

## Controlling the Chlorine Residual

There are two ways of controlling the amount of chlorine entering the pool – by altering the running times and by reducing the chlorine output. If the pool chlorine residual tests high you can reduce the operating time and/or decrease the output. If the chlorine residual tests low and the output is already at maximum you will need to increase the operating time and/or add supplementary chlorine.

### Output Control

The LCD display usually shows the amount of chlorine being produced by the Cell as a percentage of its maximum.

However, this is not the same as the Output. The Output Control turns the Cell ON/OFF over a short period of time. The Output setting determines how long the ON time is – for example if the Output setting is 60% the Cell will be ON for 60% of the period and OFF for 40% of the period. This is why the Cell will turn ON/OFF periodically if the Output is set below 100%.

## Chlorine Output Menu

To adjust the chlorine output on your system, press ENT to access the Menu system. Scroll down using the N/DOWN button until CHLORINE OUTPUT is displayed. Press ENT again to select this menu and then use the Y/UP and N/DOWN buttons to adjust the output level. Confirm the adjusted settings by pressing ENT once more.

### Superchlorination

When bathers enter a pool there is a reaction between nitrogen/ammonia compounds from the bathers and the chlorine in the pool. These reactions form chloramines (also called combined chlorine) which are responsible for the “chlorine” odour and for some minor irritations.

These compounds can be broken down by adding free chlorine to a level above 5ppm by the addition of a shock dose of chlorine – also known as superchlorination.

Levels of chlorine immediately adjacent to the cell anodes far exceed 5ppm and so a lot of chloramines are destroyed as water passes the cell.

If the chloramine levels still become high, simply add a shock dose of chlorine or run the chlorinator for a long period overnight.

## Pool Cover Mode On/Off – when chlorine demand is reduced

To adjust the chlorine output to compensate for the use of a cover blanket the unit must be made aware that a cover blanket is in place over the pool. simply push the button marked “Pool Cover Mode On/Off” for on and off selection. When the Pool Cover Mode is activated, the word COVER will flash in the display and the chlorine output will be reduced.