



Pool Equipment Sizing Chart

Our pool equipment sizing chart has been designed to help you select the correct equipment for your pool, whether you are replacing existing equipment or building a new pool, this guide will aid in your choice. This chart is only a guide, as each installation is different, it may be necessary to adapt the specification of the equipment to suit. If you are in any doubt please contact us.

<u>Pool Size</u>	<u>Feet</u> <u>Metres</u>	20' x 10' 6 x 3 m	24' x 12' 7 x 3.5 m	28' x 14' 8.5 x 4 m	30' x 15' 9 x 4.5 m	32' x 16' 10 x 5 m	36' x 18' 11 x 5.5 m	40' x 20' 12 x 6 m
<u>Surface</u>	Area Ft ²	200	288	392	450	512	648	800
	M ²	18	25	34	40	40	60	72
<u>Capacity</u>	Gallons	5,625	8,000	11,000	12,500	14,500	18,250	22,500
	Litres (M ³)	25,500 (25)	36,350 (35)	50,100 (47)	56,825 (66)	66,000 (70)	83,000 (85)	102,000 (100)
<u>Pump Size</u>	HP	½	½ - ¾	¾	¾ - 1	1	1 - 1½	1½
	KW	0.37	0.37	0.56	0.56	0.75	0.75	1.10
<u>Filter Size</u>	Dia. Inch	19"	19"	19"	24"	24"	24"	30"
	Dia. mm	480 mm	480 mm	480 mm	610 mm	610 mm	610 mm	782 mm
<u>Heat Pump</u> <u>Calorex</u>	KW	12	15	15	15 / 23	23	30	30
	Model No.	631	631	831	831 / 1231	1231	1531 (3 Phase)	1531 (3 Phase)
<u>Gas Boiler</u> <u>(Conventional)</u>	Indoor Pool	30,000 BTU	40,000 BTU	55,000 BTU	62,500 BTU	72,500 BTU	91,250 BTU	112,500 BTU
	Outdoor Pool	60,000 BTU	80,000 BTU	110,000 BTU	125,000 BTU	145,000 BTU	182,500 BTU	225,000 BTU
<u>Oil Boiler</u>	Indoor Pool	110,000 BTU	110,000 BTU	110,000 BTU	110,000 BTU	110,000 BTU	110,000 BTU	110,000 BTU
	Outdoor Pool	110,000 BTU	110,000 BTU	110,000 BTU	180,000 BTU	180,000 BTU	180,000 BTU	220,000 BTU
<u>Electric Heater</u> <u>(Thermalec)</u>	Indoor Pool	7.5 KW	9 KW	15 KW	15 KW	18 KW	21 KW	24 KW
	Outdoor Pool	9 KW	15 KW	18 KW	21 KW	24 KW	30 KW 3Ø	48 KW 3Ø

Capacity - Assumes an average water depth of 4' 6" (1.4 m), if your pool is shallower / deeper then please adjust the capacity accordingly.

Heat Pumps - Assumes the pool pump will be run for at least 12 hours per day, that the pool is not surrounded by high ground water, the pool is run from May – Sept although extended seasons from April – Oct are possible but not guaranteed . Average pool depth 1.4 m / 4' 3".

Gas, Electric & Oil Heaters – assumes that indoor pools are covered for 90% of the time, that the air heating is provided by a separate heat source not linked to the pool heater. Outdoor pools will need to be covered during the evenings, the swimming season will be April – Oct where a good cover is used.