

PARTS CATALOG

Quality Irrigation Parts



Reinke
MORE RIGHT THAN RAIN



OUR MISSION:
TO EXCEED OUR CUSTOMERS'
EXPECTATIONS OF QUALITY,
SERVICE AND INNOVATION.

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MAIN CONTROL PANELS

MAIN CONTROL PANELS

140811 - MCP-RPM Basic

RPM Basic Main Control Panel

The first level of our RPM (Reinke Precision Management) main control panels. The RPM Basic Panel is our value priced panel built with the same high quality components as our premium panels. Standard features include commercial or generator power, end gun control, speed control, directional operations and start/stop. This panel meets all UL and C/UL requirements.

RPM Basic Main Control Panel Additional Parts:

140812 - MCP-RPM-TAR-STEEL-18x16x10



140801 - MCP-RPM Standard

RPM Standard Main Control Panel

The RPM Standard Panel is our most basic design and comes standard with a dial timer, voltmeter, hour meter and main disconnect switch. It also includes all the additional operator controls needed to effectively manage your irrigation system. The RPM Panel is designed to allow quick and easy upgrades and will stand up to rigorous requirements of agriculture today and far into the future.

RPM Standard Main Control Panel Additional Parts:

160801 - Faceplate - RPM Standard - Retro

140804 - RPM Standard TWR A/R

160804 - Faceplate - RPM Standard TAR - Retro



140802 - MCP-RPM Advanced

RPM Advanced Main Control Panel

The RPM Advanced Panel is designed for more precise control of your irrigation system and comes standard with our industry leading PAC III timer/controller technology along with additional operator controls needed to effectively manage your irrigation system. The RPM Advanced Panel is designed to allow quick and easy upgrades, and if paired with our exclusive Navigator line of GPS controls, you can achieve unparalleled system accuracy.

RPM Advanced Main Control Panel Additional Parts:

160802 - Faceplate - RPM Advanced - Retro



140809 - MCP-RPM Preferred with Touch Technology

RPM Preferred with Touch Technology Main Control Panel

The RPM Preferred Panel is the ultimate main control panel. Touch technology gives you unparalleled ease of use and precision control of your irrigation system. This panel has a 10.1-inch, sunlight readable LCD screen that simplifies your experience, making all functions of your irrigation system just a screen tap away. End guns, auxiliaries and barriers can be reset in seconds on this fully computerized, Windows based main control panel. The RPM Touch Screen gives you the enhanced controls you need to meet the requirements of precision agriculture today and far into the future. If paired with our exclusive Navigator line of GPS controls, you can achieve the pinnacle in system accuracy.

RPM Preferred with Touch Technology Main Control Panel Additional Parts:

160809 - Faceplate RPM Preferred Touch Retro (updates existing RPM Standard or Advanced Panel)

160809-R - Faceplate RAMS to Touch Retro (updates existing RAMS or Touch Screen)



X = Standard - = Not Available

FEATURE OR OPTION	STANDARD 140801	ADVANCED 140802	PREFERRED 140803	STD TOWER A/R 140804	TOUCH 140809	MINI 140811	MINI A/R 140812
Replacement Face Plate	160801	160802	160803	160804	160809	-	-
Manual Pump Control	X	X	X	X	X	X	X
Two Speeds (PAC Option)	140900	X	X	140900	X	-	-
End Gun Shut Off	140901	X	X	140901	X	-	-
Lighting Arrestor	140902	X	X	140902	X	140902	140902
Manual Generator Control	140903	140903	140903	140903	140993	140963	140963
Chem/Auxiliary Control	140904	X	X	140904	X	-	-
Injector Receptacle Kit	140905	140905	140905	140905	140905	-	-
UL Approval	140906	140906	140906	140906	140906	140906	140906
GFI	140907	140907	140907	140907	140907	140907	140907
Pressure Switch	140958	140968	140959	140958	140959	140978	140978
Cam Plate Park/Stop/End Gun	140910 142795	140910 142795	-	140910 142795	-	-	-
Tower Auto Stop	X	X	X	X	X	-	-
Frost Switch	140911	-	-	140911	-	-	-
Power Auto Restart	140912	X	X	140912	X	140912	140912
Tower Auto Reverse	-	X	X	X	X	-	X
Position Auto Reverse	-	X	X	-	X	-	-
Temperature Probe	-	140913	140914	-	140913	-	-
Temperature Restart	-	X	X	-	X	-	-
Pressure Restart	-	X	X	-	X	-	-
Low Volt Relay	142292	142292	142291	142292	142291	-	-
Windows Remote	-	X	X	-	X	-	-
Phone Link Remote	-	140915	140915	-	140915	-	-
Position Programmable	-	X	X	-	X	-	-
GPS Positioning-Cold Wire		140970	140970		140970	-	-
Resolver Positioning	-	140919	140919	-	140919	-	-
Programmable Park	-	X	X	-	X	-	-
Two Programmable End Guns	-	X	X	-	X	-	-
Configurable Alarm Inputs	-	-	X	-	X	-	-
Programmable Aux Outs	-	-	X	-	X	-	-
Time Programmable	-	-	X	-	X	-	-
Programmable Pump Control	-	-	X	-	X	-	-
Flow Meters	-	-	X	-	X	-	-
Rain Gauge	-	-	140916 143413	-	140956 143413	-	-
Wind Vane	-	-	143420	-	143420	-	-
Logs/Record Keeping	-	-	X	-	X	-	-
Pressure Transducer	-	-	143473	-	143473	-	-
BWG Transmitter	140920	140920	140920	140920	140920	-	-
Pivot Junction Box	141922	141922	141922	141922	141922	141922	141922
Large Service Wire Adapter	141923	141923	141923	141923	141923	-	-

Contact Your Local Reinke Dealer to Order

10 CONTROLS



TIMERS

113369 - PAC III Timer

PAC Timer Basic Retro Kit

Our PAC Timer works on most brands of equipment, giving you repeatable accuracy and simple control of your irrigation system, whether it's a center pivot or a lateral system. Easily programmable for speed, direction and end gun control. This timer works best for part-circle application. The PAC timer gives you the ability to break your field into 10 sectors and adjust speed, end gun and auxiliary programs by sector. Delayed barrier programming allows your system to remain at a barrier and continue to water for up to 15 minutes.

