Pond Pricing Standards
& Calculations

Rock Calculations for the POND

Length * Width / 40 = Tons of Boulders

*****using the 1:2:1 ratio*****

For every (1 ton) of 6-12" rock, get (2 ton) of 12-18" & (1 ton) of 18-24"

Quantity of boulders used in a STREAM

For every 10' of STREAM= (2 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 stream

Stream gravel = 30% of total tons of stream boulders

Quantity of boulders used for the face of the Bio-Falls

MicroFalls= (1 ton) will cover the face of the Bio-Falls
Signature Series 2500 Bio-Falls= (2) ton,(1 ton 12-18", 1 ton 18-24")
Sig. Series 6000 or Grande Bio-Falls = (3 ton) (1 ½ ton 12-18", 1 ½ ton 18-24")

Quantity of Boulders to use around the perimeter of the Basin

(1/2 Ton) 6-12" Stone will cover 20 linear feet of edge
(1/2 Ton) 12-18" Stone will cover 5 linear feet of edge

Quantity of boulders used for RETAINING WALL

(1 Ton) of 12-18" size rock will cover 10 linear feet
(1 Ton) of 18-24" size rock will cover 5 linear feet

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

ELECTRICAL CONSUMPTION / CONVERSIONS

Amps x Volts / l,000 x .10 (kw/perhour)x 24 hrs x 30.4 days = Monthly Cost
Watts = Volts x Amps
Amps = Watts / Volts

Determining Size of Resevoir for Pondless Water Feature

Gallons in a stream
Length x width x .25 x 7.48
Gallons in stream x 2

Aquablox
Small Aquablox – 26.5”L x 16”W x 9.5”H
Holds 17 gallons of water

Large Aquablox – 26.5”L x 16”W x 17.5” H
Holds 32 gallons of water

Example
Stream is 10’ L x 2’ W
10 x 2 x .25 x 7.48 = 37.4 gallons rounded up to 38
38 gallons x 2 = 76 gallons needed in basin
Using small aquablox
76 / 17 = 4.4 small aquablox rounded up to 5
5 small aquablox needed