

From Chapter 13 Energy Efficiency, Subchapter 13-6 Residential Building Compliance Methods

13-612.ABC.2.3 Swimming pool and spa temperature controls.

13-612.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.ABC.2.3.2 Covers required. Spas and heated swimming pools shall be equipped with a cover designed to minimize heat loss.

Exception: Outdoor pools deriving over 70 percent of the energy for heating from nondepletable on site-recovered sources computed over an operating season are exempt from this requirement.

13-612.ABC.2.3.3 Time clocks on private pools. Time clocks shall be installed on private pools so that the pump can be set to run during off-peak electric demand periods and can be set for the minimum time necessary to maintain the water in a clear and sanitary condition in keeping with applicable health standards.

Exceptions: Pumps connected to swimming pool solar water heating systems or any pool legally considered a public pool.

13-612.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.

13-612.ABC.2.4 Showers. Showers used for other than safety reasons shall be equipped with flow control devices to limit the water discharge to a maximum of 2.50 gpm (.16 L/S) per shower head at a distribution pressure of 80 psig (552 kPa) when tested in accordance with the procedures of [ANSI A112.18.1M](#). Flow-restricting inserts used as a component part of a showerhead shall be mechanically retained at the point of manufacture.

From Chapter 13 Energy Efficiency, Subchapter 13-4 Commercial Building Compliance Methods

13-412.ABC.2.6 Swimming pool and spa temperature controls.

13-412.ABC.2.6.1 Time switches. Time switches shall be installed on swimming pool heaters and pumps.

Exceptions:

1. Where public health standards require 24-hour pump operation.
2. Where pumps are required to operate solar and waste heat recovery pool heating systems.

13-412.ABC.2.6.2 Pool covers. Heated pools shall be equipped with a vapor retardant pool cover on or at the water surface. Pools heated to more than 90°F (32°C) shall have a pool cover with a minimum insulation value of *R*-12.

Exception: Pools deriving over 60 percent of the energy for heating from site-recovered energy or solar energy source.

13-412.ABC.2.6.3 Pool heaters. Pool heaters shall be equipped with a readily accessible on-off switch to allow shutting off the heater without adjusting the thermostat setting. Pool heaters fired by natural gas shall not have continuously burning pilot lights.