

POOL LAB HYBRID COMMERCIAL SIZING CHART – INDOOR POOLS

Sizing based on average or expected bather load

Provide chlorine use history if you have this to assist sizing

Peristaltic chlorine pump - 450g equivalent Cl gas/hr (Rapid chlorine demand recovery)

Peristaltic acid pump – 60ml/min

VOLUME LT	BATHERS P/24HR	CHLORINE GAS G/HR	RECOMMENDATION
50,000	0	12.5	PL HYBRID 45
100,000	0	25	PL HYBRID 45
150,000	0	37.5	PL HYBRID 45
200,000	0	50	PL HYBRID 45
250,000	0	62.5	PL HYBRID 90
300,000	0	75	PL HYBRID 90
350,000	0	87.5	PL HYBRID 90
400,000	0	100	PL HYBRID 90
450,000	0	112.5	PL HYBRID 135
500,000	0	125	PL HYBRID 135
600,000	0	150	PL HYBRID 180
700,000	0	175	PL HYBRID 180
800,000	0	200	PL HYBRID 225
900,000	0	225	PL HYBRID 225
1,000,000	0	250	PL HYBRID 225 + PL HYBRID 45
1,250,000	0	312.5	PL HYBRID 225 + PL HYBRID 90
1,500,000	0	375	PL HYBRID 225 + PL HYBRID 180
1,750,000	0	437.5	PL HYBRID 225 x 2
2,000,000	0	500	PL HYBRID 225 x 2 + PL HYBRID 90
2,250,000	0	562.5	PL HYBRID 225 x 2 + PL HYBRID 135
2,500,000	0	625	PL HYBRID 225 x 2 + PL HYBRID 180

VOLUME LT	BATHERS P/24HR	CHLORINE GAS G/HR	RECOMMENDATION
50,000	25	25	PL HYBRID 45
100,000	25	50	PL HYBRID 45
150,000	25	62.5	PL HYBRID 90
200,000	25	75	PL HYBRID 90
250,000	25	87.5	PL HYBRID 90
300,000	25	100	PL HYBRID 90
350,000	25	112.5	PL HYBRID 135
400,000	25	125	PL HYBRID 135
450,000	25	137.5	PL HYBRID 135
500,000	25	150	PL HYBRID 135
600,000	25	175	PL HYBRID 180
700,000	25	200	PL HYBRID 180
800,000	25	225	PL HYBRID 225
900,000	25	250	PL HYBRID 225
1,000,000	25	275	PL HYBRID 225 + PL HYBRID 45
1,250,000	25	337.5	PL HYBRID 225 + PL HYBRID 90
1,500,000	25	400	PL HYBRID 225 x 2
1,750,000	25	462.5	PL HYBRID 225 x 2
2,000,000	25	525	PL HYBRID 225 x 2 + PL HYBRID 45
2,250,000	25	587.5	PL HYBRID 225 x 2 + PL HYBRID 135
2,500,000	25	650	PL HYBRID 225 x 2 + PL HYBRID 135

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Peristaltic acid pump – 60ml/min

VOLUME LT	BATHERS P/24HR	CHLORINE GAS G/HR	RECOMMENDATION
50,000	50	62.5	PL HYBRID 90
100,000	50	75	PL HYBRID 90
150,000	50	87.5	PL HYBRID 90
200,000	50	100	PL HYBRID 90
250,000	50	112.5	PL HYBRID 135
300,000	50	125	PL HYBRID 135
350,000	50	137.5	PL HYBRID 135
400,000	50	150	PL HYBRID 135
450,000	50	162.5	PL HYBRID 180
500,000	50	175	PL HYBRID 180
600,000	50	200	PL HYBRID 180
700,000	50	225	PL HYBRID 225
800,000	50	250	PL HYBRID 225
900,000	50	275	PL HYBRID 225 + PL HYBRID 45
1,000,000	50	300	PL HYBRID 225 + PL HYBRID 45
1,250,000	50	362.5	PL HYBRID 225 + PL HYBRID 135
1,500,000	50	425	PL HYBRID 225 + PL HYBRID 180
1,750,000	50	487.5	PL HYBRID 225 x 2
2,000,000	50	550	PL HYBRID 225 x 2 + PL HYBRID 45
2,250,000	50	612.5	PL HYBRID 225 x 2 + PL HYBRID 135
2,500,000	50	675	PL HYBRID 225 x 2 + PL HYBRID 180

