



FLORIDA BUILDING COMMISSION

POOL EFFICIENCY SUBCOMMITTEE TO THE
FLORIDA ENERGY CODE WORKGROUP

February 1, 2010—Meeting III

Embassy Suites Hotel USF
3705 Spectrum Boulevard—Tampa, Florida 33612—1.813.977.7066

(3) Commercial or residential swimming pool pumps or water heaters sold after July 1, 2011, shall comply with the requirements of this subsection. Natural gas pool heaters shall not be equipped with constantly burning pilots. Heat pump pool heaters shall have a coefficient of performance at low temperature of not less than 4.0. The thermal efficiency of gas fired pool heaters and oil-fired pool heaters shall not be less than 78 percent. All pool heaters shall have a readily accessible on-off switch that is mounted outside the heater and that allows shutting off the heater without adjusting the thermostat setting.

(4) Pool pump motors shall not be split-phase, shaded pole, or capacitor start-induction run types. Residential pool pumps and pool pumps motors with a total horsepower of 1 HP or more shall have the capability of operating at two or more speeds with a low speed having a rotation rate that is no more than one-half of the motor's maximum rotation rate. Residential pool pump motor controls shall have the capability of operating the pool pump at a **minimum of two speeds**. The default circulation speed shall be the residential filtration speed, with a higher speed override capability being for a temporary period not to exceed one normal cycle or 120 minutes, whichever is less. Except that circulation speed for solar pool heating systems shall be permitted to run at higher speeds during periods of usable solar heat gain.

5) Portable electric spas standby power shall not be greater than $5(V^{2/3})$ watts where V = the total volume, in gallons, when spas are measured in accordance with the spa industry test protocol.

~~(6)~~(3) The Florida Energy Efficiency Code for Building Construction may include standards for other appliances and energy-using systems if they are determined by the department to have a significant impact on the energy use of the building and if they are cost-effective to the consumer.

(7)(4) If the provisions of this section are preempted in part by federal standards, those provisions not preempted shall apply.

Section 110. Subsection (1) of section 553.909, Florida Statutes, is amended, subsections (3) and (4) are renumbered as subsections (6) and (7), respectively, and new subsections (3), (4), and (5) are added to that section, to read: