

## BASIN SIZE SPREADSHEET

To use this spreadsheet, simply find the square footage of the body of water (pond and/or stream) and match that with the number in the first column. All the information you need to size that basin will be in that row.

- **Over 3 times more water storage capacity than gravel** – The Aquablox™ Water Matrix can hold approximately 7.4 gallons of water per cubic foot. Gravel can hold approximately 2.2 gallons of water per cubic foot.
- Extra water capacity results in less routine maintenance of topping the reservoir to compensate for evaporation.
- Easier to clean and less prone to clogging than traditional gravel basins.
- **Smaller reservoirs!** The ability to hold more water per cubic foot allows for smaller reservoirs.
- **Less labor** excavating the basin, as well as less labor moving many tons of gravel to fill the basin.
- Less liner and geotextile underlayment is needed.

Pond/Stream Sq. Ft.	Filter Type	Rock Basin Size	Aquablox™ Basin Size	Qty. of Aquablox™	Gallons w/ Rock	Gallons w/ Aquablox™	Rock Liner Size	Aquablox™ Liner Size	Rock Stone Tonnage	Aquablox™ Stone Tonnage
20	Micro	4'x6'x2'	4'x4.5'x2'	4 Sml	80	105	8'x10'	8'x10'	2	1
40	Micro	6'x8'x2'	4'x6'x2'	7 Sml	158	150	10'x12'	8'x10'	3.75	1
55	Micro	8'x8'x2'	6'x6'x2'	9 Sml	210	220	12'x15'	10'x10'	4.8	1.75
65	Micro	8'x10'x2'	6'x8'x2'	10 Sml	264	270	12'x15'	10'x12'	6	2.5
75	Large	7'x7'x4'	4'x6'x4'	6 Lrg	270	270	15'x15'	12'x15'	6.25	1.75
100	Large	7'x10'x4'	5'x7'x4'	9 Lrg	385	395	15'x20'	15'x15'	8.75	2.5
115	Large	8'x10'x4'	6'x7'x4'	11 Lrg	440	475	20'x20'	15'x15'	10	3
145	Large	10'x10'x4'	7'x7'x4'	14 Lrg	550	585	20'x20'	15'x20'	12.5	3.25
175	Large	10'x12'x4'	7'x8'x4'	16 Lrg	660	668	20'x20'	15'x20'	15	3.5
190	Large	11'x12'x4'	8'x8'x4'	17 Lrg	726	735	20'x20'	20'x20'	16.5	4.5
205	Large	10'x14'x4'	7'x10'x4'	19 Lrg	770	812	20'x25'	15'x20'	17.5	4.75
225	Large	12'x13'x4'	8'x9'x4'	21 Lrg	855	865	20'x25'	20'x20'	19.5	4.5
245	Large	12'x14'x4'	8'x10'x4'	23 Lrg	924	958	20'x25'	20'x20'	21	5.25
265	Large	13'x14'x4'	9'x10'x4'	25 Lrg	1001	1058	25'x25'	20'x20'	22.75	6
285	Large	14'x14'x4'	10'x10'x4'	25 Lrg	1078	1113	25'x25'	20'x20'	24.5	7.25
305	Large	14'x15'x4'	10'x10'x4'	27 Lrg	1155	1158	25'x25'	20'x20'	26.25	7
325	Large	14'x16'x4'	10'x11'x4'	29 Lrg	1232	1258	25'x25'	20'x20'	28	7.75
350	Large	15'x16'x4'	11'x11'x4'	30 Lrg	1320	1340	25'x25'	20'x20'	30	8.75
375	Large	16'x16'x4'	11'x12'x4'	31 Lrg	1408	1424	25'x25'	20'x20'	32	10
400	Large	16'x17'x4'	11'x12'x4'	35 Lrg	1496	1514	25'x25'	20'x20'	34	9
425	Large	17'x17'x4'	11'x12'x4'	39 Lrg	1590	1604	25'x25'	20'x20'	36.25	8.25
450	Large	17'x18'x4'	12'x12'x4'	40 Lrg	1683	1692	25'x30'	20'x20'	38.25	9.5
475	Large	18'x18'x4'	12'x12'x4'	44 Lrg	1782	1782	30'x30'	20'x20'	40.5	8.75
500	Large	18'x19'x4'	12'x14'x4'	44 Lrg	1881	1915	30'x30'	20'x25'	42.75	11.75
530	Large	19'x19'x4'	12'x14'x4'	49 Lrg	1986	2027	30'x30'	20'x25'	45.25	10.5
555	Large	19'x20'x4'	12'x14'x4'	53 Lrg	2090	2117	30'x30'	20'x25'	47.5	9.75
600	Large	20'x21'x4'	14'x14'x4'	59 Lrg	2301	2406	30'x30'	25'x25'	52.5	12
700	Large	22'x22'x4'	15'x14'x4'	65 Lrg	2662	2618	30'x30'	25'x25'	60.5	12.5