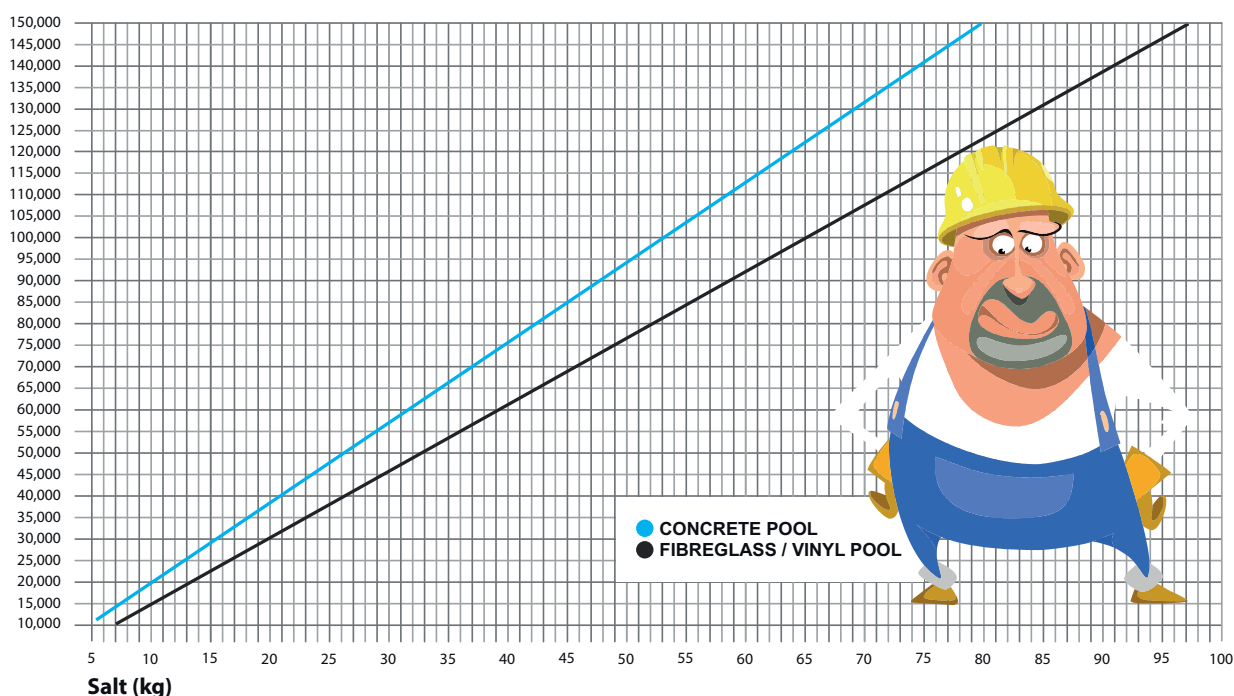## STEP 1 — Balance the pool water and add required salt or minerals before starting the unit

See over page for normal water balance and setting up with external controllers.

Below is a guide for the amount of salt to be added into the swimming pool after normal water balance has been achieved. If using mineral mix opposed to pool salt we suggest adding 20-30% more based on the chart below. **NEVER ADD SALT/MINERALS DIRECTLY TO THE SKIMMER BOX.**

Pool Size (Litres)

- ● CONCRETE POOL
- ● FIBREGLASS / VINYL POOL

Salt (kg)

All new pool start ups the total dissolved solids (TDS) of the water will vary depending on your location. Before adding salt/minerals, test your pool water for the total TDS levels.
Recommended TDS levels for Naked Pools Fresh Water Systems: 800-1200PPM.
DO NOT add Cyanuric Acid or Stabilised Chlorine to the pool.

STEP 2 — Set the clock.

Simply press the [+] up, or [-] down.
Press [OK] to save after each.

STEP 3 — Is it a Salt or Mineral Pool?

Simply press the [+] YES, or [-] NO.
Press [OK] to save.

STEP 4 — Is there Copper in the pool?

If it is a new pool press [-] NO.**
If you're retro fitting a Copper pool press [+] YES.
For all retrofit installs, check copper levels before beginning initial start-up. If levels are 0.2ppm and above, press [+] YES.
Press [OK] to save.

** If you have chosen NO for Copper in the pool, the system will automatically run for the required period to achieve the correct levels (0.2-0.5ppm) in the water and then switch to AUTO Mode.

STEP 5 — Set the pool size. ^

Simply press the [+] up, or [-] down.
Press [OK] to save.

^ Pump run times are all based on the pool size entered.
All units default to a DUAL CYCLE.
TIMER 1 is sanitation and TIMER 2 is circulation ONLY.

Water Balance Guidelines	Ideal pH Levels	Ideal Total Alkalinity Levels	Ideal Calcium Hardness Levels
Concrete Pool	7.4 - 7.6	80 - 150ppm	200 - 250ppm
Fibreglass/Vinyl Pool	7.0 - 7.2	80 - 120ppm	150 - 190ppm

Combining the NKD1 unit with external controllers /automation.

The Naked System is compatible with any external pool control system and will slave to the controller allowing it to switch the unit ON and OFF. There are two ways of making this work:

Option 1

Duplicate the timer settings from the Naked System automatically configured from when the pool size was entered, and enter these into the external controller.

TAKE NOTE:
When doing this, T2 ON TIME must be adjusted to the same as T1 OFF TIME and T2 OFF TIME must be adjusted to the same as T1 ON TIME (see example below)

50,000L
T1 **ON** TIME 08:00 T1 **OFF** TIME 13:00
T2 **ON** TIME 13:00 T2 **OFF** TIME 08:00

Switching ON and OFF of the unit can now be entered into the timer settings of the external controller.

The ioniser will always switch off based on the volume of water entered, so copper levels will not increase.

Option 2

Change Timers 1 and 2 in the Naked System to 00:00 meaning the system will always be ON and be controlled completely by the external controller. You MUST then change the unit from AUTO to ON mode.

TAKE NOTE:
When setting up with option 2 the OXI will always be producing when unit is running so you may prefer to reduce OXI output to stop chlorine levels increasing.

The ioniser will always switch off based on the volume of water entered, so copper levels will not increase.

Naked
Freshwater Pool Systems
Swimming as nature intended™

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3 YEAR
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See our standard terms of sale

For any questions regarding start-up, please contact Naked Pools or your local Distributor.