

# Golf course irrigation systems tailor made

ONE of the major factors in the design, refurbishment and long-term maintenance of any golf course is the way the greens and fairways are watered.

Where Mother Nature isn't up to the job, more down-to-earth expertise is required.

Rain Bird Golf Irrigation is a highly-specialised division of Rain Bird Australia, itself part of one of the world's most successful, best-respected and dedicated international irrigation companies.

The organisation is totally focused on designing, engineering and installing the ultimate in tailored solutions for golf course superintendents and golfers – throughout the land down under, Rain Bird's Asia Pacific Golf regional Manager Wayne Brown said.

Rain Bird manufactures its own products following extensive research and testing.

Among other components, the range includes gear-driven and impact rotors, valves, swing joints, easy-to-use central control systems, satellite controllers, hose reels, remote control systems, weather stations, flow meters, filtration devices and lake management aerators.

The company currently owns more than 130 patents and some 30 additional trademarks.

Examples of Rain Bird products resulting from recent technological innovations include Rain Curtain Technology that offers superior water distribution, battery-operated controllers that bring automatic irrigation to areas lacking independent access to power and wireless remote control systems that manage irrigation sites from a PC.

All of this technology and more can be applied to golf courses.

So can Rain Bird's very latest product, the all-new multi pump VFD (Variable Frequency Drive) systems which made their Australian debut at the Turfgrass 2004 Expo & Conference.

There golf course management delegates took the opportunity to see and evaluate these impressive Rain Bird pump stations in action.

"Newly released onto the Australian market, these highly-efficient designs will ensure maximum performance for golf course applications," Brown said.

"And everything is backed by proven maintenance programs, outstanding service and technical support."

The Rain Bird website at [www.rainbird.com.au](http://www.rainbird.com.au) also provides a section on 'Choosing an irrigation contractor', 'Water conservation tips for golf courses' and 'Learn about the world's growing water crisis and your options.'

Rain Bird Australia's General Manager, Tim Bonifant said everyone at Rain Bird Australia was dedicated to improving irrigation techniques in the future.

"Not just by introducing new products, but by constantly and consistently deploying our 'Intelligent Use of Water' policy.

"As the world's largest manufacturer of irrigation products, we believe it is our responsibility to develop technologies that use water efficiently. Over the past seven decades, our pioneering efforts have resulted in everything from central control systems and automatic shut-off devices to pressure regulating components and low-volume drip irrigation systems, all designed to use water more wisely.

"And our commitment extends beyond products to education, training and services for our industry and our communities."

Rain Bird offers a diverse series of popular service plans and was the first company to provide technical support and an extended warranty service exclusively for central control system components.

Known as the Global Service Plan, this revolutionary service is complimented by a unique Board Exchange Program designed to meet the need for a fast and dependable supply of electronic circuit boards when a sudden 'downtime' situation demands immediate action.

Some golf courses are home to lots of birdies – even eagles.

Others see more than their fair share of the dreaded albatross.

It's often the golfers that make the difference.

But by inviting another bird onto their courses, – Rain Bird – superintendents can at least ensure that the playing conditions are on a par for everyone.

With experience gained from assisting course superintendents from around the world, Rain Bird can help develop plans that meet the needs of all sizes and types of golf courses.

Whether your goals include system modernisation, improved playability, course renovation, cost reduction or water regulation, the world's most successful golf course irrigation company can assist you to plan, justify and implement an easy-to-operate, cost-efficient, tailor-made, high-tech package that's just right for you.

Give your course the competitive edge with Rain Bird Australia.



Woodbury Park, England.

## Still leading the way 60 years on

RAINBIRD was the first to install an irrigation system on a golf course, the first to install a centrally controlled irrigation system on a golf course and the first to develop computerised control.

More than 60 years after their first sprinkler, Rain Bird's PC-based control systems continue to offer the type of innovations that have made Rain Bird the first choice in golf course irrigation.

