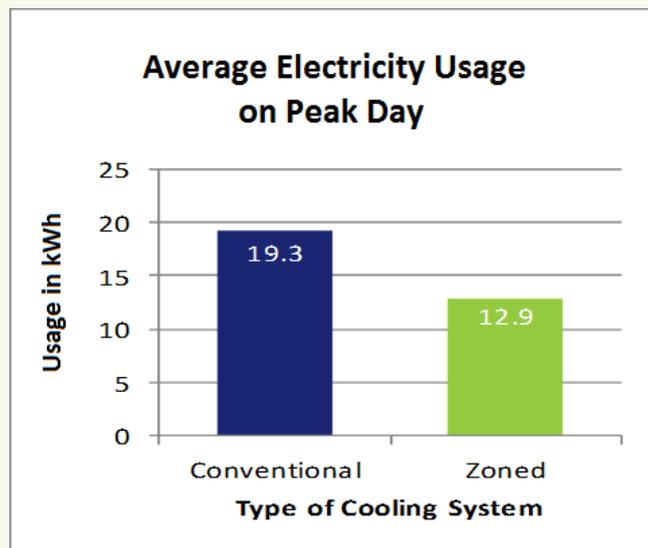
## Benefits

- ◆ Achieves more even temperature distribution floor to floor, increasing comfort.
- ◆ Reduces costs by heating or cooling only the required zones.
- ◆ Compact and easy-to-install equipment design saves floor space.
- ◆ Variable speed EC motor provides significant electrical savings.
- ◆ Our specially designed cabinet ensures whisper quiet operation.
- ◆ Allows a variety of options for add-on cooling.
- ◆ Humidity control results in comfort at higher cooling set points—which saves energy.
- ◆ Greater ability to manage energy costs.
- ◆ The zone dampers are part of the air handler — everything in one box.
- ◆ Unlike a furnace, the Zone Comfort has no burner or vent system to fail.



For optimal efficiency, the Zone Comfort system should use set-back thermostats to turn off airflow to the upper floors during unoccupied on-peak hours.

## What are your Savings?



Annual Energy Savings			
Fuel Type	Conventional (Non Zoned)	Zoned-System	Difference (%)
Natural Gas (m <sup>3</sup> )	2,117	1,968	-7.0 %
Electricity (kWh)	1,137	969	-14.8 %



# Is it too hot in the bedrooms on summer nights? Does it take lots of energy to cool them down? Zone Comfort™ is here to help.

Since hot air rises, the temperature in the bedroom increases while the main floor and basement stay cooler. The Zone Comfort™ can use a programmable thermostat to start cooling the bedrooms a couple hours before bed while turning off the zones for the other rooms that are already cool. See the potential schedule below.

Without Zoning	7 am	9am	4 pm	9 pm	With Zone Comfort
Zone 1	Temperature in Zone 1 is 71° F	Zone 1 is unoccupied and Off. Temperature: 75° F	Zone 1 still unoccupied and off. Temperature: 82° F	Zone 1 ON to start cooling the rooms for the night. Temperature drops to 70° F	Zone 1
Zone 2	Temperature in Zone 2 is 72° F	Zone 2 is unoccupied and Off. Temperature increase to 75° F	Zone 2 turns ON to start cooling main floor. Temperature decreases to 70° F	Zone 2 unoccupied and off. Temperature may increase slightly at night to 72°F	Zone 2
Zone 3	Temperature in Zone 3 is 68° F	Zone 3 is unoccupied and Off. Temperature increase to 72°F	Zone 3 ON to cool down the basement to 70°F	Zone 3 unoccupied and off. Temperature may increase at night.	Zone 3

## Testimonials



**Based on the results of the Zone-Saver field study:**

- “90 % of participants felt the Zone Control system increased comfort with respect to temperature”
- “70 % of participants felt the Zone Control system reduced energy consumption”
- “2/3 felt the controlling of cooling delivered to individual zones is preferred to controlling cooling to whole house”
- “100 % would recommend the system to a friend”

**From an Zone Comfort™ customer:**

*“ I love my Zone Comfort™ system! For the first time in my life I have a house that is the same temperature on all floors of my house. Comfort AND energy savings everywhere!” - Diane, Toronto, ON*

