



Pikes Peak Regional Building Code

2009 IECC Edition

DRAFT

SECTION RBC308 - ENERGY CONSERVATION CODE

RBC308.1 SHORT TITLE. This section will be known and cited as the Energy Conservation Code.

RBC308.2 SCOPE. The Energy Conservation Code shall apply in accordance with Section 101.2 of the International Energy Conservation Code, 2009 Edition.

RBC308.3 CODE ADOPTED BY REFERENCE. There is hereby adopted by reference the International Energy Conservation Code of the International Code Council, 4051 West Flossmoor Road, Country Club Hills, IL 60478-5795, 2009 Edition. Three (3) copies of the Code are now filed in the office of the Clerk of the Jurisdiction and may be inspected during regular business hours. The Code is being adopted as if set out at length, to include the International Energy Conservation Code Appendix.

RBC308.4 ADDITIONS AND MODIFICATIONS. The adopted Code is subject to the following additions and modifications:

RBC308.4.1 Section 101.4.3. Delete Exception 5 and replace with the following:

5. Detached accessory structures in conjunction with one and two family dwellings not intended for human occupancy.

RBC308.4.2 Section 103. Delete and replace with the following:

103.1. General. Construction documents and other supporting data shall be submitted in one or more sets with each application for a permit. The construction documents and designs submitted under the provisions of Section 405 and Chapter 5 of the International Energy Conservation Code, 2009 Edition, shall be prepared by a design professional licensed in the State of Colorado or by qualified persons as approved by the Building Official.

Exception: The Building Official is authorized to waive the requirements for construction documents or other supporting data if the Building Official determines they are not necessary to confirm compliance with this code.

RBC308.4.3 Section 107. Delete.

RBC308.4.4 Section 108. Delete.

RBC308.4.5 Section 109. Delete.

RBC308.4.6 Table 402.1.1. In Climate Zone 5 under the "Wood Framed Wall R-Value" delete "20" and replace with "19" and delete "13+5" and replace with "15+2".

Footnote h: Delete and replace with the following:

"15+2" means R-15 cavity insulation plus R-2 insulated sheathing. If the building is continuously sheathed with structural panels insulated sheathing may be omitted.

RBC308.4.7 Section 402.2.8. In the second sentence delete "top of the slab" and replace with "bottom of the slab".

RBC308.4.8 Section 403.3. Add the following exception:

Exception: Mechanical system piping or portions thereof located completely inside the *building thermal envelope*.

RBC308.4.9 Section 403.4. Add the following exception:

Exception: Circulating hot water systems installed with integral automatic timers.

RBC308.4.10 Section 403.6. Delete and replace with the following:

403.6 Equipment sizing (Mandatory). Heating and cooling *equipment* shall be sized in accordance with ACCA Manual S based on building loads calculated in accordance with ACCA Manual J or other *approved* heating and cooling calculation methodologies.