Charts and Conversions:

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.

Approximate Gallons of Water in a STREAM
(Length x Width x .25 (Depth) x 7.48) = Gallons in the stream.
****You need 2x the amount of water in your basin****

Approximate Gallons of Water in a PONDLESS ® WATERFALL BASIN
With Stone
Length x Width x Depth x 2.2 = Gallons in the Basin
With Large Matrix
Length x Width x Depth / 4.3 = Number of matrix used
Number of matrix used x 32 = Gallons in the Basin
With Small Matrix
Length x Width x Depth / 2.3 = Number of matrix used
Number of matrix used x 17 = Gallons in the Basin

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

Rock Calculation for the POND
Length x Width ÷ 40 = Tons of boulders
Using a 1:2:1 ratio
For every (1 TON) of 6”-12” rock, Get (2 TON) of 12”-18” and (1 TON) of 18”-24”

Quantity of Boulders used in a STREAM
For Every 10’ of STREAM = (1 ½ TON) using 1:2:1 RATIO from above

Quantity of GRAVEL Used in the POND
Pond Gravel = 30% total tons of pond boulders

Quantity of GRAVEL Used in the STREAM
Stream Gravel = 30% total tons of STREAM Boulders

Small MicroPond/ D.I.Y. Rock Calculation for the POND
Length x Width ÷ 65 = Tons of boulders

Small MicroPond / D.I.Y. Quantity of Boulders used in a STREAM
For Every 10’ of STREAM = (½ TON) 6”-12” & (½ TON) 12”-18”