

Reinke



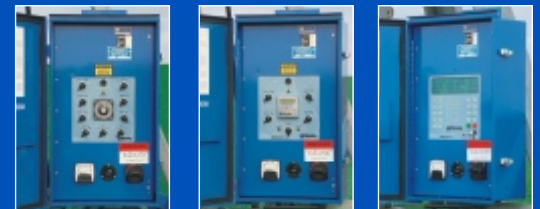
Reinke
MORE RIGHT THAN RAIN

RPM
REINKE PRECISION MANAGEMENT
PREFERRED

Reinke® Puts You In Control

RPM

REINKE PRECISION MANAGEMENT



 **Reinke**
MORE RIGHT THAN RAIN

RPM

REINKE PRECISION MANAGEMENT

Reinke® puts you in control

Built on a new robust and flexible foundation, RPM control panels integrate the newest technology in components with an innovative approach to design, so that controls can be tailored to each customer's unique requirements.

Each panel features a streamlined interface that's simple to use and easy to understand. RPM Panels upgrade easily and offer many options that conserve water, time, and labor.

All RPM Panels are built for durability and strength with an aluminum housing that eliminates rust. The exterior is powder-coated for a durable, lasting finish.

Your Reinke Dealer can help you determine which RPM panel and options are best suited to your operation. Stop in today and discover how Reinke and RPM put the power of efficient, accurate application in your hands.

FEATURES AND OPTIONS	PREFERRED	ADVANCED	RPM
Center Pivot / Lateral Move	●	●	●
Manual Pump Control	●	●	●
Multiple Speed Settings	●	●	○
Lightning Arrestor	●	●	○
Power Auto Restart	●	●	○
End Gun Shutoff	●	●	○
Two Programmable End Guns / Auxiliary Outputs	●	●	
Programmable Chem Pump Control	●	●	
Manual Generator Control	○	○	○
Injector Receptacle Kit	○	○	○
UL Approval	●	●	●
RCCB for Equipment Protection	○	○	○
Pressure Switch	○	○	○
Tower Auto Stop	○	○	○
Remote Panel Placement	○	○	○
Low Voltage Safety	○	○	○
Single Phase	○	○	○
Cam Wheel/Plate End Gun		○	○
Cam Wheel Auto Stop		○	○
Manual Injector Switch			○
Frost Switch			○
Temperature Probe	○	○	
Tower Auto Reverse	○	○	
Temperature Restart	○	○	
Pressure Restart	○	○	
Telemetry	○	○	
Phone Link Remote	○	○	
Position Auto Reverse	●	○	
Position Programmable	●	○	
GPS or Resolver Positioning	●	○	
Programmable Park	●	○	
Configurable Alarm Inputs	●		
Four Programmable Auxiliary Outputs	●		
Time Programmable	●		
Programmable Pump Control	●		
Logs / Record Keeping	●		
Flow Meter	○		
Rain Gauge	○		
Wind Vane	○		

● Standard Feature ○ Available Option



New design streamlines controls on all panels

Upgrades are easy - your Reinke Dealer quickly and simply changes the module on the inner panel.

Aluminum housing eliminates rust

Pneumatic strut assists with opening and closing of panel door and holds the door in position during windy conditions.

Powder-coated exterior creates a durable, lasting finish



RPM

REINKE PRECISION MANAGEMENT

PREFERRED

Designed to meet today's most challenging irrigation situations, the RPM Preferred Control Panel uses innovative computer technology to deliver complete control over your irrigation system.

Equipped with our industry-leading RAMS* technology, RPM Preferred is simple to program with setup and programming wizards to guide you through every step. Programs are easy to retrieve, and the streamlined interface features a serial port for connection to your laptop computer. RPM Preferred logs events so you know what's been happening with the system.

RPM Preferred allows you to customize application to varying slope and soil conditions within your field. Precision application controls conserve water, reduce nutrient percolation, and minimize operating costs by applying water only when and where it's needed.

Reduce management time by using options such as RPM Monitor and Control (telemetry) and RPM Phone Link instead of making a trip to the pivot center to check functions and operation status. With our exclusive Reinke Navigator™ GPS locater option for end towers, you can program any location-based setting with unmatched accuracy.

RPM Preferred gives you the control you need to face today's most challenging irrigation situations.



* Reinke Automated Management System



- With the Reinke Navigator GPS option, program end gun, auto stop, and auto reverse settings with even greater precision
- Set-up and programming wizards ease installation and programming
- Records 1,000 events for later download to your base PC
- Record up to 64 pivot operations
- Easy-access serial port and base station software allow transfer of data between the panel and your laptop computer
- Precision control of two end guns or one end gun and another auxiliary output, plus four additional auxiliary outputs
- Simple program functions
- Control fertigation pumps
- Advanced use of pressure, flow, temperature, and weather measurement equipment for monitoring and control
- Simple manual operation
- Back-lit display

RPM

REINKE PRECISION MANAGEMENT

ADVANCED

The RPM Advanced panel provides digital precision control for your irrigation system. Equipped with our proven PAC* III technology, RPM Advanced precisely regulates system speed and functions, insuring accurate water, fertilizer, and chemical application with center pivot and lateral move irrigation systems.