PAC Timer Additional Parts:

167008 - PAC II End Gun GPS Retro	163391 - PAC II w/Resolver End Gun Add-on Kit*
167009 - PAC II End Gun GPS Add-on Retro*	167012 - PAC End Gun GPS Add-on Retro Maxi*
167013 - PAC II End Gun GPS Retro Maxi	163392 - PAC II Frost Kill Retro Kit
	162782 - PAC Basic Retro Kit

*If the description includes the words "add-on," the PAC II Timer is not included.



C12588V - Eagle Over-Watering Timer

Eagle Over-Watering Timer

Over-watering timers are in the second last tower box, and they shut the system down if it fails to move after a pre-selected time. Eagle over-watering timers have a heavy duty terminal block, with 9 screw terminals that will readily accept 16 gauge wire.

The case of the timer is injection molded Lexan: is self-extinguishing, has a high impact strength, and high dimensional stability. Timers are micro processor driven, and provide an accurate adjustable time delay between the actuation of the control circuit and the operation of the load switches.



114088 - 20 Minute Timer

20 Minute Timer

This timer is used as an over-watering timer in Tower Box B. It is a delay on drop out (DODO) timer that is UL Listed and CSA Certified.



112759 - Auto Restart Timer

Auto Restart Timer

This solid state chassis, delay on pull in (DOPI) timer is used in auto restart applications and comes preset for five minutes.



Contact Your Local Reinke Dealer to Order

TIMERS

110630 - Eagle 30 Second Percentage Timer



Eagle Signal Controls

Eagle 30 Second Percentage Timer

This Eagle 30 Second Percentage Timer regulates the revolution time of the system in laterals and swing towers. Can be adjusted from 0-100% with 2% graduations.



110660 - Eagle 60 Second Percentage Timer



Eagle Signal Controls

Eagle 60 Second Percentage Timer

This Eagle 60 Second Percentage Timer regulates the revolution time of your irrigation system. Used in the RPM Basic & RPM Basic with Tower A/R panels, as well as the legacy Reinke gray panels. Can be adjusted from 0-100% with 2% graduations.



WIRELESS CONTROLS

Reinke Wireless Controllers

- All units are transceivers for flexibility of installation
- Program units in the field to be either a master or a slave
 - One to one or one to many
 - Operation with one master and one slave or multiple masters control one slave
 - Inputs at the master operate the corresponding output relay on the slave
 - 4 input channels
 - 4 independent relay outputs
 - Relay 1, SPDT *8A, 120vac max
 - Relay 2, SPDT *8A, 120vac max
 - Relay 3, SPDT *8A, 120vac max
 - Relay 4, SPDT *8A, 120vac max, 5 second "ON DELAY"
 - Powerful 150MHz radios for increased reliability
 - 3/4 mile communication range
 - Configure to reduce interference (in field)

Reinke Wireless Controllers & Parts:

353365 - Wireless Controller, Pair

353366 - Wireless Controller, Single

147052 - Power Supply Kit Trac - Converts 120 VAC to 12 VDC & Supplies Power to the Controller



Reinke Navigator GPS Controls



Reinke Navigator GPS Controls

There's no better choice than the Reinke Navigator GPS system for unmatched precision and timing. With the virtually maintenance free Navigator GPS package, you save time, labor and money.

Using Wide Area Augmentation System (WAAS) GPS network, it provides unmatched accuracy and position information when compared to mechanical and end gun control devices. The WAAS network also provides additional information from fixed-point reference stations located around the country to augment information gathered and calculated by the Navigator GPS.

System position information is transmitted down existing AC power Wires (alleviating the need for extra conductors) and interfaces with the RPM Advanced or RPM Touch Screen control panels so you can program various field layouts - all with the assurance of unparalleled location accuracy. **Reinke Navigator GPS can be retrofitted to all reinke systems and most competitive brands of equipment.**

Reinke Navigator GPS End Tower Control Options:

- 167007 - GPS Resolver Retro Kit - Used for RAMS Panel
- 167008 - PAC II End Gun GPS Retro - Used for panels with the ATC timer
- 167009 - PAC II End Gun GPS Add-on Retro - Used for panels with PAC timers
- 167012 - PAC End Gun GPS Add-on Retro Maxi - Everything needed to update a PAC II timer to GPS on a lateral
- 167013 - PAC II End Gun GPS Retro Maxi - GPS/PAC II kit for a lateral move system including PAC III timer
- 167014 - GPS Resolver Option Maxi Retro - Used for a lateral move RAMS to GPS
- 137007 - GPS Receiver WAAS Enable
- 160970 - GPS CDW MCP Kit Retro - Used to Retro a Blue Panel with EOS GPS

Reinke Navigator GPS Controls for Swing Arm Corners and Lateral Move Systems

Utilizes Real Time Kinematic (RTK) surveyor grade GPS signal that provides sub-centimeter accuracy for the ultimate in system guidance, RTK surveyor grade GPS utilizes a position location process whereby signals are received directly to the user's base GPS receiver and then transmitted to the GPS receiver located at each individual system.

Reinke Navigator GPS Swing Arm Corner Control Options:

- 167017 - GPS SAC RET NBS NRD STAND E60 (no base or radio included...uses an existing Trimble network)
- 167018 - GPS SAC RET NBS NRD STAND EII (no base or radio included...uses an existing Trimble network)
- 167019 - GPS SAC RET NBS NRD PLC E60 (no base or radio included...uses an existing Trimble network)
- 167020 - GPS SAC RET NBS NRD PLC EII
- 167000 - SAC GPS Retro Standard E60 - Used to upgrade an E60 Swing Arm with an S-Box
- 167057 - SAC GPS Retro Trimble Standard EII - Used to upgrade an EII Swing Arm with an S-Box
- 167058 - SAC GPS Retro Trimble PLC EII - Used to upgrade an EII Swing Arm with the Accu-Corner Option
- 167001 - SAC GPS Retro PLC E60 - Used to upgrade an E60 Swing Arm with the Accu-Corner Option
- 167059 - Hemisphere to Trimble GPS Guidance

Reinke Navigator GPS Lateral Move Control Options:

