



**Informal Interpretation Report
Number 7338**



Date June 22, 2014

Edition 2010

Section 403.9.2

Question:

Is it the intent of The 2010 Energy Conservation Code section 403.9.2 to require that a separate time switch be provided for a swimming pool heater comparable to the time switch provided for the pool pump which can be set to turn on and off at a certain time?

Answer

No. Section 403.9.2 does not mandate the use of a single time switch for both the heater(s) and pump(s), nor does the section indicate separate time switches are required.

This would be a design consideration.

Commentary:

If pumps are not switched and run 24 hours, the required time switch would need to be associated with the heater only (there is no exception for the heater switch; Exception 1 applies to the pump only).

This exception aside, there is no specific verbiage indicating that separate switches need to be provided for the pump and the heater. Nor is there verbiage

requiring that the pump and heater be controlled independently.

The Code is silent on the issue of two independent controls. As a practical matter, pools serving multifamily residential buildings must filter (pump) 24/7. The one required timeswitch is then relegated to heater duty. In a single family home, heater utilization will vary according to the season, weather, time of year, and time of day. No timeswitch can be programmed to fulfill all these needs.

The power or gas bill will motivate the resident to turn the heater off and to use sparingly.

Notice:

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