RPM Advanced is simple to program and allows you to customize settings for up to ten different sections of your field. Depth settings are displayed to 1/100th of an inch and are microprocessor-controlled to remain accurate for the life of the product.

RPM Advanced offers many options, including the choice of cycle time options, the ability to control up to two end guns, and the ability to delay the system for longer soak times at the forward and reverse positions.

Advanced options include telephone control (RPM Phone Link) and telemetry (RPM Monitor and Control). When coupled with resolver technology or the **Reinke Navigator™** GPS locator for end towers, you may program end gun settings - or any location-based settings - with unprecedented accuracy. Simple position programming allows water application to be tailored for the needs of multiple crops and varying conditions in the field.

Repeatable, highly accurate settings meet the demands for irrigating and/or chemigating in today's ag environment.



*Precision Application Controller



- Reinke Navigator™ GPS option allows for even greater precision with end gun and auto stop settings
- Easy to program
- 30 and 60 second cycle time options
- Customize settings for up to ten different sections of your field
- Delay at selected barriers
- Repeatability accuracy
- Control two end guns, or one end gun and another auxiliary output
- English or Metric measurements
- Display calculations up to 1/100th of an inch
- Controls center pivot, lateral move, and pivoting lateral move systems

RPM

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The first level of our new and improved control panel series, the RPM panel delivers state-of-the-art technology, yet is simple to use.

The RPM panel features speed controls, directional options, start/stop and auto-stop control functionality, control over pressure and temperature interlocks, and the ability to shut off the end gun from the panel.

The RPM panel is easily enhanced with a variety of powerful options, including power restart and a simplified version of our PAC III timer.

Upgrading the RPM panel is quick and easy. Your Reinke Dealer simply replaces the RPM module inside the panel with the Advanced or Preferred module.

All RPM control panels are backed by the finest Dealer Network in the industry. Reinke Dealers are a select group of irrigation professionals who are dedicated to providing only the highest level of service and a



complete selection of parts for Reinke systems and most competitive systems as well. See your Reinke Dealer today.



- Easily enhanced with a variety of powerful options, including a basic version of our PAC III timer
- Standard features include speed control, directional options, start/stop and auto-stop control
- 15, 30, 60, and 120 second cycle time options

- End gun shutoff
- Pressure and temperature interlock control
- Upgrades quickly and simply by changing the module on the inner panel

CONTROL OPTION

RPM PHONE LINK

The RPM Phone Link Control System features the ability to control and/or monitor remotely-located irrigation systems via a cellular or standard “land-line” telephone. Phone Link provides you with critical information about your irrigation system and allows you to respond immediately, saving both time and money.



- Digital tones “link” you to your irrigation system via a cellular or land-line phone
- Alarm functions alert you by phone of problems with the system, should they occur
- A human voice responds to your commands
- Phone Link can be added to any existing RPM Advanced or Preferred Panel

CONTROL FUNCTIONS		
	RPM Preferred	RPM Advanced
Status Update	<input type="checkbox"/>	<input type="checkbox"/>
System Start in Fwd/Rev	<input type="checkbox"/>	<input type="checkbox"/>
System Stop	<input type="checkbox"/>	<input type="checkbox"/>
Set Speed	<input type="checkbox"/>	<input type="checkbox"/>
Set Depth	<input type="checkbox"/>	<input type="checkbox"/>
Water Pump	<input type="checkbox"/>	<input type="checkbox"/>
Chem Pump	<input type="checkbox"/>	<input type="checkbox"/>
Auto Stop	<input type="checkbox"/>	<input type="checkbox"/>
Auto Reverse	<input type="checkbox"/>	<input type="checkbox"/>
End Gun	<input type="checkbox"/>	<input type="checkbox"/>
Auxiliary Control	<input type="checkbox"/>	<input type="checkbox"/>

ALARM MESSAGES		
	RPM Preferred	RPM Advanced
Power Failure	<input type="checkbox"/>	<input type="checkbox"/>
System Alignment	<input type="checkbox"/>	<input type="checkbox"/>
Low Pressure	<input type="checkbox"/>	<input type="checkbox"/>
Frost Kill	<input type="checkbox"/>	<input type="checkbox"/>
Stall Timer	<input type="checkbox"/>	<input type="checkbox"/>
Fuse Auxiliary 1	<input type="checkbox"/>	<input type="checkbox"/>
Fuse Auxiliary 2	<input type="checkbox"/>	<input type="checkbox"/>
Park Stop	<input type="checkbox"/>	<input type="checkbox"/>
Alarms 1-2-3	<input type="checkbox"/>	<input type="checkbox"/>
Rain, Wind	<input type="checkbox"/>	<input type="checkbox"/>
Auto Stop/Rev	<input type="checkbox"/>	<input type="checkbox"/>

