LIVERMORE
CALIFORNIA

Swimming Pool and Spa Efficiency Standards

2007 California Energy Efficiency Standards

Certification by Manufacturers:
Any pool or spa heating system or equipment may be installed only if the manufacturer has certified that the system or equipment has all of the following:

Efficiency: A thermal efficiency for gas-fired systems of at least 78 percent, when tested according to ANSI Standard 221.56-1994; **and**

On-Off Switch: A readily accessible on-off switch, mounted outside the heater, that allows shutting off the heater without adjusting the thermostat setting; **and**

Instructions: A permanent, easily readable, and weatherproof plate or card that gives instruction for the energy efficient operation of the pool or spa and for the proper care of pool and spa water when a cover is used; **and**

Electric Resistance Heating: No electric resistance heating; **and**

Exception No. 1 to Section 114(a)4: Listed package units with fully insulated enclosures, and with tight-fitting covers that are insulated to at least R-6.

Exception No. 2 to Section 114(a)4: Pools or spas deriving at least 60 percent of the annual heating energy from site solar energy or recovered energy.

Pilot Light: No pilot light.

Installation:

Any pool or spa heating system or equipment shall be installed with all of the following:

Piping: At least 36 inches of pipe between the filter and the heater, to allow for the future addition of solar heating equipment; **and**

Covers: A cover for outdoor pools or outdoor spas; **and**

Exception to Section 114(b)2. Pools and spas deriving at least 60 percent of the annual heating energy from site solar energy or recovered energy.

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Permit Center

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Directional Inlets and Time Switches for Pools

If the system or equipment is for a pool:
The pool shall have directional inlets that adequately mix the pool water; **and**

Circulation Pump: The circulation pump shall have a time switch that allows the pump to be set to run in the off-peak electric demand period and for the minimum time necessary to maintain the water in the condition required by applicable public health standards.

Exception to Section 114(b)3. Where applicable public health standards require on-peak operations.