

The PoolTIME

The new generation pool timer.



The PoolTIME is a Multi-Functional management system designed to improve the pool appearance while reducing the running costs

Street address: 1st floor, JVES House,
No. 21 Basalt Ave. Amalgam, South Africa
Postal address: P.O.B 1502 Highlands North 2037
Tel: +27 (0)11 830-2212
Email: info@jves.co.za
Website: www.jves.co.za

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The PoolTIME utilizes the patented RRPA, Random Run/Pause Algorithm, to control the pool pump. Under this control Algorithm, the pump is run and paused for 30 to 40 random intervals per day. Each Run/Pause cycle runs 10 to 30 minutes.

This revolutionary control algorithm offers the following advantages:

- * The pump is running and circulating the water throughout the day. The short pause intervals do not allow for long settling time, dramatically reducing the algae build up.
- * The frequent, random Run/Pause intervals improve the pool cleaner randomness Facilitating better coverage of the pool.
- * In the occasional cases of the pool cleaner getting stuck in a corner or by steps, the next pause/ run cycle will most likely pull it away.

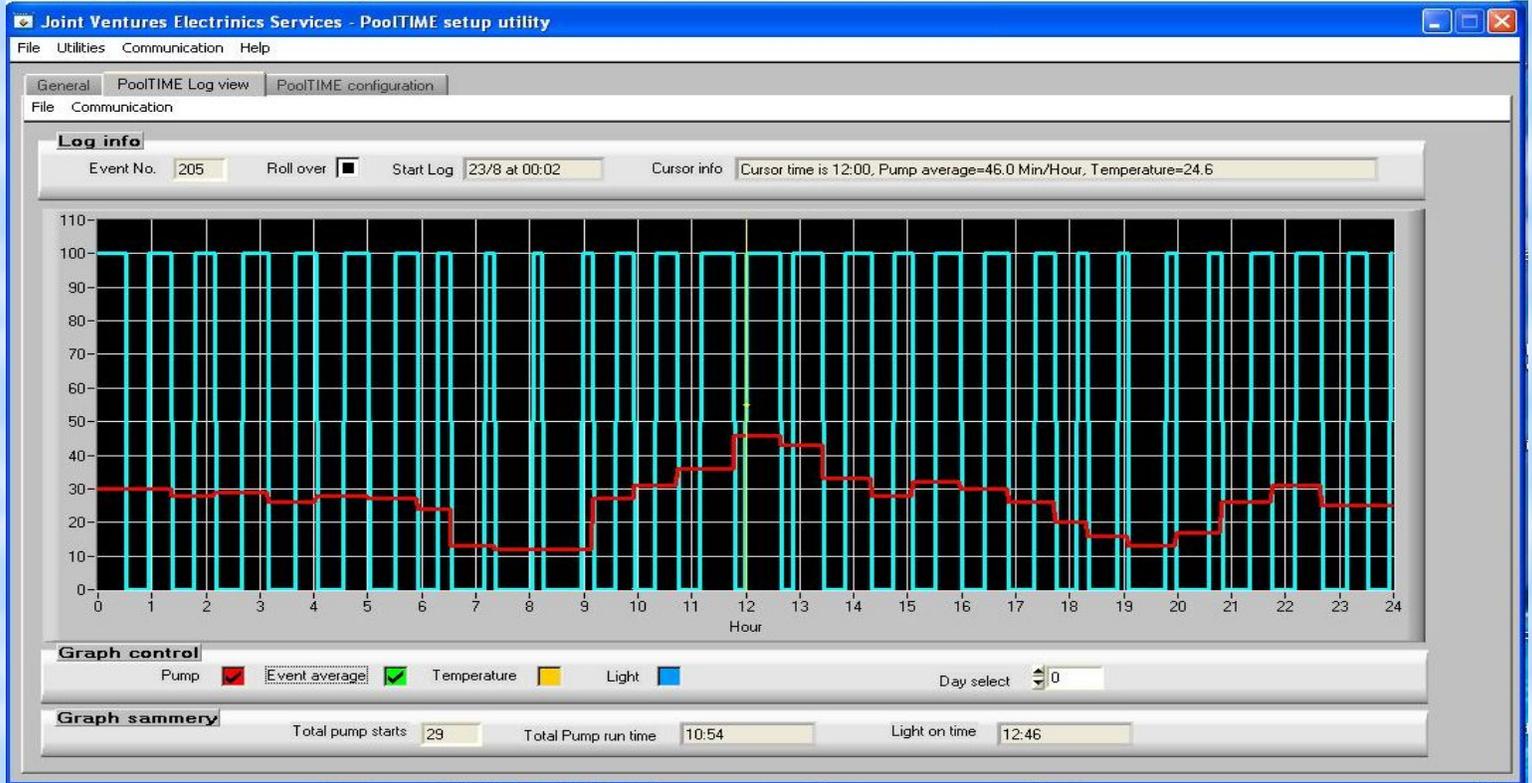
In addition the PoolTIME offers more functionality