- 167003 - Lateral Move System GPS Guidance Retro Kit Without Base Station E60
- 167004 - Lateral Move System GPS Guidance Retro Kit With DigiKey Radio and Without Base Station
- 167050 - Lateral Move System GPS Guidance Retro Kit With Freewave Radio and Base Station
- 167051 - Lateral Move System GPS Guidance Retro Kit With Freewave Radio and Base Station A4
- 167052 - Lateral Move System GPS Guidance Retro Kit With Freewave Radio and Without Base Station
- 167053 - Lateral Move System GPS Guidance Retro Kit With Freewave Radio and Without Base Station A4
- 167054 - Lateral Move System GPS Guidance Retro Kit Without Base Station EII

REMOTE MANAGEMENT

ReinCloud™ Ag-Data Services



equipment and you'll have access to the following features:

ReinCloud™ Ag-Data Services is an online software that helps you combine field and irrigation data into one easy-to-use online dashboard. Whether it's irrigation monitoring and controls, weather or sensor data you're looking for, ReinCloud is easy-to-use, informative and ready to put your ag-based data to work. Gaining access to access to ReinCloud is easy. Simply purchase any ReinCloud Ready™

Software Features

- Safe and secure data services
- Data organization by site and zone
- Customizable dashboard
- Access on everyday devices
- Notifications through option of Text, Email, App or Voice.
- Irrigation Equipment Widgets
- Reports
- Data Sharing
- Weather Widget powered by WeatherUnderground™
- Aerial Map View
- Data graphing



Ontrac Satellite & Cell



Basic Control

Ontrac Satellite or Ontrac Cell can provide basic monitoring and control on most brands of irrigation systems. No matter what type of main control panel in the field, you can easily gain access to the following functions:



Features Include:

- ReinCloud Online Software
- Monitor system running, direction and power status

Optional features:

- Control start and stop
- Monitor pressure, rain, wire theft and position

Ontrac Base Options:

350785 - Ontrac Cell (Verizon) Base Unit

350790 - Ontrac Satellite Iridium Base Unit

Options

350774 - Ontrac Control Board

350763 - Ontrac Transducer

350731 - Ontrac Pressure Switch

356901 - Ontrac Wire Theft

356902 - Ontrac Solar Power

350741 - Ontrac Rain Gauge

350975 - Ontrac Basic GPS

350974 - Ontrac GPS Navigator Cable

351531 - Ontrac Span Mount Kit

355735 - Ontrac Pivot Center Mount Kit

Subscription

Subscription fees apply please consult your Reinke dealer for more information.

REMOTE MANAGEMENT

Ontrac Satellite Plus & Cell Plus



Advanced Controls

This next level of Ontrac can provide advanced monitoring and controls on new or existing Reinke RPM Advanced, RAMs and Touch Screen main control panels. With options of Satellite or

Cellular communications there is no system out there that can't be reached with this technology.

Features include:

- ReinCloud Online Software
- Compatible with RAMS, RPM Advanced and RPM Touch Screen control panels
- Eliminates reception issues due to obstacles



Ontrac Satellite Plus Options:

350787 - Satellite Plus Advanced Retro Kit

350788 - Satellite Plus RAMS Retro Kit

350789 - Satellite Plus Touch Retro Kit

350779 & 350779A - Satellite Plus Touch - Pre-Installed

350777 & 350779A - Satellite Plus Advanced - Pre-Installed

Ontrac Cell Plus Options:

350887 - Cell Plus Advanced (Verizon) Retro Kit

350888 - Cell Plus RAMs (Verizon) Retro Kit

350889 - Cell Plus Touch Screen (Verizon) Retro Kit

350877 & 350779A - Cell Plus Advanced (Verizon) Pre-Installed

350879 & 350779A - Cell Plus Touch Screen (Verizon) Pre-Installed

Subscription

Subscription fees apply please consult your Reinke dealer for more information.

Features	Advanced	RAMS	Touch
Start	■	■	■
Stop	■	■	■
Pump	-	■	■
Speed	■	■	■
Direction	●	■	■
Position	●	●	●
Park	■	■	■
End Gun	■	■	■
Chemical Pump	-	■	■
Auxiliary 1	-	■	■
Pressure Switch	-	●	●
PSI Transducer	-	●	●
Wire Theft	-	-	-
Flow	-	●	●
Rain	-	●	●
Pivot On/Off	●	●	●
Safety	-	●	●
Power Status	●	●	●

● = Monitor Only
■ = Monitor & Control

Ontrac Radio



Preferred Controls

The ultimate in remote management, Ontrac Radio can communicate system data to a centralized location known as the base station. From this location with the use of Reinke's Base Station software, systems can be controlled remotely as if you were standing right in front of main control panel in the field.

As part of the process of knowing if Ontrac Radio is right for you, Reinke engineers will perform a communication path study. They'll factor in pivot locations, pivot path, area signal strength, terrain features and ground obstructions to make sure your Ontrac Radio system operates flawlessly

Features include:

- Optional ReinCloud Online Software
- Compatible with RAMS, RPM Advanced and RPM Touch Screen control panels
- The most control and monitor options available through Reinke's Base Station Software



Contact Your Local Reinke Dealer to Order

16 PUMP PARTS



PUMP PANELS

Pump Panels

Our pump panels are 550LR solid state overload panel that are approved for submersible pump applications. It has an adjustable trip current, ambient temperature compensation, and our sizes closely match common motor sizes. Standard Nema 8502 type S contactors. All devices are UL Listed and marked "SUITABLE ONLY FOR USE AS SERVICE EQUIPMENT."

Pump Panel Options:

- 149200 - Pump Panel Kit, 100 HP, 480V
- 149201 - Pump Panel Kit, 75HP, 480V
- 149202 - Pump Panel Kit, 60 HP, 480V
- 149203 - Pump Panel Kit, 50 HP, 480V
- 149204 - Pump Panel Kit, 40 HP, 480V
- 149205 - Pump Panel Kit, 30 HP, 480 V
- 149206 - Pump Panel Kit, 25 HP, 480 V
- 149207 - Pump Panel Kit, 15 HP, 480 V
- 149208 - Pump Panel Kit, 10 HP, 480 V
- 149209 - Pump Panel Kit, 7.5 HP, 480 V
- 149210 - Pump Panel Kit, 5 HP, 480 V
- 149212 - Pump Panel Kit, 3 HP, 480 V



PUMP FUSES



Pump Panel Fuse Options:

- | | |
|-----------------------------|----------------------------|
| 113980 - Fuse-#FLSR 175 AMP | 113985 - Fuse-#FLSR 60 AMP |
| 113981 - Fuse-#FLSR 150 AMP | 113986 - Fuse-#FLSR 50 AMP |
| 113982 - Fuse-#FLSR 125 AMP | 114025 - Fuse-#FLSR 35 AMP |
| 113983 - Fuse-#FLSR 100 AMP | 114026 - Fuse-#FLSR 10 AMP |
| 113984 - Fuse-#FLSR 80 AMP | |

Contact Your Local Reinke Dealer to Order

CLEMONS FILTERS



Clemons Filters

Clemons filters help protect your system from all types of debris and low levels of sand. They come standard with a 24-gauge stainless steel screen made up of 3/32" (.094") perforations. They are also available with screen sizes from 1/6" to 1/4".