STATUS UPDATE		
	RPM Preferred	RPM Advanced
Pivot Position	<input type="checkbox"/>	<input type="checkbox"/>
Direction	<input type="checkbox"/>	<input type="checkbox"/>
Speed Depth	<input type="checkbox"/>	<input type="checkbox"/>
Pump Status	<input type="checkbox"/>	<input type="checkbox"/>
Chem Pump	<input type="checkbox"/>	<input type="checkbox"/>
End Gun	<input type="checkbox"/>	<input type="checkbox"/>
Auxiliary Control	<input type="checkbox"/>	<input type="checkbox"/>
Weather Station	<input type="checkbox"/>	<input type="checkbox"/>
Alarm Status	<input type="checkbox"/>	<input type="checkbox"/>

With the RPM Panel, Phone Link offers these capabilities:
Control Functions - System Stop
Alarm Messages - Power Failure & System Stop
Status Update - Alarm Status.

CONTROL OPTION

RPM MONITOR AND CONTROL (Telemetry)



RPM Monitor and Control (Telemetry) allows you to perform any system control from your computer that you can perform standing in front of the panel and more, saving you time, labor, and operating costs.

The RPM Telemetry option is available for both the Advanced and Preferred control panels. It allows you to control up to 100 irrigation systems, check operational status and ancillary functions, change operating system parameters, and log events.

With RPM Preferred, programs for specific systems or your entire irrigation operation can be written at your desk and transferred across the network. You may also connect your laptop computer to the panel itself via the serial port connector on the panel interface.

If problems occur with any irrigation systems, the base unit can be programmed to alert you, or anyone you choose, by phone.

RPM Monitor and Control software is easy to use and is Windows compatible. It provides you with up-to-date information on the status of all your systems and retains the season's operating data for future analysis and planning.

Save time, labor, and operating costs with RPM Monitor and Control.



- **Track, record, and graph application data**
- **Control up to 100 systems from one base unit**
- **Easy-to-use Windows compatible software**
- **Weather station and flow meter options also available**
- **System setup variables can be sent to, or retrieved from any system within the field**
- **Programs can be sent to or retrieved from any system in the field**



See your Reinke dealer today, or call our toll-free Grower's Hotline (866-365-7381) to find the dealer nearest you.



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Reinke Manufacturing Company, Inc. reserves the right to discontinue models at any time, or to change specifications, design, or accessories without notice and without incurring obligation.

Reinke NAVIGATOR™

SERIES OF GPS CONTROLS

**ABSOLUTE
PRECISION
ABSOLUTE
CONTROL**

Tap into the power of advanced satellite guidance for your irrigation systems with our exclusive Reinke Navigator™ Series of GPS Controls.

Every day, water becomes a more precious resource, making efficient, accurate management critical to your operation. RPM Advanced and Preferred panels equipped with Navigator GPS guidance deliver unbeatable application accuracy – the highest level available in the industry today.

With Navigator and RPM working in tandem, absolute precision and control are at your fingertips. See your Reinke Dealer for more information.

RPM
REINKE PRECISION MANAGEMENT



End Tower Location

Our innovative new GPS locator for End Towers (patented) ensures extreme accuracy for end gun control and all location-based settings by tracking the exact position of your center pivot's end tower as the system navigates around the field.

- Transmits data via existing AC wires - no extra conductors needed
- WAAS-enabled* for unprecedented accuracy
- Unbeatable accuracy with auto stop, auto reverse, and all location-based settings
- Better end gun control with all system configurations
- Add extra options without the expense of additional span cable
- Retrofits to most irrigation systems

* The WAAS (Wide Area Augmentation System) satellite system provides signal corrections more accurate than a GPS receiver without any corrections.

Swing Arm Corner Guidance

The Reinke Navigator GPS guidance option for swing arm corner systems (patented) uses surveyor-grade equipment to help you maximize difficult-to-cover acreage, even with rocky and hard-to-trench soil.

- Eliminates the need for buried wire guidance and its potential problems
- Surveyor-grade equipment ensures precision
- Ideal for use with rocky and hard-to-trench soil
- Changes to field perimeters can be done easily - new coordinates are entered into the GPS software and the corner system's path is automatically adjusted

Lateral Move Guidance

The Reinke Navigator GPS guidance option for lateral move systems (patent pending) uses three surveyor-grade GPS antennas and two GPS receivers to precisely guide your lateral move system across the field.

- Ensures coverage with extreme precision in both forward and reverse
- Changes to field perimeter settings and even location can be done with ease and precision.
- Eliminates the need for buried wire, cable, or furrow guidance
- Can be used on all Reinke lateral move systems
- Surveyor-grade equipment
- One stationary receiver can operate multiple systems*

* Distance limitations apply. See your Reinke Dealer for more information.



www.reinke.com

Toll-Free Grower's Hotline 866-365-7381

"Our mission... to exceed our customers' expectations of quality, service, and innovation."