

RESOLUTION NO. 157-2018

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Effective Date: January 1, 2019

**A RESOLUTION AMENDING ARTICLE 5 OF THE WICHITA-  
SEDGWICK COUNTY UNIFIED BUILDING AND TRADE CODE  
THROUGH THE ADOPTION OF THE INTERNATIONAL  
MECHANICAL CODE, 2018 EDITION, WITH LOCAL AMENDMENTS.**

**WHEREAS**, the Board of County Commissioners is authorized by K.S.A. 19-101 *et seq.*, K.S.A. 12-3303, and K.S.A. 12-1543 to officially adopt, incorporate, and promulgate by resolution codes, rules and regulations for mechanical heating, ventilation and air conditioning contractors within the confines of the unincorporated areas of Sedgwick County and those second- and third-class cities that have adopted those codes, rules, and regulations by action of their governing bodies and have entered into agreements with Sedgwick County related thereto; and

**WHEREAS**, effective January 1, 2013, Sedgwick County and the City of Wichita consolidated code enforcement from their respective jurisdictions within the Metropolitan Area Building and Construction Department (“MABCD”) in Sedgwick County Resolution No. 135-2012 and City of Wichita Ordinance No. 49-333; and

**WHEREAS**, Sedgwick County, Kansas, and the City of Wichita, Kansas, have hereby adopted the Wichita-Sedgwick County Unified Building and Trade Code (“UBTC”) within Resolution No. 175-2012 and Ordinance No. 49-412; and

**WHEREAS**, the Board of County Commissioners of Sedgwick County, Kansas wish to adopt and incorporate the 2018 International Mechanical Code, published by the International Code Council, with amendments noted within this Resolution, within Article 5 of the UBTC.

**NOW, THEREFORE, BE IT RESOLVED THAT THE BOARD OF COUNTY COMMISSIONERS OF SEDGWICK COUNTY, KANSAS, AMENDS ARTICLE 5 OF THE WICHITA-SEDGWICK COUNTY UNIFIED BUILDING AND TRADE CODE AS FOLLOWS:**

***SECTION 1.***

***SECTION 5.1.010 – Adoption of the International Mechanical Code is hereby amended to read as follows:***

The International Mechanical Code, as published by the International Code Council, Inc. 2018 Edition, excluding sections 301.2, 301.3, 507.1.1.1, 802.8, 1101.10, and 1102.3, is hereby adopted and incorporated herein by reference, subject to such amendments thereto as are set forth hereinafter. All provisions within Article V of the Wichita-Sedgwick County Unified Building and Trade Code prior to the passage of the resolution and ordinance adopting the 2018 International Mechanical Code shall remain unchanged, unless otherwise indicated within such resolution and ordinance. Section 101.1 of the International Mechanical Code, as adopted by reference herein, shall be amended to read as follows:

Title. These regulations shall be known as the Wichita – Sedgwick County Unified Building and Trade Code “UBTC”, Article 5, International Mechanical Code, hereinafter referred to as “this Code”.

## **SECTION 2.**

*SECTION 5.1.020 – Scope is hereby amended to read as follows:*

**Section 101.2** of the International Mechanical Code, as adopted by reference herein, shall be amended to read as follows: This Code shall regulate the design, installation, maintenance, alteration and inspection 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 herein. The installation of fuel gas equipment, fuel gas fired appliances and gas-fired appliance venting systems shall be regulated by the 2018 International Fuel Gas Code to the extent it is incorporated by the 2018 International Mechanical Code. Exception: Detached one- and two- family dwellings and multiple single-family dwellings (townhouses) not more than three stories high with separate means of egress and their accessory structures shall be governed by Article 5, Section 4 of the UBTC.

## **SECTION 3.**

*SECTION 5.1.075 – Referenced Codes and Standards is hereby amended to read as follows:*

**Section 102.8– Referenced Codes and Standards.** The codes and standards referenced herein shall be those that are listed in Chapter 15, excluding all references to the 2018 International Energy Conservation Code, and such referenced codes and standards shall be considered as part of the requirements of this Code to the prescribed extent of each such reference and as further regulated in Sections 102.8.1 and 102 .8.2.

## **SECTION 4.**

*SECTION 5.1.175 – Ventilation Required is hereby amended to read as follows:*

**Section 401.2– Ventilation Required.** Every occupied space shall be ventilated by natural means in accordance with Section 402 or by mechanical means in accordance with Section 403. Exception: ASHRAE Standard 62.1-1997 may be substituted for the ventilation requirements of chapter 4 of the 2018 International Mechanical Code.

## **SECTION 5.**

*SECTION 5.1.178 – Duct Installation is hereby amended to read as follows:*

**Section 504.8.2 - Duct Installation.** Exhaust ducts shall be supported at intervals not to exceed 12 feet (3658 mm) vertically or 6 feet (1828.8 mm) horizontally and shall be secured in place. The insert end of the duct shall extend into the adjoining duct or fitting in the direction of

airflow. Exhaust duct joints shall be sealed in accordance with Article 5.1.150 of the UBTC. Exhaust ducts shall not be connected with sheet-metal screws or fastening means which extend into the duct.

