



### **Proposed Amendments to the 2015 International Mechanical Code**

The following document contains the proposed modifications to the 2015 IMC and has been revised from the previous document. The revisions include removal of some residential requirements, as the current, proposed adoption of the 2015 IRC includes adoption of Mechanical provisions. Mechanical provisions for One and Two-Family dwelling are no longer located in the IMC.

Historically, RBD has not adopted the Mechanical, Fuel Gas, and Plumbing provisions from the IRC and has relied upon the International Mechanical Code (IMC), International Fuel Gas Code (IFGC), and the International Plumbing Code (IPC) for One and Two-Family Dwellings.

The requirements in the IRC are very similar to those found in the IMC, IFGC, and IPC but have been “stripped down” to only apply to residential construction. This makes the path to code compliance easier to achieve for the user as all requirements can be found in one book.

## SECTION RBC304 - MECHANICAL CODE

**RBC304.1 SHORT TITLE.** This section will be known and cited as the Mechanical Code.

**RBC304.2 SCOPE.** The Mechanical Code shall regulate the design, installation, maintenance and alteration of mechanical systems that are permanently installed and utilized to provide control of environmental conditions and related processes within buildings. This Code shall also regulate those mechanical systems, system components, equipment and appliances specifically addressed therein. The installation of fuel gas distribution piping and equipment, fuel gas-fired appliances and fuel gas-fired appliance venting systems shall be regulated by Section 305 of this Code.

### **RBC304.3 CODES ADOPTED BY REFERENCE.**

There is hereby adopted by reference the International Mechanical Code 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 above Code is being adopted as if set out at length, to include Appendix A, except the following sections which are declared to be inapplicable and are therefore expressly deleted:

1. Chapter 1, Administration
2. Appendix B, Recommended Permit Fee Schedule

**RBC304.4 ADDITIONS AND MODIFICATIONS.** The adopted Code is subject to the following additions and modifications:

**RBC304.4.1 Section 303.3 Prohibited locations.** Delete exceptions 1, 2, 3 and replace with the following:

#### **Exceptions:**

1. Direct-vent appliances installed in accordance with the conditions of its listing and the manufacturer's instructions.
2. Vented room heaters, wall furnaces, vented gas fireplaces, vented gas fireplace heaters and vented decorative appliances for installation in vented solid fuel-burning fireplaces are installed in rooms that meet the required volume criteria of Section 304.5 of the International Fuel Gas Code, 2015 edition.
3. Appliances installed in a room or space that opens only into a bedroom or bathroom, such room or space is used for no other purpose and is provided with a solid weather-stripped door equipped with an approved self-closing device. All

combustion air shall be taken directly from the outdoors in accordance with Section 304.6 or other adjacent spaces meeting indoor combustion air requirements in Section 304.5 of the International Fuel Gas Code, 2015 edition.

**RBC304.4.2 Section 512.1 General.** Add the following exception:

**Exception:** Radon Systems.

**RBC304.4.3 Section 801.10 Connection to fireplace.** Delete and replace with the following:

**801.10 Connection to fireplace.** Connection of appliances to chimney flues serving fireplaces shall not be permitted.

**RBC304.4.4 Section 901.1 Scope.** Delete "and factory built fireplaces" from the first sentence.

**RBC304.4.5 Section 901.3 Hazardous locations.** Delete.

**RBC304.4.6 Section 901.4 Fireplace accessories.** Delete.

**RBC304.4.7 Section 903 FACTORY BUILT FIREPLACES.** Delete.

**RBC304.4.8 Section 904 PELLET FUEL-BURNING APPLIANCES.** Delete.

**RBC304.4.9 Section 905 FIREPLACE STOVES AND ROOM HEATERS.** Delete.

**RBC304.4.10 Section 910 FLOOR FURNACES.** Delete and replace with the following:

**910 Floor furnaces.** Floor furnaces are prohibited.

**RBC304.4.11 Section 1001.1 Scope.** Delete Exception 7.

**RBC304.4.12 Section 1101.10 Locking access port caps.** Delete

**RBC304.4.13 Section 1108.1 General.** Add the following exception:

4. Refrigeration systems serving dwelling units, not exceeding 5 tons of refrigeration capacity, field piped using approved factory-charged line sets without joints concealed within building construction, and terminating within 5 feet (1,524 mm) of the coil/condenser.

**RBC304.4.14 Section 1208.1 General.** In the first sentence delete "100 pounds per square inch (689 kPa)" and replace with "50 pounds per square inch (345 kPa)".

**RBC304.4.15 Section 1210.10 Tests.** Add the following after the last sentence:

Testing results from an approved third party shall be provided at time of inspection.

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