



What is a Residential Forced Air Zone System?

A residential forced air zoning system is a means of having differing temperatures in different areas of a home and still using one furnace and air conditioner. For example in a typical home a different temperature may be required in the bedroom section of the home from the living family area.

A zone control board is used in conjunction with regular thermostats in the various “zones” or areas. This zone control board regulates furnace or air conditioner operation with dampers in the duct system to allow the flow of hot or cool air as required to maintain a set temperature in any given zone.

The advantages of a Forced Air Zone system in your home:

- ✓ **Allows tighter control of heating and cooling.** This is similar to the plumbing or electrical systems in a house. When we turn on a light switch only select lights come on, not every light in the house. The same is said for opening a faucet.
- ✓ **Allows personalized comfort in each zone,** providing temperature control where you want it... when you want it.
- ✓ **Less HVAC equipment.** Another option to zoning would be zoning with HVAC equipment. This means that every zone would need its own furnace and air conditioner. This would be expensive and make for a cluttered mechanical room. A zone control board and dampers allow us to have multiple zones with only one furnace and air conditioner.
- ✓ **Energy savings.** A correctly installed zone system can reduce energy costs by 25 to 30%. By using setback thermostats you only pay to heat or cool the areas of the house that you want at any given time.

Contact your local **ECCO** Sales Representative for more information on
Ultra-Zone™ Forced Air Zone Controls