VOLUME LT	BATHERS P/24HR	CHLORINE GAS G/HR	RECOMMENDATION
50,000	75	87.5	PL HYBRID 90
100,000	75	100	PL HYBRID 90
150,000	75	112.5	PL HYBRID 135
200,000	75	125	PL HYBRID 135
250,000	75	137.5	PL HYBRID 135
300,000	75	150	PL HYBRID 135
350,000	75	162.5	PL HYBRID 180
400,000	75	175	PL HYBRID 180
450,000	75	187.5	PL HYBRID 180
500,000	75	200	PL HYBRID 180
600,000	75	225	PL HYBRID 225
700,000	75	250	PL HYBRID 225
800,000	75	275	PL HYBRID 225 + PL HYBRID 45
900,000	75	300	PL HYBRID 225 + PL HYBRID 45
1,000,000	75	325	PL HYBRID 225 + PL HYBRID 90
1,250,000	75	387.5	PL HYBRID 225 + PL HYBRID 135
1,500,000	75	450	PL HYBRID 225 + PL HYBRID 180
1,750,000	75	512.5	PL HYBRID 225 x 2 + PL HYBRID 45
2,000,000	75	575	PL HYBRID 225 x 2 + PL HYBRID 90
2,250,000	75	637.5	PL HYBRID 225 x 2 + PL HYBRID 135
2,500,000	75	700	PL HYBRID 225 x 2 + PL HYBRID 180

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Peristaltic acid pump – 60ml/min

VOLUME LT	BATHERS P/24HR	CHLORINE GAS G/HR	RECOMMENDATION
50,000	100	112.5	PL HYBRID 135
100,000	100	125	PL HYBRID 135
150,000	100	137.5	PL HYBRID 135
200,000	100	150	PL HYBRID 135
250,000	100	162.5	PL HYBRID 180
300,000	100	175	PL HYBRID 180
350,000	100	187.5	PL HYBRID 180
400,000	100	200	PL HYBRID 180
450,000	100	212.5	PL HYBRID 225
500,000	100	225	PL HYBRID 225
600,000	100	250	PL HYBRID 225
700,000	100	275	PL HYBRID 225 + PL HYBRID 45
800,000	100	300	PL HYBRID 225 + PL HYBRID 45
900,000	100	325	PL HYBRID 225 + PL HYBRID 90
1,000,000	100	350	PL HYBRID 225 + PL HYBRID 90
1,250,000	100	412.5	PL HYBRID 225 + PL HYBRID 180
1,500,000	100	475	PL HYBRID 225 x 2
1,750,000	100	537.5	PL HYBRID 225 x 2 + PL HYBRID 45
2,000,000	100	600	PL HYBRID 225 x 2 + PL HYBRID 90
2,250,000	100	662.5	PL HYBRID 225 x 2 + PL HYBRID 180
2,500,000	100	725	PL HYBRID 225 x 3

VOLUME LT	BATHERS P/24HR	CHLORINE GAS G/HR	RECOMMENDATION
50,000	125	137.5	PL HYBRID 135
100,000	125	150	PL HYBRID 135
150,000	125	162.5	PL HYBRID 180
200,000	125	175	PL HYBRID 180
250,000	125	187.5	PL HYBRID 180
300,000	125	200	PL HYBRID 180
350,000	125	212.5	PL HYBRID 180
400,000	125	225	PL HYBRID 225
450,000	125	237.5	PL HYBRID 225
500,000	125	250	PL HYBRID 225
600,000	125	275	PL HYBRID 225 + PL HYBRID 45
700,000	125	300	PL HYBRID 225 + PL HYBRID 45
800,000	125	325	PL HYBRID 225 + PL HYBRID 90
900,000	125	350	PL HYBRID 225 + PL HYBRID 90
1,000,000	125	375	PL HYBRID 225 + PL HYBRID 135
1,250,000	125	437.5	PL HYBRID 225 + PL HYBRID 180
1,500,000	125	500	PL HYBRID 225 x 2
1,750,000	125	562.5	PL HYBRID 225 x 2 + PL HYBRID 90
2,000,000	125	625	PL HYBRID 225 x 2 + PL HYBRID 135
2,250,000	125	687.5	PL HYBRID 225 x 2 + PL HYBRID 180
2,500,000	125	750	PL HYBRID 225 x 3

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Peristaltic acid pump – 60ml/min

