Calculations & References

Approximate Gallons of Water in a Pond

Length x Width x 80% x Avg. Depth x 7.48 = total gallons
***the basin takes up approximately 80% of the actual SQ. FT.

Electrical Consumption / Conversions

Amps x Volts ÷ 1,000 x .10 (kw/perhour) x 24 hrs x 30.4 days = Monthly Cost
Watts = volts x amps
Amps = watts ÷ volts

MicroPond/ Rock Calculation for the POND

Length x Width ÷ 65 = Tons of boulders

MicroPond / Quantity of Boulders used in a STREAM

For Every 10' of STREAM = (½ TON) 6"-12" & (½ TON) 12"-18"

Quantity of GRAVEL Used in the POND

Pond Gravel = 30% total tons of pond boulders

Hardiness Zone Chart