

**Effective Date is December 8, 2006**

**Except the new definition of the panhandle windborne debris region which is  
March 8, 2007**

**FLORIDA BUILDING CODE  
2006 SUPPLEMENT**

*Florida Building Code, Building*

**CHAPTER 1, ADMINISTRATION**

**Section 101.4.9 Add as a new section to read as follows:**

101.4.9 Manufactured buildings. For additional administrative and special code requirements, see section 428, Florida Building Code, Building, and Rule 9B-1 F.A.C.

**Section 106.3 Change to read as follows:**

**106.3 Examination of documents.** The building official shall examine or cause to be examined the accompanying construction documents and shall ascertain by such examinations whether the construction indicated and described is in accordance with the requirements of this code and other pertinent laws or ordinances.

**Exceptions:**

1. Building plans approved pursuant to Section 553.77(56), Florida Statutes, and state-approved manufactured buildings are exempt from local codes enforcing agency plan reviews except for provisions of the code relating to erection, assembly or construction at the site. Erection, assembly and construction at the site are subject to local permitting and inspections.

[Remaining text unchanged.]

**CHAPTER 2, DEFINITIONS**

**Add new definition to read as follows:**

TENANT. Any person, agent, firm, corporation or division, who uses or occupies land, a building or portion of a building by title, under a lease, by payment of rent or who exercises limited control over the space.

**CHAPTER 3  
USE AND OCCUPANCY CLASSIFICATION**

**Section 304.2 Change to read as follows:**

**304.2** Sections 423(1) and 423(2) are applicable to community colleges ~~state university systems~~.

number	Title	section number
ANSI Z21.10.3-2001	Gas Water Heater, Volume 3, Storage with input ratings above 75,000 Btu/h, Circulating and Instantaneous Water Heaters	Table 412.1.ABC.3, 612.1.ABC.3.2E, <u>608.2.A.3.5</u>

**ARI**

Standard reference number	Title	Referenced in code section number
<u>ARI 390-2001</u>	<u>Single Package Vertical Air-Conditioners and Heat Pumps</u>	<u>407.1.ABC.3.2D,</u> <u>607.1.ABC.3.2D</u>

<u>ARI Std. 1160-2004</u>	<u>Performance Rating of Heat Pump Pool Heaters</u>	<u>Table 13-412.1.ABC.3</u> <u>13-612.1.ABC.2.3.4</u>
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**13-400.3 Change to read as follows:**

**13-400.3.ABC.3 forms.** Forms referenced in Table 400.3.ABC.3 shall be used to demonstrate code compliance with this chapter. Climate zones are listed by county and city in Appendix 13-A of this chapter.

**TABLE 13-400.3.ABC.3  
INDEX TO COMMERCIAL CODE COMPLIANCE FORMS**

METHOD	FORM NO.
Method A Whole Building Performance	Form 400A-04 <u>R</u> (FLA/COM Computer printout)
Method B Building Envelope Trade-off	Form 400B-04 <u>R</u> (FLA/COM Computer printout)
Method C Buildings Prescriptive Envelope	Form 400C-04 (separate forms for N, C & S FL)

**13-400.3.A Method A forms.** An accurately completed Form 400A-04R (generated by the FLA/COM-2004 computer program, Version 2.5) demonstrating that code compliance has been achieved shall be submitted to the building official for Method A compliance. Calculations shall be performed for the climate zone in which the building will be located and according to the procedures specified for Method A in this subchapter.

**13-400.3.B Method B forms.** An accurately completed Form 400B-04R (generated by the FLA/COM-2004 computer program, Version 2.5) demonstrating that code compliance has been achieved shall be submitted to the building official for Method B compliance. Calculations shall be performed for the climate zone in which the building will be located and according to the procedures specified for Method B in this subchapter.

**Sections 13-407.1.ABC.3.1.1 Change to read as shown:**

**13-407.1.ABC.3.1.1 Equipment Efficiency Verification.** Equipment covered under the Federal Energy Policy Act of 1992 (EPACT) shall comply with U.S. Department of Energy certification requirements. For other equipment, if a certification program exists for a product covered in Tables 13-407.1.ABC.3.2A through 13-407.1.ABC.3.2D, and it includes provisions for

**Table 13-412.1.ABC.3 Change to add row as shown:**

**Table 13-412.1.ABC.3**

**PERFORMANCE REQUIREMENTS FOR WATER HEATING EQUIPMENT.**

<b>Equipment Type</b>	<b>Size Category (input)</b>	<b>Subcategory or rating condition</b>	<b>Performance Required</b>	<b>Test Procedure</b>
<b>Heat Pump Pool Heaters</b>	<b>All</b>	<b>---</b>	<b>4.0 COP At low air temperature</b>	<b>ARI 1160<sup>5</sup></b>

**5. Test reports from independent laboratories are required to verify procedure compliance.**

**Section 13-415.1.ABC.1.1 Change to read as shown:**

**13-415.1.ABC.1.1 Automatic lighting shutoff.** Interior lighting in buildings larger than 5,000 square feet (465 m<sup>2</sup>) shall be controlled with an automatic control device to shut off building lighting in all spaces. This automatic control device shall function on either:

1. A scheduled basis using a time-of-day operated control device that turns lighting off at specific programmed times—an independent program schedule shall be provided for areas of no more than 25,000 square feet (2323 m<sup>2</sup>) but not more than one floor.
2. An occupant sensor that shall turn lighting off within 30 minutes of an occupant leaving a space.
3. A signal from another control or alarm system that indicates the area is unoccupied.

