

ELECTRIC HEAT PUMP SIZING CHART

Basic Principles for Sizing Heat Pump

Size at 4 BTU's per gallon of water - To heat pool in normal **summer conditions** when ambient air temperature average 70°F in a 24 hour period.

Size at 5 BTU's per gallon of water - To heat pool in normal **spring and fall conditions** when ambient air temperature average 60°F in a 24 hour period.

Size at 6 BTU's per gallon of water - To heat pool in **extended spring and fall conditions** when ambient air temperature average less then 60°F in a 24 hour period.

Swimming Pool Sizing Chart - ROUND

Pool Size (Feet)	Summer 4 BTU/Gallon	Spring & Fall 5 BTU/Gallon	Extended Season 6 BTU/Gallon
Up To 21' Round	50,000 BTU	50,000 BTU	65,000 BTU
Up To 24' Round	50,000 BTU	65,000 BTU	85,000 BTU
Up To 27' Round	65,000 BTU	85,000 BTU	110,000 BTU
Up To 30' Round	85,000 BTU	110,000 BTU	125,000 BTU

Swimming Pool Sizing Chart - OVAL

Pool Size (Feet)	Summer 4 BTU/Gallon	Spring & Fall 5 BTU/Gallon	Extended Season 6 BTU/Gallon
Up To 15' x 26' Oval	50,000 BTU	50,000 BTU	65,000 BTU
Up To 15' x 30' Oval	50,000 BTU	65,000 BTU	85,000 BTU
Up To 18' x 33' Oval	65,000 BTU	85,000 BTU	110,000 BTU
Up To 18' x 40' Oval	85,000 BTU	110,000 BTU	125,000 BTU

Swimming Pool Sizing Chart - BY GALLONS

Capacity	Summer 4 BTU/Gallon	Spring & Fall 5 BTU/Gallon	Extended Season 6 BTU/Gallon
Up To 10,000 Gallons	50,000 BTU	50,000 BTU	65,000 BTU
Up To 13,000 Gallons	50,000 BTU	65,000 BTU	85,000 BTU
Up To 17,000 Gallons	65,000 BTU	85,000 BTU	110,000 BTU
Up To 21,000 Gallons	85,000 BTU	110,000 BTU	125,000 BTU

More BTU's means more power, more heat transfer, quicker results and less operation time.