Standard Filters Include:

- Galvanized or Enamel Barrels
- Ring Bank Lock
- Replaceable Gaskets
- Can Be Welded Into Line
- Stainless Steel Screens
- Self-Cleaning Blow Off
- 0-125 Working Pressure

Standard Clemons Filters Options:

- 119112 - 6" Filter, 475 GPM, 3/32 Screen
- 119113 - 8" Filter, 700 GPM, 3/32 Screen
- 119114 - 8" Filter, 1200 GPM, 3/32 Screen
- 119115 - 12" Filter, 2000 GPM, 3/32 Screen

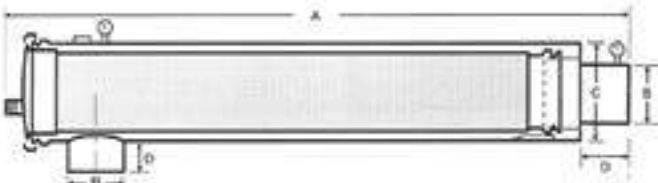
Optional Equipment Includes:

- Two Pressure Gauges
- Filter Manifolds
- Gate or Ball Blow Off Valves up to 4"
- Air Vent
- Flanged, Ring Lock or Victaulic Ends
- Outlet In Any Position (Pivot Pad to Pivot)
- 125-300 Working Pressure

Reinke Clemons Style Filters Options*:

- 149113 - 8" In-line Filter, 700 GPM, 3/32 Screen
- 149114 - 8" In-line Filter 1200 GPM, 3/32 Screen
- 149115 - 8" In-line Filter, 2000 GPM, 3/32 Screen
- 149116 - 10" In-line Filter, 2000 GPM, 3/32 Screen

*Reinke Clemons Style Filters come with Reinke flanges



Model	GPM	A	B	C	D	Blow Off Outlet	Weight
275A	275	68"	4"	6 5/8"	6"	1"	70
475A	475	70"	4"-6"	12"	6"	2"	130
700A	700	77"	4"-10"	14"	6"	2 1/2"	170
1200A	1200	130.5"	4"-10"	14"	6"	2 1/2"	250
2000A	2000	139.8"	4"-12"	16"	6"	4"	412

HEAT EXCHANGERS



Blue Riv'r Heat Exchangers

Blue Riv'r Heat Exchangers save downtime, fuel and horsepower while you eliminate radiator problems. Installs easily in minutes within the discharge pipe from your well. Works with any liquid-cooled engine for ditch, gated pipe or center pivot sprinkler system. Designed to replace the fan and radiator in the liquid-cooled irrigation engine of your well. **For higher horsepower units, a combination of two units may be required. Such as: 270 HP units, use two 48" heat exchangers or 400 HP units, use two 60" heat exchangers.

Installation Kits:

149006 - Surge Tank Model 416
149031 - Fitting Package 1 1/4"
149032 - Fitting Package 1 1/2"

Heat Exchangers:

149001 - 24" Heat Exchanger - 40 HP Unit
149002 - 30" Heat Exchanger - 75 HP Unit
149003 - 40" Heat Exchanger - 90 HP Unit
149004 - 48" Heat Exchanger - 135 HP Unit
149005 - 60" Heat Exchanger - 200 HP Unit

AIR VALVES

Nelson Air Valves

The Nelson ACV200 Air Control Valve is outstanding for controlling air in irrigation systems. The ACV provides all three types of air relief: air relief, vacuum air relief, and continuous air release under pressure.

FEATURES & BENEFITS:

- All corrosion resistant materials
- Self-Cleaning float guides work in dirty water
- High capacity aerodynamic design resists blowing closed
- Working pressure to 200 PSI
- Discharge elbow with internal protective screen
- Inlet 2" male NPT or BSP

APPLICATIONS:

- Pump start-up high capacity air venting
- Pump shut-off vacuum relief
- Filter backflush
- Vent at high points
- Continuous air release during system operation



113951

113952

Nelson Air Valve Options

113951 - 2" NPT Nelson ACV200P Air Control Valve
113952 - 2" NPT Nelson ACV200B Air Control Valve

Contact Your Local Reinke Dealer to Order

20 GENERATORS



GENERATORS

Lima-Mac Generators

Lima-Mac Generators Options:

- 112826 - 10 kW Generator
- 143091 - 10 kW Generator & Box
- 112916 - 12.5 kW Generator
- 143092 - 12.5 kW Generator & Box
- 112917 - 15 kW Generator
- 143093 - 15 kW Generator & Box
- 112961 - 20 kW Generator
- 143088 - 20kW Generator & Box
- 112962 - 25 kW Generator
- 112966 - 30 kW Generator
- 143086 - 30 kW Generator & Box



Deutz Generators

Deutz Generators Options:

- 145203 - 7.5 kW Generator Deutz-Lima Engine
- 117369 - 7.5 kW Generator Deutz-Lima Set
- 145222 - 10 kW Generator Deutz-Lima Engine
- 117370 - 10 kW Generator Deutz-Lima Set
- 145204 - 12 kW Generator Deutz-Lima Engine
- 117371 - 12 kW Generator Deutz-Lima Set
- 145205 - 15 kW Generator Deutz-Lima Engine
- 145207 - 15 kW FL4 Generator Deutz-Lima Engine
- 117372 - 15 kW Generator Deutz-Lima Set
- 117380 - 15 kW FL4 Generator Deutz-Lima Set
- 145206 - 20 kW Generator Deutz-Lima Engine
- 117373 - 20 kW Generator Deutz-Lima Set
- 117381 - 25 kW BF4L Generator Deutz-Lima Set



Kubota Generators

Kubota Generators Options:

