

ARTICLE XIV. ENERGY CONSERVATION CODE

Sec. 18-367. Adoption of *International Energy Conservation Code (2003)*; amendments.

The *International Energy Conservation Code (2003)*, promulgated by the International Code Council, is adopted and incorporated in this article by reference as if fully set forth, except as it is amended by the following provisions of this section. Provisions of this article are in addition to the provisions of the *International Energy Conservation Code*. The following provisions coinciding with provisions of the *International Energy Conservation Code* supercede, or delete, when indicated, the corresponding provisions of the *International Energy Conservation Code*.

All references within the model codes to any building, electrical, gas, mechanical, plumbing, sewage disposal, elevator, energy conservation, or existing building code shall be construed to be a reference to the respective building, electrical, gas, mechanical, plumbing, sewage disposal, elevator, energy conservation, or existing building code specifically adopted by reference in articles II through XIV of this code.

101.1, Title, is deleted.

SECTION 105 INSPECTIONS

This section is deleted.

SECTION 302 THERMAL DESIGN PARAMETERS

302.1 Exterior design conditions. The following design parameters in Table 302.1 shall be used for calculations required under this code.

**TABLE 302.1
EXTERIOR DESIGN CONDITIONS**

CONDITION	VALUE
Winter ^a , Design Dry-bulb (°F)	6
Summer ^a , Design Dry-bulb (°F)	96/74
Summer ^a , Design Wet-bulb (°F)	93/74
Degree days heating ^b	5393
Degree days cooling ^b	1288
Climate zone ^c	11B

For SI: °C = [(°F) - 32] / 1.8.

- a. The outdoor design temperature shall be selected from the columns of 97½ percent values for winter and 2½ percent values for summer from tables in the ASHRAE *Handbook of Fundamentals*. Adjustments shall be permitted to reflect local climates which differ from the tabulated temperatures, or local weather experience determined by the building official.
- b. The degree days heating (base 65°F) and cooling (base 65°F) shall be selected from NOAA "Annual Degree Days to Selected Bases Derived from the 1961-1990 Normals," the ASHRAE *Handbook of Fundamentals*,

data available from adjacent military installations, or other source of local weather data acceptable to the building official.

- c. The climate zone shall be selected from the applicable map provided in Figures 902.1(1) through 902.1(51) in Chapter 9 of this code.

(Ord. No. 010783, 8-23-01; Ord. No. 040477, 8-12-04)

Secs. 18-368—18-383. Reserved.