

2010 New York Energy Code for all Pools.

Swimming Pools

Heated pools:

- Pool heaters must have an ON-OFF switch
- Must be equipped with a pool cover
 - Exception: if pool is heated 20% by a non-depletable source (yes, this is difficult to determine and will ultimately be up to the jurisdiction)

All pools:

- Time clocks for circulation pumps - allows pump to be run at times when electric demand is lower and can be set to run for the minimum time necessary to keep the water clean and sanitary

Benefits of a pool cover

For outdoor pools:

- eliminates evaporative losses
- covers can save up to 50% on energy consumption

For indoor pools:

- eliminates evaporative losses
- reduces or eliminates the need for humidity control

Pump Operation

For circulating hot water systems, an on-off switch is required to turn the pump off when the system is not in operation.

Pipe Insulation

Minimum Pipe Insulation (thickness in inches)

SERVICE WATER-HEATING TEMPERATURES (°F)	PIPE SIZES ^a			
	Noncirculating runouts	Circulating mains and runouts		
	Up to 1"	Up to 1.25"	1.5" to 2"	Over 2"
170-180	0.5	1.0	1.5	2.0
140-169	0.5	0.5	1.0	1.5
100-139	0.5	0.5	0.5	1.0

http://www.energycodes.gov/training/res_wbt/swh.stm