

Pool Heating Sizing Table

	Pool Size						
	20' x 10'	24' x 12'	28' x 14'	30' x 15'	32' x 16'	38' x 16'	40' x 20'
Pool Surface Area ft ²	200	288	392	450	512	608	800
Pool Surface Area M ²	19	27	36	42	48	56	74
Pool Volume Gallons (assuming ave depth 4')	5000	7200	9800	11250	12800	15200	20000
Pool Volume M ³	23	33	45	51	58	69	91
Thermalec Electric Heater - Economy 7 only	15	24	30	36	45	48	60
Thermalec Electric Heater - all day use	9	9	12	12	15	18	24
Calorex ProPac Heat Pump	8	8	12	12	16	16	22
Certikin Genie gas heater	20	20	35	35	35	50	50
Certikin MB gas heater	055	105	155	155	185	265	265
Laars Lite 2 gas heater	125	125	125	175	175	250	250
Certikin COH oil heater	110	110	180	180	180	220	220
Filter Pump h/p	½	½	¾	¾	¾	1	1½
Sand Filter diameter inches	16	18	24	24	24	30	36

Assumptions:

- Pool is covered for 20hrs a day
- Pool is in ground without a high water table
- Target water temperature - 85°F (29.5°C)
- Pool is outdoors and not enclosed
- Pool season is May - Sept

The above heater, pump and filter sizes are recommendations based on scientific principles, industry standards and experience. Depending on local conditions, cover type and heating season etc., smaller or larger heaters may be required.