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This is a brief primer on California's Title 24 with a few helpful links. Please rely on your building professional to ensure compliance.

## **Title 24 and Electric Floor Warming and Heating In California**

The California Building Energy Standards, Title 24, Part 6 permits the use of electric radiant floor warming and electric radiant space heating products when these products meet the definition of "supplemental heating."

What is the definition of "supplemental heating?" According to the Building Energy Standards for the state of California "supplemental heating" is heating which is:

1. Not the primary space conditioning system (defined as that system used in the energy compliance analysis for the structure)
2. Installed in an area that is also directly served by the primary space conditioning system. Building Energy Standards also require that the primary space conditioning system have adequate capacity to condition the entire building or home (common sense does too!)

So, if the primary space conditioning system does NOT have sufficient capacity to condition the entire building or home, and/or the primary space conditioning system does not directly serve the space where the electrical radiant floor-warming or electrical radiant space heating product is to be installed, then said products DO NOT QUALIFY as "supplemental heating" and then these systems MUST be included in the energy performance analysis to comply with the Building Energy Standards.

As a result, the energy use of electrical floor warming and space heating products installed in areas such as bathrooms, that DO NOT have supply vents from the primary space conditioning system, must be included in the energy performance standards compliance analysis.

The Good News: in most homes, you will still meet the requirements, even though someone has to "do the math" and include floor warming in your analysis.

The Great News: Electric Floor Warming and Electric Radiant Space Heating CAN BE USED whenever and wherever there is a primary space conditioning system with adequate capacity in place in these rooms. So, if there is a vent in the room already, you are likely exempt from Title 24 analysis.

[Read More about Title 24](#)

[Get help Online with Title 24 paperwork](#)