

Central Control Systems

Rain Bird® Central Control Systems are designed with ease of use in mind. These systems effectively integrate advanced technologies and optional software to arrive at solutions that manage water use responsibly to save money and reduce utility costs, while continually enhancing course appearance and improving playability.



The Right Level of Control — Right Now.

All too often, superintendents or greens committees purchase a central control system that exceeds the irrigation requirements for their golf course. Before deciding which central control system to purchase, think about the level of control you believe is necessary to maintain course appearance and playability, while reducing water, labor and energy costs. Keep in mind, all Rain Bird Central Control Systems are backward compatible so upgrading your system as the irrigation needs of your course change is easy and affordable.



Cirrus™

As our most advanced central control product, Cirrus serves as the intelligent control for many of golf's most sophisticated irrigation systems. By combining computer-aided design with GPS geo-referenced images and state-of-the-art ET-based scheduling, it delivers all the most innovative features that highly-demanding courses expect.



Nimbus II™

Combining advanced features with simple operation, Nimbus II is a good choice for courses that want to save time and effort while maintaining premier playing conditions. ET-based scheduling and advanced flow management ensure users get the most from every drop of water.

Stratus II™ and StratusLT™

The Stratus platform is an excellent choice for simple time- or ET-based scheduling. With Stratus, you can start with the basics any course needs to efficiently maintain lush conditions on any course, or upgrade to advanced features if you want more sophisticated irrigation management.



Refer to the chart on the following page to compare the features and irrigation management tools provided with each of these systems.

	Cirrus™	Nimbus™ II	Stratus™ II	StratusLT™	
Features	Real-time decision making	✓	✓	✓	✓
	Radio communication option	✓	✓	✓	✓
	Works with Rain Bird Integrated Control™ System (ICS)	✓	✓	✓	✓
	Works with all Rain Bird satellites	✓	✓	✓	✓
	Works with Rain Bird decoders	✓	✓	✓	✓
	Works with Rain Bird MI Series™ Mobile Controller	✓	✓	✓	✓
	Works with The FREEDOM System™	✓	✓	✓	✓
	Maximum number of interfaces - Hybrid (same or mix)	12	8	2	1
	Number of ICS™ wire groups (paths) standard	4	4	1	1
	Maximum number of ICS™ stations	36,000*	24,000‡	6,000‡	750
	Number of 2-wire satellite wire groups (paths) standard	4	4	2	1
	Maximum number of 2-wire satellite wire groups	48**	32**	8**	1
	Maximum number of 2-wire satellite stations	32,256**	21,504**	5,376**†	672
	Maximum number of wireless satellite stations	32,256**	21,504**	5,376**†	672
	Number of decoders/solenoids standard	500/1,000	500/1,000	500/1,000	200/400 ◊
	Maximum number of decoders/solenoids	6,000/12,000 Δ	4,000/8,000 Δ	700/1,400 Δ	300/600 with LDI
Number of simultaneously active decoder solenoids per interface	40/LDI	40/LDI	40/LDI	15/SDI	
Maximum number of weather stations	5	5	1	1 (WS-PRO LT only)	
Maximum number of pump stations	6	6	6	2	
Programming	Standard/QuickIRR™/SimpleIRR™	✓	✓	✓	✓
	Number of courses	3	3	2	1
	Number of holes	54	54	27	18
	Number of Flo-Zones™	999	999	999	999
	Programs	Unlimited	Unlimited	500	250
	Schedules	50 per program	50 per program	25 per program	25 per program
	Irrigation programs - active simultaneous	50	50	20	10
	Temporary Program adjust	✓	✓	✓	✓
Temporary Schedule adjust	✓	✓	✓	✓	
Temporary Station adjust	✓	✓	✓	✓	
Software Features	Flo-Manager® - Dynamic Power and Hydraulic Optimization	✓	✓	✓	✓
	Flo-Guard™	✓	✓	✓	✓
	ET Management (Fully Automatic)	✓	✓	✓	✓
	ET-Based Scheduling - Irrigation by Volume	✓	✓	✓	✓
	Minimum ET Operation	✓	✓	✓	✓
	ET Spreadsheet™ Analysis	✓	✓	✓	✓
	Rain Bird® MI Series Mobile Controller	✓	✓	✓	✓
	Advanced IC™ diagnostics with pinpoint accuracy	✓	✓	✓	✓
	Wireless satellite radio diagnostics	✓	✓	✓	✓
	Comprehensive decoder diagnostics	✓	✓	✓	✓
	Real-Time Operation Log	✓	✓	✓	✓
	Report Generation	✓	✓	✓	-
	Water budgeting 0-300%	✓	✓	✓	✓
	Rain Bucket™ - accumulated rainfall allowance	✓	✓	✓	✓
	Rain Sensor	✓	✓	✓	✓
	Rain Watch™ - respond and use rain events immediately	✓	✓	✓	✓
	QuickStart™ - system setup and run irrigations in minutes	✓	✓	✓	✓
	Help Screens	✓	✓	✓	✓
	Course Monitor™	✓	✓	✓	✓
	Hole View	✓	✓	✓	✓
	DryRun™ - projected flow and runtimes	✓	✓	✓	✓
	Course View™ - map based graphical view of course	✓	✓	✓	✓
	Import GPS, CAD, and/or Aerial photos	✓	✓	✓	✓
	Virtual Monitoring and Control - area	✓	✓	✓	✓
	Virtual Monitoring and Control - individual stations	✓	✓	✓	-
	Smart Weather™ - monitoring and alarms	✓	✓	✓	-
	Precipitation Data	✓	✓	✓	✓
	Rotor Data	✓	✓	✓	✓
	Cycle + Soak™	✓	✓	✓	✓
	Smart Weather™	✓	✓	✓	✓
	Multiple Weather Stations	✓	✓	✓	-
	Hybrid - System expansion with additional interfaces (same or mix)	✓	✓	✓	-
Station Layers - Map/Operations	✓	✓	✓	-	
Rain Bird Messenger - email alerts	✓	✓	✓	✓	
Smart Pump™	✓	Keycode Module Option	Keycode Module Option	Keycode Module Option	
Additional Wire Groups (path) - expand from standard	✓	✓	Keycode Module Option	-	

