

RESOLUTION NO. 204-2024

Date Adopted: October 9, 2024

Date Published: _____

Effective Date: Upon Publication

**A RESOLUTION TO ADOPT THE 2024 INTERNATIONAL
MECHANICAL CODE AND AMEND CERTAIN SECTIONS OF THE
WICHITA-SEDGWICK COUNTY UNIFIED BUILDING AND TRADE
CODE**

WHEREAS, pursuant to K.S.A. 12-1543, any city or county may adopt and enforce heating, ventilation and air conditioning codes, standards, and regulations as their governing bodies deem appropriate; and

WHEREAS, pursuant to K.S.A. 19-101d, the Kansas State Legislature granted the Board of County Commissioners of Sedgwick County the authority to enforce all resolutions passed pursuant to county home rule powers; and

WHEREAS, the Board of County Commissioners of Sedgwick County and the City of Wichita City Council have adopted the Wichita-Sedgwick County Unified Building and Trade Code (“UBTC”) through Resolution No. 175-2012 and Ordinance No. 49-412; and

WHEREAS, the UBTC is the joint building and trade code within the city limits of the City of Wichita, the unincorporated area of Sedgwick County, and the second- and third-class cities within Sedgwick County that agree to have Sedgwick County inspect and/or enforce such codes within their city limits; and

WHEREAS, Article V of the UBTC contains the Mechanical Code; and

WHEREAS, this Resolution adopts and incorporates the International Mechanical Code, 2024 Edition, with local amendments, into Article V of the UBTC.

NOW, THEREFORE, BE IT RESOLVED THAT THE BOARD OF COUNTY COMMISSIONERS OF SEDGWICK COUNTY, KANSAS, AMENDS 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. 2024 Edition, excluding sections 301.2, 301.3, 507.1.1.1, 802.8, 1101.9, 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 2024 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 2024 International Fuel Gas Code to the extent it is incorporated by the 2024 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 2024 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 5.1.100 – Corrections and Re-inspections is hereby amended to read as follows:

“**Section 111.3.3 – Corrections and Re-inspections.** Corrections shall be completed and work rescheduled for inspection within thirty (30) days from the date of the correction notice. Corrections not completed within thirty (30) days shall be liable for the violation penalties set forth in Article 1.2 of this Code. Access shall be provided for re-inspection by the property owner.”

SECTION 5.

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 2024 International Mechanical Code.”

SECTION 6.

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

“**Section 504.9.2 – 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 5.4.150 of the UBTC. Exhaust ducts shall not be connected with sheet-metal screws or fastening means which extend into the duct.”

SECTION 7.

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

“**Section 504.9.4.1 - 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 504.9.4.1 of the 2024 International Mechanical Code. The maximum length of the exhaust duct does not include the transition duct.”

SECTION 8.

SECTION 5.1.180 – Grease Duct Test is hereby deleted.

SECTION 9.

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 2024 International Residential Code excluding sections M1308.2.1, M1308.2.2, M1308.2.3, M1411.9, 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 10.

SECTION 5.4.060 – Auxiliary and Secondary Drain Systems is hereby amended to read as follows:

“**Section M1411.9.1. Auxiliary and Secondary Drain Systems.** In addition to the requirements of Section M1411.9, a secondary drain or auxiliary drain pan shall be required for each cooling or evaporator coil when located above finished ceilings or furred spaces. Such piping shall maintain a minimum horizontal slope in the direction of discharge of not less than 1/8 vertical in twelve (12) units horizontal (1-percent slope). Drain piping shall be a minimum of 3/4-inch (19 mm) nominal pipe size. One of the following methods shall be used:

1. An auxiliary drain pan with a separate drain shall be installed under the coils on which condensation will occur. The auxiliary pan drain shall discharge to a conspicuous point of

disposal to alert occupants in the event of a stoppage of the primary drain. The pan shall have a minimum depth of 1.5 inches (38 mm), shall not be less than three (3) inches (76 mm) larger than the unit or the coil dimensions in width and length and shall be constructed of corrosion-resistant material. Metallic pans shall have a minimum thickness of not less than 0.0276-inch (0.7 mm) galvanized sheet metal. Nonmetallic pans shall have a minimum thickness of not less than 0.0625 inch (1.6 mm).

2. A separate overflow drain line shall be connected to the drain pan provided with the equipment. This overflow drain shall discharge to a conspicuous point of disposal to alert occupants in the event of a stoppage of the primary drain. The overflow drain line shall connect to the drain pan at a higher level than the primary drain connection.

3. An auxiliary drain pan without a separate drain line shall be installed under the coils on which condensate will occur. This pan shall be equipped with a water level detection device conforming to UL 508 that will shut off the equipment served prior to overflow of the pan. The auxiliary drain pan shall be constructed in accordance with Item 1 of this section.

4. A water level detection device conforming to UL 508 shall be provided that will shut off the equipment served in the event that the primary drain is blocked. The device shall be installed in the primary drain line, the overflow drain line or the equipment-supplied drain pan, located at a point higher than the primary drain line connection and below the overflow rim of such pan."

SECTION 11.

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

“**Section M1411.11. 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 M1411.9.

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

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 approval of this Resolution, the Sedgwick County Clerk is directed to publish this Resolution once in the official county newspaper. This Resolution shall be included in the Wichita-Sedgwick County Unified Building and Trade Code, and shall be effective upon publication.

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Commissioners present and voting were:

PETER F. MEITZNER
SARAH LOPEZ
DAVID T. DENNIS
RYAN K. BATY
JAMES M. HOWELL

Ave
Ave
Absent
Ave
Ave

Dated this 9 day of October, 2024.

ATTEST:

[Signature]
KELLY B. ARNOLD, Clerk


BOARD OF COUNTY COMMISSIONERS
OF SEDGWICK COUNTY, KANSAS

[Signature]
RYAN BATY, Chairman
Commissioner, Fourth District

[Signature]
SARAH LOPEZ, Chair Pro Tem
Commissioner, Second District

APPROVED AS TO FORM:

[Signature]
Armand L. Shukaev
Assistant County Counselor

[Signature]
PETER F. MEITZNER
Commissioner, First District

Absent
DAVID T. DENNIS
Commissioner, Third District

[Signature]
JAMES M. HOWELL
Commissioner, Fifth District