**Exceptions:** The following shall not require an automatic control device.

- a. Lighting intended for 24-hour operation shall not require an automatic control device.
- b. Lighting in spaces where patient care is rendered.
- c. Spaces where an automatic shutoff would endanger the safety or security of the room or building occupant(s).

**Section 13-415.1.ABC.1.2 Change to read as shown:**

**13-415.1.ABC.1.2 Space control.** Each space enclosed by ceiling-height partitions shall have at least one control device to independently control the general lighting within the space. Each manual device shall be readily accessible and located so the occupants can see the controlled lighting. Each control device shall be activated either manually by an occupant or automatically by sensing an occupant. Each control device shall:

- ~~1. Control a maximum of 2,500 square feet (232 m<sup>2</sup>) area for a space 10,000 square feet (929 m<sup>2</sup>) or less and a maximum of 10,000 square feet (929 m<sup>2</sup>) area for a space greater than 10,000 square feet (929 m<sup>2</sup>), and~~
- ~~2. Be capable of overriding any time-of-day scheduled shut-off control for no more than four hours.~~
- a. A control device shall be installed that automatically turns lighting off within 30 minutes of all occupants leaving a space, except spaces with multi-scene control, in:
  1. Classrooms (not including shop classrooms, laboratory classrooms, and preschool through 12<sup>th</sup> grade classrooms)
  2. Conference/meeting rooms.
  3. Employee lunch and break rooms.

Table 13-6A-21 on Form 600A based on those listed in the effective space heating efficiency (CA afue) as listed by the GAMA where the system has been tested to ANSI/ASHRAE 124 or may utilize the heating system credit multipliers for the water heater recovery efficiency and climate zone on Table 13-6C-15-12 in section 5.1.2 of Appendix 13-C of this chapter if not so tested. Heating system multipliers for combined gas instantaneous (tankless) water heating and space heating systems shall be determined from Table 13-6C-15.1 in section 5.1.2 of Appendix 13-C based on the Thermal Efficiency ( $E_t$ ) rating of the gas instantaneous (tankless) water heater in accordance with ANSI test method Z21.10.3. A gas instantaneous (tankless) water heater shall be as defined in Section 13-612.1.ABC.3.2.3.

**Section 13-612.1.ABC.2.3.1 Change to read as shown:**

**13-612.1.ABC.2.3.1 On-off switch required.** All pool and spa heaters shall be equipped with an on-off switch mounted for easy access to allow the heater to be shut off without adjusting the thermostat setting and to allow restarting without relighting the pilot light.

[13-612.1 ABC.2.3.2 and 13-612.1.ABC.2.3.3 Remain unchanged.]

~~All gas- and oil-fired pool heaters when tested in accordance with ANSI Z 21.56 shall have a minimum thermal efficiency of 78 percent.~~

**13-612.1.ABC.2.3.4 Pool heater efficiency.**

All gas- and oil-fired pool heaters when tested in accordance with ANSI Z 21.56 shall have a minimum thermal efficiency of 78 percent.

Heat pump pool heaters shall be tested in accordance with ARI 1160, Table 2, Standard Rating Conditions-Low Air Temperature, and shall have a minimum COP of 4.0.

**Section 13-612.1.ABC.3.2.3 Add section to read as shown:**

**13-612.1.ABC.3.2.3 Gas Instantaneous or Tankless Water Heaters.** All gas-fired instantaneous (tankless) water heaters that a) initiate heating based on sensing water flow, b) are designed to deliver water at a controlled temperature of less than 180 °F (82 °C), c) have an input less than 200,000 Btu/h (210 MJ/h), d) have a manufacturer's specified storage capacity of less than 2 gallons (7.6 liters) and, e) have either a fixed or variable burner input shall, when tested in accordance with the DOE Uniform Test Method for Measuring the Energy Consumption of Water Heaters, Appendix E to Subpart B, Title 10 CFR 430, meet the performance minimums established in Title 10 CFR 430.32, Energy and Water Conservation Standards and Effective Dates.

**Section 13-612.1.ABC.3.5 Change to read as shown:**

**13-612.1.ABC.3.5 Combination service water heating and space heating equipment.**

Service water heating equipment used to provide additional functions (e.g. space heating) as part of a combination (integrated) system shall comply with minimum performance requirements for water heating equipment.

Combination water and space heating systems utilizing a storage tank water heater as the heat source for space heating purposes with input ratings of 105,000 Btu/h (360m<sup>3</sup>/kW) or less shall