VOLUME LT	BATHERS P/24HR	CHLORINE GAS G/HR	RECOMMENDATION
50,000	150	162.5	PL HYBRID 180
100,000	150	175	PL HYBRID 180
150,000	150	187.5	PL HYBRID 180
200,000	150	200	PL HYBRID 180
250,000	150	212.5	PL HYBRID 225
300,000	150	225	PL HYBRID 225
350,000	150	237.5	PL HYBRID 225
400,000	150	250	PL HYBRID 225
450,000	150	262.5	PL HYBRID 225 + PL HYBRID 45
500,000	150	275	PL HYBRID 225 + PL HYBRID 45
600,000	150	300	PL HYBRID 225 + PL HYBRID 45
700,000	150	325	PL HYBRID 225 + PL HYBRID 90
800,000	150	350	PL HYBRID 225 + PL HYBRID 90
900,000	150	375	PL HYBRID 225 + PL HYBRID 135
1,000,000	150	425	PL HYBRID 225 + PL HYBRID 180
1,250,000	150	487.5	PL HYBRID 225 x 2
1,500,000	150	550	PL HYBRID 225 x 2 + PL HYBRID 45
1,750,000	150	612.5	PL HYBRID 225 x 2 + PL HYBRID 135
2,000,000	150	675	PL HYBRID 225 x 2 + PL HYBRID 180
2,250,000	150	737.5	PL HYBRID 225 x 2 + PL HYBRID 225
2,500,000	150	800	PL HYBRID 225 x 3 + PL HYBRID 90

VOLUME LT	BATHERS P/24HR	CHLORINE GAS G/HR	RECOMMENDATION
50,000	200	212.5	PL HYBRID 225
100,000	200	225	PL HYBRID 225
150,000	200	237.5	PL HYBRID 225
200,000	200	250	PL HYBRID 225
250,000	200	262.5	PL HYBRID 225 + PL HYBRID 45
300,000	200	275	PL HYBRID 225 + PL HYBRID 45
350,000	200	287.5	PL HYBRID 225 + PL HYBRID 45
400,000	200	300	PL HYBRID 225 + PL HYBRID 45
450,000	200	312.5	PL HYBRID 225 + PL HYBRID 90
500,000	200	325	PL HYBRID 225 + PL HYBRID 90
600,000	200	350	PL HYBRID 225 + PL HYBRID 90
700,000	200	375	PL HYBRID 225 + PL HYBRID 135
800,000	200	400	PL HYBRID 225 + PL HYBRID 135
900,000	200	425	PL HYBRID 225 + PL HYBRID 180
1,000,000	200	450	PL HYBRID 225 + PL HYBRID 180
1,250,000	200	512.50	PL HYBRID 225 x 2 + PL HYBRID 45
1,500,000	200	575	PL HYBRID 225 x 2 + PL HYBRID 90
1,750,000	200	637.5	PL HYBRID 225 x 2 + PL HYBRID 135
2,000,000	200	700	PL HYBRID 225 x 2 + PL HYBRID 180
2,250,000	200	762.5	PL HYBRID 225 x 3 + PL HYBRID 45
2,500,000	200	825	PL HYBRID 225 x 3 + PL HYBRID 90

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Peristaltic acid pump – 60ml/min

VOLUME LT	BATHERS P/24HR	CHLORINE GAS G/HR	RECOMMENDATION
50,000	250	262.50	PL HYBRID 225 + PL HYBRID 45
100,000	250	275	PL HYBRID 225 + PL HYBRID 45
150,000	250	287.5	PL HYBRID 225 + PL HYBRID 45
200,000	250	300	PL HYBRID 225 + PL HYBRID 45
250,000	250	312.5	PL HYBRID 225 + PL HYBRID 90
300,000	250	325	PL HYBRID 225 + PL HYBRID 90
350,000	250	337.5	PL HYBRID 225 + PL HYBRID 90
400,000	250	350	PL HYBRID 225 + PL HYBRID 90
450,000	250	362.5	PL HYBRID 225 + PL HYBRID 135
500,000	250	375	PL HYBRID 225 + PL HYBRID 135
600,000	250	400	PL HYBRID 225 + PL HYBRID 135
700,000	250	425	PL HYBRID 225 + PL HYBRID 180
800,000	250	450	PL HYBRID 225 + PL HYBRID 180
900,000	250	475	PL HYBRID 225 x 2
1,000,000	250	500	PL HYBRID 225 x 2
1,250,000	250	562.50	PL HYBRID 225 x 2 + PL HYBRID 90
1,500,000	250	625	PL HYBRID 225 x 2 + PL HYBRID 135
1,750,000	250	687.5	PL HYBRID 225 x 2 + PL HYBRID 180
2,000,000	250	750	PL HYBRID 225 x 3
2,250,000	250	812.5	PL HYBRID 225 x 3 + PL HYBRID 90
2,500,000	250	875	PL HYBRID 225 x 3 + PL HYBRID 135