

# Dealer Sales & Service Guide

## Digital Model Accessories

### Wireless Player Accessories

#### Coach Controller



Over 10 years ago in Western Pennsylvania, Cranberry Township built a 440,000 gallon 15,000 square foot Community Pool. They also did something almost unprecedented - THEY HEATED IT! with twelve (12) Heat Siphon Swimming Pool Heat Pumps.

On June 21, 1997 the pool was opened. It took only 48 hours to go from 60°F to 78°F. Over ten years later those twelve Heat Siphons are still on the job averaging about \$65 per day for electricity - something FIRED pool heaters simply can't do with the cost of gas.

In 2007 Cranberry made history again by installing the first Spread Spectrum Wireless Pool Heater Load Management Controller in the USA, the Heat Siphon's Coach™. Pool Manager Gary Beltz can now change the thermostat on 12 Heat Siphons in 1 second with 1 finger from his office.

Gary can also check on his Heat Siphons with a glance at the Coach's interface. LED's instantly show wireless communication, pool status, service - even an ALL HEATERS ON LED. A 2 line x 16 character LCD constantly scrolls status including:

- Current Time & Day of Week
- Air & Pool Water Temperature
- System Thermostat Set-point
- Number of Heat Siphons Running
- Number of Heat Siphons Off

Press a few buttons & view each unit's run time, percent duty cycle, error history and much more.

The Coach™ uses state-of-the-art Spread Spectrum Wireless Technology to block out interference up to 1000 ft. between PassPort & Coach!

ADD 3 More Wireless PODs Coach™ can schedule on/off events for up to 3 optional Pool Operating Devices (PODs) each 2HP - Control water features, fountains etc.- Just splice into your existing 110 volt /220v supply wiring. Use Cheap Off Peak Electricity Save THOUSANDS Every Season Even though Heat Siphon delivers the LOWEST OPERATING COST AVAILABLE and makes heating large commercial pools economically feasible, the COACH™ lowers that cost even further so your pool can take advantage of lower OFF PEAK



# HEAT SIPHON ANSWERBOOK

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POWER RATES to run your Heat Siphons. Heat Siphon's COACH™ controller provides:

- STAGGERED startups limit electric Demand Penalty to only ONE UNIT's high inrush current
- ON PEAK SETBACK mode lowers set point to reduce runtime during high rate peak period
- OFF-PEAK OVERSHOOT mode ramps pool temp above set point off peak returning to normal set point just before peak rates start



### Football Pool/Spa Controller

Coming soon - this RESIDENTIAL POOL/SPA version of the Coach Controller The **FOOTBALL** is designed to control and monitor multiple Heat Siphon units which may be switch-able between pool and spa or designated to either based on plumbing configuration. It will handle pool/ spa spillover scenarios as well as two pump systems.

The **FOOTBALL** which can be moved to or from any 110 volt outlet inside your home, works by wireless communication with a **C-POD** (see below) that controls the pump and valves and the **PassPort** Wireless Transmitter which plugs into and is powered by your Digital Heat Siphons built in Player Control Board.

The **FOOTBALL** will also provide a pool/spa combo owner with the indoor ability to monitor the pool water temperature, pool pump operation as well as switching and powering up to three 3-way valve actuators between pool and spa, as well as operate up to three auxiliary **A-PODS** which includes scheduling weekday/weekend/daily 4 times per day on/off cycles controlling any 110 volt or up to 2HP 220 volt appliances, lights, fountains etc.

Alternatively it can enable a one heater/one pump system to do double duty heating the spa then automatically switching back to pool, scheduling spa heating and maintenance temperature as well.

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## Digital Wireless PODS

Just Like their Hard wired cousins the P-POD, C-POD and A-POD, the NEW Wireless Pool Operating Devices PODs can provide **PumpJump** pool pump override for off-cycle heating, turn pumps on and off to a schedule and rotate 3-way valve actuators to allow pool / spa switching and heater set-point changeover.

They also add a number of features and benefits besides being wireless and remote controllable by the Coach or Football / Passport Pool / Spa Controller Systems:

### P-POD Wireless Pump Controller

Just splice it into a Pump power supply circuit like the hardwired T-POD and it controls you pump - the BIG difference is NO OTHER WIRES and FULL Wireless control from a Coach or FOOTBALL including four on/off event per day scheduling weekday/weekend or daily. The wireless P-POD also gives you the ability to maintain your pool or spa during off times by providing PumpJump off-cycle heating

A built in toggle switch provides an override so you can keep your pump on always or off no matter what the wireless FOOTBALL or COACH system Controllers are calling for.

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### *C-POD Wireless Combo Pool/Spa Controller*

For starters, the C-POD has the same features found in the P-POD and it adds pool spa switching including powering of up to three 3-way valve actuator.

### *A-POD Wireless Auxiliary Equipment Controller*

With the same 2 HP contactor used in the P-POD and C-POD this A-POD will accept wireless commands from a Coach or FOOTBALL scheduling included to turn on or off any AC powered device including lighting, pumps, fountains, pool cleaners etc.