*With additional ICS(s) ** Possible with Hybrid Module and additional MIM™(s) †Possible with Hybrid Module and additional Wire Groups Module(s) ‡ Possible with Hybrid Module and additional ICI(s)
 Δ Possible with Hybrid Module and additional LDI(s) ◊ Possible using a LDI instead of Standard SDI.

Cirrus™

Specifications

Map-Based Control Up to 3 Courses (54 Holes)

Programs Unlimited

Schedules Up to 50 per Program

Interfaces Up to 12

Satellite Stations Up to 32,256

IC™ Stations Up to 36,000

Pump Stations Up to 6

Weather Stations Up to 5



STANDARD FEATURES

- **Hybrid Communication (Up to 12 interfaces)** – Use any combination of field hardware to control irrigation specific to your course requirements.
- **RainWatch™** – Active rainfall monitoring and automatic user-defined irrigation responses dynamically deliver exact application rates and reduce water use—all during an irrigation cycle.
- **SmartPump™** – 24/7 pump station monitoring allows you to automatically modify irrigation demand based on your actual pump data, increasing your pump station efficiency and protecting your entire hydraulic system.
- **Flo-Manager®** – With real-time flow management, Flo-Manager delivers maximum watering flexibility, reducing wear on your pump station and minimizing your water window.
- **Temporary Station, Schedule and Program Adjust** – Fine-tuned adjustments can be made on individual stations, programs and schedules to resolve temporary irrigation needs.
- **Quick IRR™ and Simple IRR™** – Intuitive programming makes building irrigation programs simple and quick.
- **Smart Weather™** – Automatically adjust your system based on real-time weather events and daily evapotranspiration (ET) measurements for precision irrigation and less waste.

Nimbus™ II



Specifications

Map-Based Control	Up to 3 Courses (54 Holes)
Programs	Unlimited
Schedules	Up to 50 per Program
Interfaces	Up to 8
Satellite Stations	Up to 21,504
IC™ Stations	Up to 24,000
Pump Stations	Up to 6
Weather Stations	Up to 5

STANDARD FEATURES

- **Hybrid Communication (Up to 8 interfaces)** – Use any combination of field hardware to control irrigation specific to your course requirements.
- **RainWatch™** – Active rainfall monitoring and automatic user-defined irrigation responses dynamically deliver exact application rates and reduce water use—all during an irrigation cycle.
- **Flo-Manager®** – With real-time flow management, Flo-Manager delivers maximum watering flexibility, reducing wear on your pump station and minimizing your water window.
- **Temporary Station, Schedule and Program Adjust** – Fine-tuned adjustments can be made on individual stations, programs and schedules to resolve temporary irrigation needs.
- **Quick IRR™ and Simple IRR™** – Intuitive programming makes building irrigation programs simple and quick.
- **Smart Weather™** – Automatically adjust your system based on real-time weather events and daily evapotranspiration (ET) measurements for precision irrigation and less waste.

Upgrade Option

+

SmartPump™ – 24/7 pump station monitoring allows you to automatically modify irrigation demand based on your actual pump data, increasing your pump station efficiency and protecting your entire hydraulic system.

Stratus™ II and StratusLT™



STANDARD FEATURES

- **Hybrid Communication (Up to 2 interfaces with Stratus II)** – Combine two different field interfaces for added flexibility when controlling irrigation specific to your course requirements.
- **RainWatch™** – Active rainfall monitoring and automatic user-defined irrigation responses dynamically deliver exact application rates and reduce water use — all during an irrigation cycle.
- **Flo-Manager®** – With real-time flow management, Flo-Manager delivers maximum watering flexibility, reducing wear on your pump station and minimizing your water window.
- **Temporary Station, Schedule and Program Adjust** – Fine-tuned adjustments can be made on individual stations, programs and schedules to resolve temporary irrigation needs.
- **Quick IRR™ and Simple IRR™** – Intuitive programming makes building irrigation programs simple and quick.
- **Smart Weather™** – (Stratus II only) Automatically adjust your system based on real-time weather events and daily evapotranspiration (ET) measurements for precision irrigation and less waste.

Specifications	Stratus II	StratusLT
Map-Based Control	Up to 2 Courses (27 Holes)	Up to 18 Holes
Programs	500	250
Schedules	Up to 25 per Program	Up to 25 per Program
Interfaces	Up to 2	–
Satellite Stations	Up to 5,376	Up to 672
IC™ Stations	Up to 6,000	Up to 750
Pump Stations	Up to 6	Up to 2
Weather Stations	1	1 (WS-PRO LT only)

Upgrade Options

+

SmartPump™ – 24/7 pump station monitoring allows you to automatically modify irrigation demand based on your actual pump data, increasing your pump station efficiency and protecting your entire hydraulic system.

Additional Wire Groups – (Stratus II only)