- * The Run/Pause time ratio is automatically adjusted by the water temperature for Optimal cleaning while saving costs throughout the seasons.
- * Manual toggle between Run and Pause modes for backwash operation.
- * Anti-Freeze operation – In the case of freezing condition, the Run/Pause control Logic automatically changes to maintain above freezing temperature in the pipes.
- * Utility friendly – the Run/Pause ratio can be reduced during peak consumption hours
- * Soft start operation – The unit incorporates a SoftStarter, reducing mechanical and electrical stresses.
- * TripConnect functionality provides over and under voltage protection to the motor.
- * Overload protection, protecting against stall condition.
- * Lightning protection on all inputs and outputs.
- * Pool lights control – based on the location and the date, the PoolTIME calculates the true daily Sunset/Sunrise times and controls the light output.
- * Bluetooth interface with smartphone App for full control and monitor.

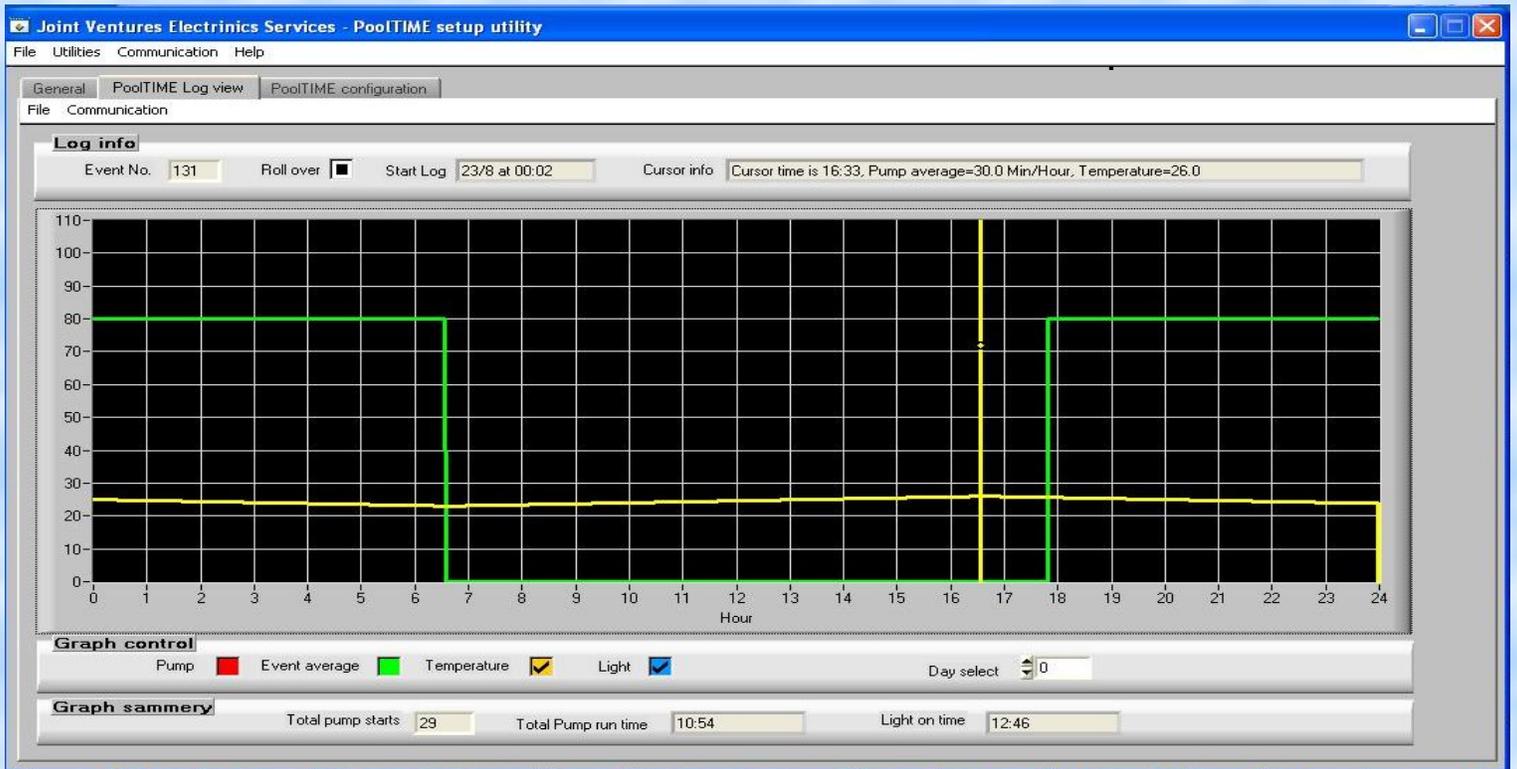


Data logger

