

Chemical parameters

	Indoor pool	Heated indoor pool	Outdoor pool	Heated outdoor pool	Spa
Water temperature		>26°C		>26°C	35°C - 37°C ideal, 40°C max
Free chlorine (mg/l ppm) minimum	1.5	2	1.5	3	3
Free chlorine (mg/l ppm) with cyanuric acid	N/A	N/A	3	4	N/A
Total chlorine (mg/l ppm)	free chlorine level +1 (10 max)	free chlorine level +1 (10 max)	free chlorine level +1 (10 max)	free chlorine level +1 (10 max)	10
Bromine (mg/l ppm) minimum	3.0	4.0	3.0	4.0	4 - 6
Ozone (for chlorine level see above)	0 residual	0 residual	0 residual	0 residual	0 residual
pH	7.2 - 7.8	7.2 - 7.8	7.2 - 7.8	7.2 - 7.8	7.2 - 7.8
Total alkalinity (mg/l ppm)	80 - 200	80 - 200	80 - 200	80 - 200	80 - 200
Cyanuric acid	0*	0*	30 - 50	30 - 50	0*

* As indoor pools are protected from direct sunlight, cyanuric acid must not be used as the effectiveness is reduced.

Note: combined chlorine shall not exceed half the total chlorine concentration with a maximum of 1.0ppm

Source: Queensland Health Swimming and Spa Pool Water Quality and Operational Guidelines (October 2004)