

# CALYPSO

## 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 <sup>2</sup>	200	288	392	450	512	608	800
Pool Surface Area M <sup>2</sup>	19	27	36	42	48	56	74
Pool Volume Gallons (assuming ave depth 4')	5000	7200	9800	11250	12800	15200	20000
Pool Volume M <sup>3</sup>	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	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	175/250	250
Certikin COH oil heater	110	110	180	180	180	180/220	220/280
Filter Pump h/p	½	½	¾	¾	¾	1	1½
Sand Filter diameter inches	16	18	24	24	24	30	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 Apr - Oct
- Pool is for domestic use only and filtration turnover cycle is 6 - 8 hours