- 117270 - Kubota D905 w/LIMA 5 kW Pivot
- 117271 - Kubota D1105 W/LIMA 7.5 kW Pi
- 117272 - Kubota V1505 LIMA 10 kW
- 117273 - Kubota D1703 LIMA 10 kW
- 117274 - Kubota D1703 LIMA 12 kW
- 117275 - Kubota V1903 LIMA 12 kW Maxi
- 117276 - Kubota V1903 LIMA 15 kW Pivot
- 117277 - Kubota V2203 LIMA 15 kW Maxi
- 145084 - Kubota LIMA 5 kW (5.5 Cont, 6.5 Int)
- 145085 - Kubota LIMA 7.5 kW (7.5 Cont, 8.5 Int)
- 145086 - Kubota LIMA 10 kW (9.5 Cont, 10.5 Int)
- 145087 - Kubota LIMA 10 kW (10 Cont, 11.3 Int)
- 145088 - Kubota LIMA 12 kW (11.5 Cont, 13 Int)
- 145089 - Kubota LIMA 12 kW (13.5 Cont, 15 Int)
- 145090 - Kubota LIMA 55 kW (13.5 Cont, 15 Int)



Contact Your Local Reinke Dealer to Order

22 PHASE CONVERTERS



PHASE CONVERTERS

ROTO-CON

ROTO-CON Phase Converters

The UL listed ROTO-CON is an economical and dependable rotary phase converter that can operate a wide variety of equipment. Rotary phase converters' flexibility in operating different loads make them an economical alternative to costly three-phase line extensions and their associated demand charges. They are easily installed, require minimal maintenance, and give years of trouble-free service.

The ROTO-CON is our most widely used and least expensive rotary phase converter. It is best suited for operating motors that do not operate continuously at high loads. Applications such as metal or woodworking shops, grain handling and milling, pivot irrigation towers, print shops and food processing generally have these types of loads.

The ROTO-CON is available with total load ratings from 2-100 HP for both 240 volt or 480 volt operation. If needed, special voltage or larger horsepower units can be accommodated.



Due to multiple options, please call for availability and configuration.

ROTO-VERTER

ROTO-VERTER Phase Converters

The ROTERVERTER is the only rotary converter that can simulate the current balancing capability of our ADD-A-PHASE, thanks to its patented "tapped windings." The tap adjustments give you control over all three phases for balancing currents. Standard rotaries actually allow control of only two of the three phases. This balancing capability is especially important for motors that operate for extended periods at or near full load, and for higher power factor motors. Examples of such loads would be a grain dryer or other fan motors, pumps or continuously operating compressors.

For total loads up to 150 HP, the Type "C" ROTOVERTER is recommended for multiple loads of varying horsepower ratings. The Type "D" ROTERVERTER, available for total loads up to 52.5 HP, works for applications where a single load (of either a single or multiple motors) is to be operated. It can also be used to power non-motor loads. Both types are available in either 240v or 480v units. CSA approved units are available up to 120 KVA.



Due to multiple options, please call for availability and configuration.

RONK ADD-A-PHASE

RONK ADD-A-PHASE

Often referred to as a "static" phase converter, the RONK ADD-A-PHASE is actually a full load, autotransformer-capacitor style converter. The idea that the ADD-A-PHASE is limited to one motor load only is absolutely false. There are ADD-A-PHASE in operation now operating up to 6 motors, at full load, from one single unit.

The RONK ADD-A-PHASE is still the most efficient phase converter manufactured today. The design allows adjustment to provide balanced three-phase power at any motor load up to the converters rating. The high efficiency (97%) and low standby losses make the ADD-A-PHASE ideal in most automated applications.

The autotransformer design of the ADD-A-PHASE allows the capability to dictate the output voltage, therefore eliminating the need for costly external step up or step down transformers.



Due to multiple options, please call for availability and configuration.

Contact Your Local Reinke Dealer to Order



CHEMICAL CHECK VALVES

Chemical Check Valves

Chemical Check Valves

- 119104 - 6" Chemical Valve with Flange X WTRTT
- 119105 - 4" Chemical Valve
- 119106 - 6" Chemical Valve
- 119107 - 8" Chemical Valve
- 119108 - 10" Chemical Valve
- 119109 - 12" Chemical Valve



Chemical Check Valve Parts

Chemical Check Valve Parts

- 119116 - 1" Valve with Low PR Drain, Waterman
- 119117 - 1 1/2" Vacuum Relief Valve
- 119118 - 2" Air Relief Valve, Waterman
- 119119 - 1 ID x 1 9/16 OD Rubber Washer
- 119120 - 1 1/8 OD x 1/8 O-Ring
- 119121 - Drain Seat Check Valve
- 119122 - Drain Rubber Top Check Valve
- 119123 - Drain Nut Check Valve



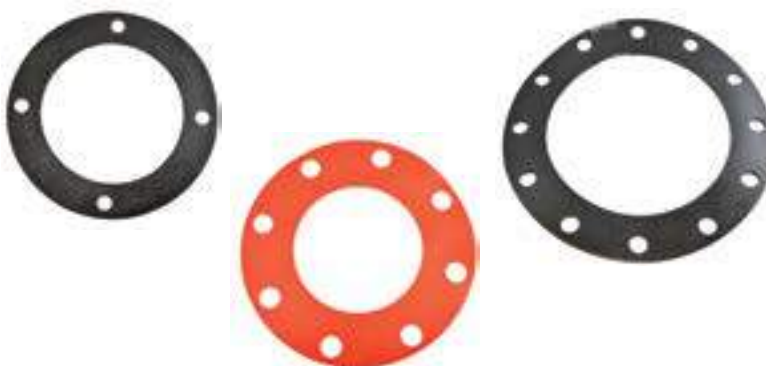
Chemical Flanges & Gaskets

Companion Flanges

- 119124 - 8 1/16 ID x 13 1/2 OD 8 Hole Flange

Gaskets

- 119134 - 4 1/2" Flat Flange
- 119135 - 5" Flange Check Valve
- 119136 - 6" Flange Check Valve
- 119138 - 8" Flange Check Valve
- 119139 - 10 x 3/16 2-Ply
- 119140 - 10" Flange Check Valve
- 119141 - 12 x 3/16 2-Ply



Agri-Inject Mister Mist'r Chemical Check Valves

Agri-Inject Mister Mist'r Chemical Check Valves

Agri-Inject developed the most advanced injection check valve available on the market today. Efficient, consistent fluid injection is essential – and our Mister Mist'r™ (U.S. Patent No. 6,230,982) valves deliver where it counts.