In addition to its operational functionality, the PoolTIME embeds a full 7 days data-logger, logging all relevant information and enabling analysis and optimisation of the pool status and running costs.



Pump cycles and cycle average

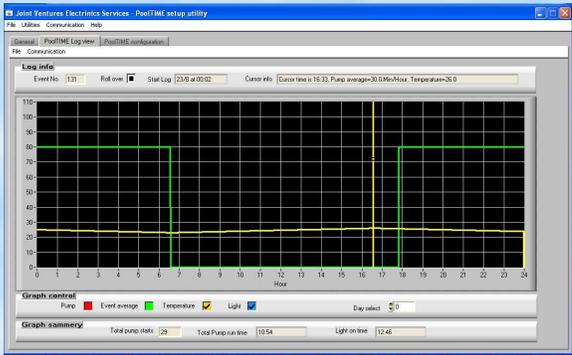
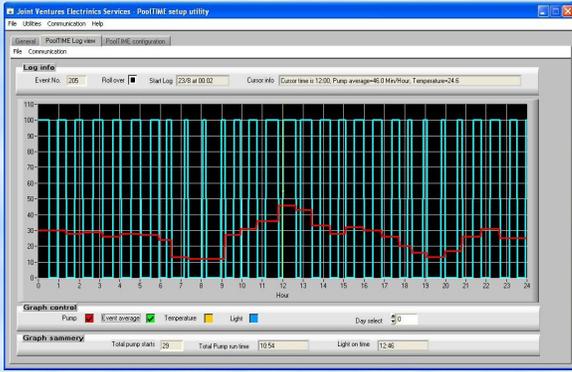
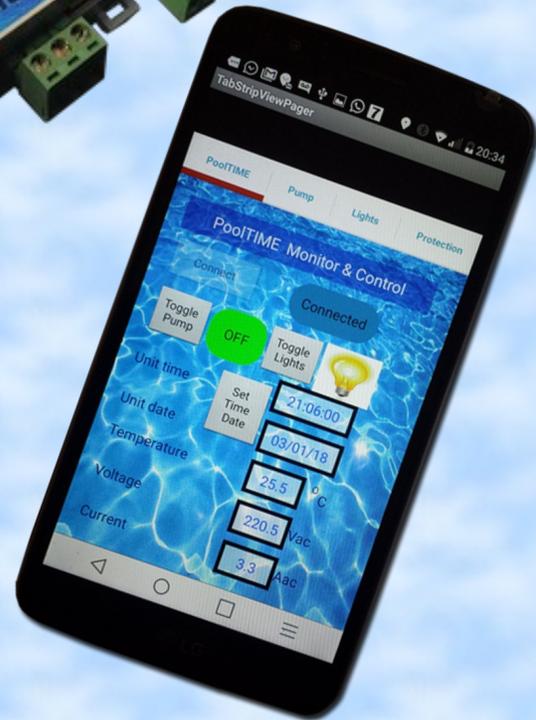
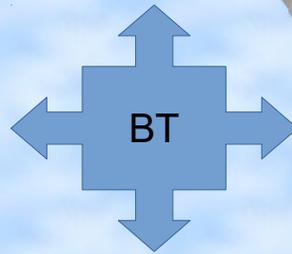


Pool temperature and lights

Control interface

A smart-phone application, connected via a Bluetooth link, is used to monitor and Set-up the PoolTIME:

- * Manual control the pump and the lights
- * View/Set-up Time and coordinates
- * View/Set-up Running parameters.
- * View Data-logger graphs



Environmental and other specification

Operating temperature

-20° to +70°

Storage temperature

-40° to +85°

Humidity

Up to 98% Non condensing

Material

Poly-carbonate

Dimensions

Din rail mount 106mm X 90mm X 57.5

Weight

250g

Safety Standard

IEC 60950-1

RFI/EMI Standard

IEC 61000

European Standard

CE

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