Rain Bird Sweden was also the first company to develop variable speed pump stations for golf course irrigation and today hundreds of golf courses world-wide benefit from the reliability of Rain Bird Pump Stations.

"Rain Bird Pump Stations are still built at the Rain Bird facilities in Sweden using the highest quality components and are designed specifically for golf course managers," Rain Bird's Asia Pacific Golf regional Manager Wayne Brown said.

"When you install Rain Bird quality and reliability you install confidence.

"All Rain Bird Pump Stations undergo rigorous quality testing during manufacturing."

This includes operating the completely assembled Pump Station at its designed capacity to ensure that it is fully water tested and calibrated, Brown said.

"Rain Bird pre-assembled Pump Stations are extremely easy to install and operate.



Pump Station testing at Rain Bird Sweden.



## What you can expect from Rain Bird pump stations

### \*Variable speed control

"Few people would dream of driving while keeping the accelerator to the floor and using the brakes to control their progress."

Yet this is exactly how many pump systems without electronically variable speed technology work, Brown said.

"Variable speed saves energy, minimises system wear and prevents water hammer."

All Rain Bird Pump Stations use electronic variable speed technology.

Variable speed controlled pump sets maintain a constant pressure against variable flow.

Variable speed control also provides a smooth automated start and stop of the Pump Station and an extremely quiet, low vibration operation.

### \*Remote control from your PC

Rain Bird Sweden Pump Manager software offers the possibility of remote control of the pump station from a PC.

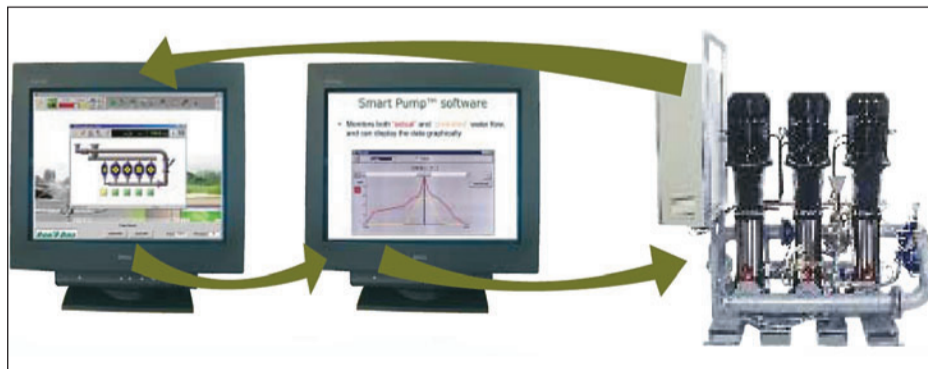
Having a connection between the pump station and the irrigation PC allows for trouble shooting of the Pump Station from a remote location.

### \*Direct link your pump station to your central control

The exclusive smart pump software module available with certain Rain Bird central control systems allows you to link your Rain Bird Pump Station directly with the Irrigation Central Control system.

Smart Pump monitors and graphs both actual and controlled flow.

Direct and real-time communication between the Pump Station and the Irrigation Central optimises the irrigation cycle by adjusting flow demand according to actual field conditions.



Linking your Pump Station directly to the Irrigation Central Control System.

## Providing Pump Stations for over 20 years

TODAY'S Rain Bird Pump Station line is based on over 20 years of continued development and improvement since Rain Bird Sweden built its first prefabricated Pump Station for golf course irrigation.

Rain Bird's long-term close working relationship with the end users of their Pump Stations has provided the feedback and knowledge necessary to develop a product that is truly adapted to the needs of golf course managers.

### Wide Range

Rain Bird Pump Stations are available in a wide range of high quality multi-pump units.

With the V-series (using vertical multi-stage centrifugal pumps) in different configurations Rain Bird offers a wide range of solutions for diverse and demanding golf course irrigation applications.

### Field Service

Rain Bird field service engineers are available

Australia wide to provide Pump Station start-up and end user training.

After each project has been completed they will provide on going training and support to ensure that the system performs reliably and efficiently, long into the future.

### Contact details

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