Mister Mist'r also serves as a positive two-way check valve to prevent back flow of water into the system. This also prevents accidental leakage of chemical into the mainline water stream during shutdown. Mister Mist'r has been approved as a chemigation check valve by all state and federal regulatory agencies.

Agri-Inject plastic models are suitable for use in 6-12 inch diameter pipe and can handle volumes of up to 110 gallons per hour. Stainless steel models are designed for high-volume applications of up to 300 gallons per hour. They are also available for use in a wide range of pipe diameters.

****All Mister Mist'r check valves are available with bleeder valve assemblies to facilitate pump priming and pressure relief when disconnecting hoses.**



Contact Your Local Reinke Dealer to Order

CHEMIGATION UNITS

Agri-Inject Chemigation Units

Agri-Inject Chemigation Units

For precise application of crop inputs as you irrigate, turn your sprinkler irrigation system into the most effective, economical chemical applicator around with an Agri-Inject chemigation system.

Agri-Inject Chemigation Units are used for the easy, trouble-free application of herbicides, insecticides, fungicides or fertilizer on nearly any crop.

The Agri-Inject Chemigation units are available in 70, 110 and 200 gallon tank options and can be customized to fit your needs. The control pump and agitator can work independently.

Key Features

- Easily fitted to most center pivot, linear sprinkler, drip and solid set irrigation systems
- Quickly and easily moved from one field to another
- 60- and 90-gallon containment units available for added environmental safety



Agri-Inject Large Capacity Chemigation Units

Agri-Inject Large Capacity Chemigation Units

For bigger jobs and heavier products in suspension.

Used for: Large-scale application of highly viscous—even slurried—materials through irrigation systems, including gypsum, potash, ground calcium compounds and other organic soil amendments.

Tank capacities: 300, 400, 500 and 600-gallon tanks available.

Key Features

- Keeps even the heaviest materials in suspension for uniform application
- Powerful pump and agitation system for high performance and long life
- Works with any irrigation system



Agri-Inject Insectigation Units

Agri-Inject Insectigator III

Used for: Precise application of low volumes of insecticides and fungicides to quickly address crop threats. When harmful pests threaten your crop, Insectigator III™ from Agri-Inject goes into action. Now. It's a pivotal strategy in managing pests!

Insectigator III is smaller than other chemigation systems, meaning one person can easily move it from one irrigation system to another. It's the ultimate in rapid response, precision crop pest control—right through your irrigation system!

Tank capacities: 10, 20, and 30-gallon tanks available.

Key Features

- Adaptable with many power configurations: single phase, three phase and 12Vdc applications
- Mixer option available on all sizes
- Engineered to prevent damage from corrosive chemicals
- Lightweight with molded handles for easy transport from field to field



All hoses, fittings and other valves are included for immediate installation and application. It's the ultimate in rapid response, precision crop pest control right through your irrigation system!

CHEMIGATION UNITS

Agri-Inject Total Containment Units

Agri-Inject Total Containment Units

- Totally enclosed to eliminate expensive chemical leakages
- 60 or 90 gallon containment units provide a high level of environmental protection
- Units are ideal when using expensive chemicals
- Same ultra efficient agitation system



Agri-Inject Fertigation Units & Pumps

Agri-Inject Fertigation Units

Feed your plants exactly what they need, precisely when they need it with an Agri-Injection fertigation system.

Agri-Inject fertigation systems provide precise and complete application of liquid fertigation through irrigation systems, allowing you to feed your crop throughout the growing season.

Key Features

- Draw fertigation from a bulk tank and inject uniformly into irrigation stream
- Easily adjustable without shutting down the system
- Precise metering and pumping accuracy with the simple twist of a knob
- Duplex configuration available with independent control of two pumping heads from a single system
- Acid compatibility

Pump Sizes

- A/P Series: 5.6, 11, 18 and 30. 18/18 and 30/30 available on duplex.
- D Series: 25 and 50
- G Series: 55, 110, 150 and 310
- MRoy B: 85 simplex and 85/85 duplex



Milton Roy Pumps

Milton Roy Pumps

The mROY® Series sets the metering pump standard for durability and performance in a compact and cost effective design. First introduced in 1962, the mROY® has proven itself to be a 24/7 metering pump with installation life expectancy of 20 years or more. Various models and frame sizes provide capacities from 0.21 GPH (0.8 l/hr) up to 170 GPH (644 l/hr). There are models that can generate up to 3,000 psi (207 bar) but still provide economical performance at low pressures.

The mROY® is used in a wide variety of applications including water and wastewater treatment, boiler chemical feed, oil and gas additives, process chemical injection, pH control chemicals, and many others. A wide range of options assure that the mROY® will meet all the application requirements within its range.

Key Features

- Hydraulically balanced diaphragm designed for 96,000 hours operating life
- Dust-tight cast iron housing with durable powder coating stands up to the harshest environment
- Oil bath lubrication assures long gear and bearing life
- Capacity adjustable by manual control, electronic actuator, pneumatic actuator, or variable speed
- Standard turn down ratio of 10:1 expandable with various options to fit application requirements
- Steady state accuracy $\pm 1\%$



Contact Your Local Reinke Dealer to Order

28 GEARS & DRIVES



SPRINKLER LUBE

Sprinkler Lube 1200

Sprinkler Lube 1200

Sprinkler Lube 1200 is designed for use in the gear boxes of center pivot irrigation systems. This semi-fluid grease which is between a 00 and a 000 grade has some special properties. It carries heavy loads and shock loads. At the same time, Sprinkler Lube 1200 passed the copper corrosion test with a 1b, showing that it will not attack any yellow metals such as copper or brass. Formulated as a thixotropic grease, it thins down in a gearbox, but when left idle thickens back to a penetration of 415. This allows Sprinkler Lube 1200 to have good flow back and heat transfer around bearings and gears while remaining thicker at the outer areas of the gearbox to help with sealing, keeping moisture out and lubricant in.

