

Conditioned Crawl Space

The following information is designed to show several variations to condition the crawl spaces per IECC.

Crawl spaces should be designed and constructed as mini-basements, part of the house within the conditioned space.

Crawl spaces must always have a vapor barrier that is **SEALED** to the footing and vapor barrier joints **SEALED** to each other to prevent evaporation of ground moisture into the crawl space.

Requirements for Constructing Conditioned Crawl Spaces

Crawl spaces should be designed and constructed to be dry.
Crawl spaces must always have a drying mechanism.
Crawl space perimeter walls are required to be insulated.
No crawl space vents to the exterior.

Ways to Condition a Crawl space

A furnace with an air conditioning system with registers located in the crawl space.

OR

A sealed combustion furnace with openings in the crawl space with a humidistat wired to the furnace fan to operate at 55% humidity

The items listed above are required to condition the crawl space to a minimum of 50 degrees and 55% humidity.

The operation of the furnace or supply system may be operated by the following

1. A timer set to cycle at 5 minutes per hour during the summer months.
2. A humidistat located within the crawl space wired to the furnace fan.