



MECHANICAL CODE MANUAL

MCM 301.1

04/01/03

SWIMMING POOL HEATERS

The following requirements apply to new or replacement fossil-fuel swimming pool heaters installed to heat a residential swimming pool:

1. An ON-OFF switch mounted on the outside of the heater for easy access to allow shutting off the operation of the heater without relighting the pilot light.
2. A permanent weatherproof plate or card, easily readable, giving instructions for the energy efficient operation of the swimming pool and for the proper care of swimming pool water when a swimming pool cover is used.
3. A length of plumbing (thirty-six [36] inches minimum) between the filter and the fossil fuel heater to allow for the future addition of solar heating equipment.
4. Any new or replacement fossil-fueled swimming pool heater shall have a thermal efficiency of at least seventy-five (75) percent when tested in accordance with ANSI Z21.56-1998.
5. Outdoor pools equipped with a fossil fuel or electric heater shall also be equipped with a pool cover.
6. Time clocks shall be installed on any new or replacement pool circulation pump not already so equipped, so that the pump can be set to run in the off-peak electric demand period (unless required to operate an active solar pool heating system) and for the minimum time necessary to maintain the water in a clear and sanitary condition in keeping with applicable public health standards. Where public health standards require twenty-four (24) hour operation, time clocks shall not be required.
7. All new pools shall be equipped with directional inlets which provide for adequate mixing of the pool water.

Supersedes MCM 301.1 (1/96).

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