Benefits of Sprinkler Lube 1200

- Less down time
- Long seal, gearbox and lubricant life
- Resists water infiltration
- Superior anti-wear protection
- Excellent extreme pressure protection
- Protection against gear scoring
- Less seal leakage
- Can be used in all brands of center pivot irrigation systems
- Reduces startup water
- Provides a protective seal against rust and corrosion for all internal parts
- Contains tackifiers to maintain a lubricating coating on all parts

Wheel Gear Lubricants

- 119100 Sprinkler Lube 1200, 35 lb Pail
- 119101 Sprinkler Lube 1200, 120 lb Keg
- 119102 Sprinkler Lube, 400 lb Drum

Center Drive Lubricant

- 119080 - Sprinkler Lube 220-2, 17.5 lb
- 119082 - Sprinkler Lube 220, 220 lb
- 119083 - Sprinkler Lube 220, 400 lb

Sprinkler Lube Pumps

- 119089 - Sprinkler Lube Pump, 400 lb with Reel
- 119090 - Sprinkler Lube Pump, 400 lb without Reel
- 119091 - Sprinkler Lube Pump, 120 lb with Reel
- 119092 - Sprinkler Lube Pump, 120 lb without Reel

Pivot Center Lubricant

- 119098 - Sprinkler Lube Pivot Point Cart
- 119099 - Grease, Red 72, Extreme Cart



Contact Your Local Reinke Dealer to Order

WHEEL GEARS

Input shaft cover snaps over unused end to guard against seal and shaft damage.

Non-seizing fill plug for easy maintenance.

Rolling diaphragm to relieve both positive and negative pressures.

"New" pressed cartridge style input seal provides a polished surface to seal to contact.

Largest input bearings in the industry provide 55% greater load capacity.

Corrosion resistant diaphragm cover.

The bull gear is designed for greater tooth contact, resulting in increased load capacity.

Large 2 1/4" output shaft and flange are made of high-strength steel to exceed today's demanding conditions.

Dual input shaft for universal mounting.

Seal protector blocks out contaminants and extends seal life.

Cast steel end cap for the increased load demands of today's larger tires and difficult terrain.

Centering ring doubles as a load-bearing surface, relieving stress on the lug bolts and lessening potential wheel damage.

Non-seizing drain plug for easy maintenance.

Reinforced housing provides more material in high stress areas increasing the overall strength of the gearbox.

Reinke Wheel Gears

- Standard on all Reinke systems
- Can be used on competitive brands including: Zimmatic, Gifford Hill, Pierce & Lockwood
- Economical retro kits are available to convert many different makes of systems

Reinke Wheel Gears

112118 - 2.25" Reinke Non-Tow Wheel Gear

Reinke Wheel Gear Parts Options

2151 - Lug Bolt, 9/16 NF x 2 7/32

2152 - Lug Bolt, 9/16 NF x 1 5/8

118923 - Cover EXP SS, UMC #06143-704A

118936 - Diaphragm, TNT #60143-205B

118683 - Input Shaft, UMC #06147-202A

118958 - Cone Brng 1.2500 #10141-803A

118959 - Cup, Brng 3.000 OD 10141-802A

118961 - Gasket, End Cap 10141-701A

118962 - Oil Seal, 1.063 x 2.000 OD DBL LP

118975 - Car Seal Input 10141-715A

118697 - Bearing Shim, UMC 725 #
06145203A

118964 - Gasket, Cover 10141-702A

118965 - Cup, Brng 38125, OD 06145-801A

118966 - Cone, Brng 2.2500 ID 06145-802A

118675 - Spacer, Shaft, BT3 HUB

06140204A

118968 - Standard Seal 06147-747G

118974 - Car Seal Output 10141-710A

1049 - Nut 9/16-18 NF Lug Hex ZC

118945 - 1" Seal Shaft TNT #06147-707A

118946 - Cap, Shaft, TNT #06147-903A

118972 - Cup, Bearing 3250 OD-06143-802A

118672 - Bearing, Cone BT3 Hub
#06141806A

WHEEL GEARS

112104 - Reinke 2.5" Non-Tow Wheel Gears

Reinke Non-Tow Wheel Gears

- Ultimate duty final drive wheel box with larger bearings and 2 1/2" output shaft for longer spans, larger wheels, and heavier towers on all electric drive and hydraulic powered center pivot lateral move systems
- Standard equipment on all Reinke Swing Arm Corner systems and lateral move power tower carts



UMC



112119 - UMC Valley #725 UV Wheel Gears

UMC Valley #725 UV Wheel Gears

- 52:1 worm gear ratio with extended output shaft to match those provided by the original equipment manufacturer
- Ultimate duty final drive wheel box with larger bearings and 2 1/4" output shaft for longer spans, larger wheels and heavier towers on all electric drive and hydraulic powered center pivot lateral move systems



UMC



112105 - UMC #760 Non-Tow Wheel Gears

UMC #760 Non-Tow Wheel Gears

- Larger diameter bull gear to provide 20% higher output torque on all electric drive and hydraulic powered center pivot and lateral move systems
- Standard equipment on Reinke Swing Arm Corners (SACs)



UMC



112103 - UMC #740 Extended Shaft Wheel Gears

UMC #740 Extended Shaft Wheel Gears

- Used on systems with Agri-Tracs



UMC



112109 - Drive Assembly Tow/Non-Tow Wheel Gears #10140-101A

Drive Assembly Tow/Non-Tow Wheel Gears

Towable final drive wheel boxes provide the ability to disengage the worm gear and allows users of all electric and hydraulic powered center pivots and laterals to move systems from one area to another.



HDC Wheel Gears

112118HDC - Wheel Gear

162407HDC - Wheel Gear Pallet of 14



Contact Your Local Reinke Dealer to Order

DRIVELINE COUPLERS

High Torque Drive Couplers

High Torque Drive Couplers

- Pin centering design
- Heavy duty urethane puck



Standard

High Torque Drive Coupler Options

- 112454 - Reinke Standard High Torque Drive Coupler
- 112458 - 1" Round x 1" Square High Torque Coupler for Older Valley Systems
- 112459 - 1" Round x 7/8" Square High Torque Coupler for Current Valley Systems
- 112466 - Bolt Package for High Torque Couplers
- 112468 - 1 1/8" Round x 3/4" Square High Torque Coupler for Reinke Swing Arm Corners (SACs)
- 112461 - Heavy Duty High Torque Coupler Insert
- 112469 - UMC CX x HD High Torque Coupler (Can be used on all brands)

- 112441 - Bolt Package / CX Coupler
- 112477 - Clamp Repl Coupler UMC C-X HD



CX

Belted Disc Couplers

Belted Disc Couplers

- Fits all brands of equipment
- Fits inside of the Reinke U-Joint shield
- Is a disc style belted coupler
- Special high polymer disc
- Exclusive to Reinke Manufacturing

Belted Disc Coupler

- 112470 - Belted Disc Coupler



U-Joints

U-Joints

Our high-strength steel u-joints...

