

Selection Guide for Electric Swimming Pool Heaters

Use this table to select the proper size Coates Electric Swimming Pool Heater for your pool. Note that the shaded columns are for indoor pools only. If the indoor pool enclosure is air conditioned or has dehumidification equipment a larger heater should be selected, the heater sized for outdoor use is recommended. Outdoor sizing is based on a 3½ MPH wind speed and partial sun exposure to the water surface. High wind areas or pools that are located in the shade may need a larger heater.

COATES ELECTRIC SWIMMING POOL & SPA HEATERS												
Temp.	10ΔT		15ΔT		20ΔT		25ΔT		30ΔT		35ΔT	
Rise	Outdoor	Indoor	Outdoor	Indoor	Outdoor	Indoor	Outdoor	Indoor	Outdoor	Indoor	Outdoor	Indoor
MODEL	Pool Surface Area in Square Feet											
12CE	409	546	273	364	205	273	164	218	137	182	117	156
15CE	512	682	341	455	256	341	205	273	171	228	146	195
18CE	614	819	409	546	307	409	246	328	205	273	175	234
24CPH	819	1092	546	728	409	546	328	437	273	364	234	312
30CPH	1024	1365	682	910	512	682	409	546	341	455	292	390
36PHS	1228	1638	819	1092	614	819	491	655	409	546	351	468
45PHS	1535	2047	1024	1365	768	1024	614	819	512	682	439	585
54PHS	1843	2457	1228	1638	921	1228	737	983	614	819	526	702
57PHS	1945	2593	1297	1729	972	1297	778	1037	648	864	556	741

HOW TO USE THIS TABLE:

TABLE2.DOC, REV, 5/19/99 REW

- ① Determine the size of the pools surface area in square feet.
- ② Obtain the average air temperature of the coldest month the pool will be in use (this information is available from your local weather service).
- ③ Subtract the average air temperature from the desired water temperature, usually 78°-82° F, for required temperature rise.
- ④ Using the table, select the temperature rise colimn for your pool and read down to the surface area square feet determined in item ①. Use the correct column for outdoor or indoor pools. At the surface area closest to your pool read over to the left for the correct Coates Electric Heater for your swimming pool.