

STATE BUILDING CODE INTERPRETATION NO. 99-08

CODE: 1997 Washington State Energy Code

SECTION: WAC 51-11-1412.2 and 1412.5

QUESTION: Are through-the-wall type heat pumps, installed in an 8 x 20 factory assembled structure, required to meet **Section 1412.2 Deadband Controls** and **Section 1412.5 Heat Pump Controls** requirements?

ANSWER: Yes, a new installation of through-the-wall type heat pumps must comply with the requirements by installing the controls specified, or their equivalent.

Section 1412.2, Deadband Controls, requires a deadband of at least 5 °F to help prevent simultaneous heating and cooling.

Section 1412.5, Heat Pump Controls, requires controls that minimize supplemental heat usage during start-up, set-up, and defrost conditions anticipating the need for heat and using compression heating as the first stage of heat.

SUPERSEDES: None

REQUESTED BY: Labor and Industries