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CS/CS/CS/CS/HB 663, Engrossed 2

2010 Legislature

- 1849 solar water heating.
- 1850 (b) Energy-efficient appliances.
- 1851 (c) Energy-efficient windows, doors, and skylights.
- 1852 (d) Low solar-absorption roofs, also known as "cool
- 1853 roofs."
- 1854 (e) Enhanced ceiling and wall insulation.
- 1855 (f) Reduced-leak duct systems and energy-saving devices
- 1856 and features installed within duct systems.
- 1857 (g) Programmable thermostats.
- 1858 (h) Energy-efficient lighting systems.
- 1859 (i) Energy-saving quality installation procedures for
- 1860 replacement air-conditioning systems, including, but not limited
- 1861 to, equipment sizing analysis and duct inspection.
- 1862 (j) Shading devices, sunscreening materials, and
- 1863 overhangs.
- 1864 (k) Weatherstripping, caulking, and sealing of exterior
- 1865 openings and penetrations.
- 1866 (l) Energy-efficient centralized computer data centers in
- 1867 office buildings.
- 1868 Section 43. Subsections (3) and (4) of section 553.909,
- 1869 Florida Statutes, are amended to read:
- 1870 553.909 Setting requirements for appliances; exceptions.-
- 1871 (3) Commercial or residential swimming pool pumps or water
- 1872 heaters manufactured on or ~~sole~~ after July 1, 2011, shall comply
- 1873 with the requirements of this subsection.
- 1874 (a) Natural gas pool heaters shall not be equipped with
- 1875 constantly burning pilots.
- 1876 (b) Heat pump pool heaters shall have a coefficient of

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1877 performance at low temperature of not less than 4.0.

1878 (c) The thermal efficiency of gas-fired pool heaters and  
 1879 oil-fired pool heaters shall not be less than 78 percent.

1880 (d) All pool heaters shall have a readily accessible on-  
 1881 off switch that is mounted outside the heater and that allows  
 1882 shutting off the heater without adjusting the thermostat  
 1883 setting.

1884 ~~(a)~~ (4)(a) Residential swimming pool filtration pumps and pump  
 1885 motors manufactured on or after July 1, 2011, must comply with  
 1886 the requirements in this subsection.

1887 (b) Residential filtration pool pump motors shall not be  
 1888 split-phase, shaded-pole, or capacitor start-induction run  
 1889 types.

1890 (c) Residential filtration pool pumps and pool pump motors  
 1891 with a total horsepower of 1 HP or more shall have the  
 1892 capability of operating at two or more speeds with a low speed  
 1893 having a rotation rate that is no more than one-half of the  
 1894 motor's maximum rotation rate.

1895 (d) Residential filtration pool pump motor controls shall  
 1896 have the capability of operating the pool pump at a minimum of  
 1897 two speeds. The default circulation speed shall be the  
 1898 residential filtration speed, with a higher speed override  
 1899 capability being for a temporary period not to exceed one normal  
 1900 cycle or 24 hours ~~120 minutes~~, whichever is less; except that  
 1901 circulation speed for solar pool heating systems shall be  
 1902 permitted to run at higher speeds during periods of usable solar  
 1903 heat gain.

1904 Section 44. Section 553.912, Florida Statutes, is amended