## **SECTION 6.**

*SECTION 5.1.179 – Specified Length is hereby amended to read as follows:*

**Section 504.8.4.1 - Specified Length.** The maximum length of the exhaust duct shall be 45 feet (13716 mm) from the connection to the transition duct from the dryer to the outlet terminal. Where fittings are used, the maximum length of the exhaust duct shall be reduced in accordance with Table M1502.4.5.1 of the 2018 International Mechanical Code. The maximum length of the exhaust duct does not include the transition duct.

## **SECTION 7.**

*SECTION 5.4.010 – Scope is hereby amended to read as follows:*

**Section M1201.1. Scope.** The provisions of Chapters 12 through 24 of the 2018 International Residential Code excluding sections M1308.2.1, M1308.2.2, M1308.2.3, M1411.8, M1504.2, and Chapter 20, shall regulate the design, installation, maintenance, alteration and inspection of mechanical systems that are permanently installed and used to control environmental conditions within buildings. These Chapters shall also regulate those mechanical systems, system components, equipment and appliances specifically addressed in this Code.

## **SECTION 8.**

*SECTION 5.4.020. – Ground Clearance is hereby amended to read as follows:*

**Section M1305.1.3.1- Ground Clearance.** Equipment and appliances installed at grade level shall be supported on a level concrete slab or other approved material extending above adjoining grade or shall be suspended a minimum of (6) inches (152 mm) above adjoining grade. Supports for heat pumps shall be at least three (3) inches (76.2 mm) and conform to the manufacturer's specifications.

## **SECTION 9.**

*SECTION 5.4.070 – Auxiliary Drain Pan is hereby amended to read as follows:*

**Section M1411.5 Auxiliary Drain Pan.** Category IV condensing appliances shall have an auxiliary drain pan when located above finished ceilings or furred spaces. These pans shall be installed in accordance with the applicable provisions of section M1411.3.1.

**Exception:** Fuel-fired appliances that automatically shut down operation in the event of a stoppage in the condensate drainage system.

## **SECTION 10.**

*SECTION 5.4.110 – Vertical Clearance is hereby amended to read as follows:*

**Section M1503.1.5 Vertical Clearance.** Domestic cooking appliances either built-in or freestanding shall have a vertical clearance above the cooking top of not less than thirty (30) inches (760 mm) to combustible material or metal cabinets. A minimum clearance of twenty-four (24) inches (610 mm) is permitted when one of the following is installed:

1. The underside of the combustible material or metal cabinet above the cooking top is protected with not less than ¼ inch (6.4 mm) insulating millboard covered with sheet metal not less than 0.0122 inch (0.3 mm) thick.
2. A metal ventilating hood of sheet metal not less than 0.0122 inch (0.3 mm) thick is installed above the cooking top with a clearance of not less than ¼ inch (6.4 mm) between the hood and the underside of the combustible material or metal cabinet, and the hood is at least as wide as the appliance and is centered over the appliance.
3. A listed cooking appliance or microwave oven is installed over a listed cooking appliance and will conform to the terms of the upper appliance's listing and the manufacturers' instructions.

**SECTION 11.**

*SECTION 5.4.120 – Open-Top Broiler Exhaust is hereby amended to read as follows:*

**Section M1503.2.1. Open-Top Broiler Exhaust.** Specified Length is hereby created to read as follows: Domestic open-top broiler units shall be provided with a metal exhaust hood, not less than twenty-eight (28) gauge, with ¼ inch (6 mm) between the hood and the underside of combustible material or cabinets. A clearance of at least thirty (30) inches (760 mm) shall be maintained between the cooking surface and the combustible material or cabinet. The hood shall be at least as wide as the broiler unit and shall extend over the entire unit. Such exhaust hood shall discharge to the outdoors and shall be equipped with a backdraft damper or other means to control infiltration/exfiltration when not in operation. Broiler units incorporating an integral exhaust system, and listed and labeled for use without an exhaust hood, need not be provided with an exhaust hood.

**SECTION 12 - SEVERABILITY**

Should any section, clause or provision of this Resolution be declared by any court of competent jurisdiction to be invalid, the same shall not affect the validity of this Resolution as a whole, or any part thereof, other than the part so declared to be invalid.

**SECTION 13 – PUBLICATION AND EFFECTIVE DATE**

Upon adoption of this Resolution, the Sedgwick County Clerk shall publish this Resolution once in the official county newspaper. This Resolution shall become effective January 1, 2019.

Commissioners present and voting were:

DAVID M. UNRUH  
MICHAEL B. O'DONNELL, II  
DAVID T. DENNIS  
RICHARD RANZAU  
JAMES M. HOWELL

Ave  
Ave  
Ave  
Ave  
Ave

Dated this 14 day of November, 2018.

ATTEST:

for Karen A. Baker  
KELLY B. ARNOLD



BOARD OF COUNTY COMMISSIONERS  
OF SEDGWICK COUNTY, KANSAS

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DAVID T. DENNIS, Chairman  
Commissioner, Third District

David M. Unruh

DAVID M. UNRUH, Chair Pro Tem  
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Commissioner, Fourth District

James M. Howell

JAMES M. HOWELL  
Commissioner, Fifth District

APPROVED AS TO FORM:

Justin M. Waggoner

JUSTIN M. WAGGONER  
Assistant County Counselor