

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, 2015 Edition as follows:

1. Section C101.2 for *commercial buildings*
2. Section R101.2 for *residential buildings*

RBC308.3 CODE ADOPTED BY REFERENCE.

There is hereby adopted by reference the International Energy Conservation Code, 2015 Edition, of the International Code Council, 4051 West Flossmoor Road, Country Club Hills, IL 60478-5795, 2015 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 C103.1 General. Delete and replace with the following:

C103.1. General. Construction documents and other supporting data shall be submitted in one or more sets with each application for a permit. The construction documents 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.

RBC308.4.2 Section C107 FEES. Delete.

RBC308.4.3 Section C108 STOP WORK ORDER. Delete.

RBC308.4.4 Section C109 BOARD OF APPEALS. Delete.

RBC308.4.5 Section C402.4.2 Minimum skylight fenestration area. Delete "Exception 1" and replace with the following:

1. Buildings in *Climate Zones* 5 through 8.

RBC308.4.6 Section C402.5.3 Rooms containing fuel burning appliances. Delete

RBC308.4.7 Section R103.1 General. Delete and replace with the following:

R103.1. General. Construction documents and other supporting data shall be submitted in one or more sets with each application for a permit. The construction documents 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.

RBC308.4.8 Section R107 FEES. Delete

RBC308.4.9 Section R108 STOP WORK ORDER. Delete.

RBC308.4.10 Section R109 BOARD OF APPEALS. Delete.

RBC308.4.11 Section R402.1 General (Prescriptive). Add the following exception:

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

RBC308.4.12 Section R402.1.1 Vapor retarder. Delete

RBC308.4.13 Section R402.2.10 Slab-on-grade floors. In the second sentence delete "top of the slab" and replace with "bottom of the slab".

RBC308.4.14 Section R402.4 Air leakage (Mandatory). Add the following exception:

Exception: R-2 occupancies which comply with Section C402.5.

RBC308.4.15 Section R402.4.1 Building thermal envelope. Delete and replace with the following:

R402.4.1 Building thermal envelope. The *building thermal envelope* shall be demonstrated to comply with either section R402.4.1.1 or section R402.4.1.2.

RBC308.4.16 R402.4.1.1 Installation. Delete and replace with the following:

R402.4.1.1 Visual inspection. The *building thermal envelope* shall be considered acceptable when the components are installed in accordance with the manufacturer's instructions and the criteria listed in table R402.4.1.1. Where required by the *code official*, an approved third party shall inspect the *building thermal envelope*.

RBC308.4.17 R402.4.1.2 Testing. In the second sentence delete “three air changes per hour in Climate Zones 3 through 8.” and replace with “five air changes per hour in Climate Zones 3 through 8.”

RBC308.4.18 Section R402.4.4 Rooms containing fuel burning appliances. Delete

RBC308.4.19 Section R403.4 Mechanical system piping insulation (Mandatory). Add the following exception:

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

RBC308.4.20 Section R403.5.1.1 Circulation systems. Add the following exception:

Exception: Circulation pumps that automatically maintain the desired temperature in the hot water piping system in accordance with the demand of heated water within the occupancy.

RBC308.4.21 Section R503.1.1 Building envelope. Delete Exception 4 and replace with the following:

4. Roof replacement.

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