

Guidelines for safe water quality levels and ranges

Chemical and water measurement levels

Free chlorine 1 ppm – 3 ppm

If the free chlorine level rises above 5 ppm immediate action should be taken to reduce to safe levels. This may require turning off automatic dosing, removing the source of chlorine dosing and/or adding sufficient quantities of fresh water to dilute. You should cease using the hydrotherapy pool or water treadmill if free chlorine is above 8 ppm.

Free active bromine 4 ppm – 6 ppm

pH 7.2 – 7.6

Water temperature

The safe and comfortable temperature range is 28.0 – 31 degrees celcius. However it is strongly advised to stay at 29 to 30 degrees celcius to obtain maximum therapeutic benefits for patients.

If the pool building is particularly warm or in very hot weather conditions it may be advisable to keep water temperature between 28 and 29 degree celcius.

Testing

You should test chemical levels and temperature at least 3 times per day when the pool or water treadmill is operational. The results must be recorded, together with action taken and the operator/hydrotherapists signature.

Approved equipment for testing

Comparator, Photometer, Pool and Spa test strips