U-Joint

- 142178 - 3/4x1x6 U-Joint



CENTER DRIVES

Reinke Center Drives

Reinke Center Drives

- Universal mounting pattern to fit most makes and models of irrigation systems
- 95% efficient planetary design for increased torque with reduced energy costs
- All-aluminum gear case and motor housing for improved corrosion resistance
- Heat treated gears
- High-strength steel shafting and heat treated gears for superior durability and strength to insure long life



Center Drive Motor with Thermal Overload Options

117769 - 25:1 Gear Motor with Thermal Protection
112254 - 30:1 Gear Motor with Thermal Protection
112255 - 40:1 Gear Motor with Thermal Protection
117768 - 50:1 Gear Motor with Thermal Protection
117772 - 60:1 Gear Motor with Thermal Protection

Center Drive Motor without Thermal Overload Options

117770 - 25:1 Gear Motor without Thermal Protection
117771 - 40:1 Gear Motor without Thermal Protection

UMC Center Drives

UMC Center Drive 60:1

- Drive motor for 230v single phase
- 60:1 ration with 40:1 helical gear with a 2:1 reducer



112301 - UMC Center Drive Gear motor 60:1 6P 1 PH

UMC Worm Drive

Used for worm drive replacements on C-Faced motors. Has multiple bolt patterns for universal mounting options.

112173 - UMC Center Drive 50:1
112174 - UMC Center Drive 30:1
112175 - UMC Center Drive 40:1
112176 - UMC Center Drive 60:1



Other Center Drives

Other Center Drive Options

- Complete center drive for competitive brands of equipment
- Splined shaft
- Stainless steel and aluminum construction

C12250VZ - Gear Motor, 58:1, 1 HP US
C12251VZ - Gear Motor, 47:1, 1 HP US
C12252VZ - Gear Motor, 31:1, 1.5 HP US

- Worm drive replacement module for competitive brand equipment
- Splined shaft

C12175VZ - Gear Module, 47:1 Ratio
C12176VZ - Gear Module 58:1 Ratio
112164 - Gear Module, 21:1 Ratio

- Internal thermal overload protection

- An available option on previous Reinke center pivot models

112258 - Gear Motor, 60:1, 3/4 HP US
112259 - Gear Motor, 40:1, 1 HP US

HDC Center Drive

112255HDC - 40:1 Center Drive

Contact Your Local Reinke Dealer to Order

CENTER DRIVE MOTORS

C12499 - 1 1/2 HP Motor US, C Face

This 1 1/2 HP motor is used where higher torque applications are required, such as tighter soils and/or higher speed center drives. It will fit Ohio, Dresser and UMC worm drives.



C12507 - 1 HP Motor US, C Face

This motor is an alternative to our C12508 Franklin motor. Will fit Ohio, Dresser and UMC worm drives.



C12498V - 1 HP Motor US

This splined shaft motor is a replacement for Valley systems with vertical US center drives in either 47:1 or 58:1 ratios. It also works on Reinke systems.



C12508 - Franklin 1 HP C Face Motor

This motor is used on Reinke systems with Ohio gears. Will fit Ohio, Dresser and UMC worm drives.



C12496V - 1 1/2 HP Splined Shaft Motor

This is a replacement motor for Valley systems with vertical US 31:1 ratio center drives.



C12165V - 1 HP Stator with End Cover Kit

This is a replacement stator (motor windings less armature) for Valley systems with vertical US center drives in either 47:1 or 58:1 ratios.



C12500 - 1 HP C Face Motor with Thermal Overload

This thermally protected motor will fit Ohio, Dresser and UMC worm drives.



CENTER DRIVE MOTORS

C12497 - 1 HP C Face Franklin Motor with Thermal Overload

This 1 HP C Face Franklin Motor is thermally protected and will fit Ohio, Dresser & UMC worm drives.



C12509 - 1 1/2 HP C Face Franklin Motor

This 1 1/2 HP C Face Franklin Motor was used on Reinke systems with Ohio gears as late as 1997. Will fit Ohio, Dresser and UMC worm drives.



112260 - 3/4 HP US Motors Motor Module

This 3/4 HP motor module is a replacement for part number 112258 Gear/Motor US.



112261 - 1 HP US Motors Motor Module

This 1 HP motor module is a replacement for 112259 Gear/Motor US.



Replacement Stators for US Motors

These are replacement stators for US Motors manufactured Reinke center drives. Includes motor windings and end cap with bearing and silicone sealant. 3 bolt pattern.

Replacement Stators Options

- 142165 - S Stator, Standard Speed, No Overload
- 142166 - S Stator, High Speed, No Overload
- 142167 - S Stator, Low Speed
- 142168 - S Stator, Standard Speed
- 142169 - S Stator, High Speed



Replacement Stators for UMC/Reinke Center Drives

Replacement Stators Options

- 117773 - Stator Kit, UMC Hel, Standard – For motor 112255
- 117774 - Stator Kit, UMC Hel, High – For motor 117769
- 117778 - Stator Kit, UMC Hel, Low – For motor 117772



Power Factor Correction Capacitors

Power Factor Correction Capacitors help reduce peak utility costs by increasing motor efficiency during startup. Required by some utilities. Inquire with local utilities for specific requirements.

Power Factor Correction Capacitors

- 119207 - 7.5 KVAR PFC Capacitor
- 119212 - 12.5 KVAR PFC Capacitor
- 119217 - 17.5 KVAR PFC Capacitor
- 119222 - 22.5 KVAR PFC Capacitor
- 119230 - 30 KVAR PFC Capacitor



Contact Your Local Reinke Dealer to Order

POWER
ON



SAFETY OK

DEPTH

FWD

REV

>0.75" 358.
100% 0PHr-0000

FORWARD
DEPTH
+ 1

REVERSE
DEPTH
+ 2

SETU
➔
NEXT

SELECT 1

SELECT 2

FORWARD
DEPTH
- 3

REVERSE
DEPTH
- 4

PROG



Reinke

Precision Application Co

URE
AUTO

DIRECTION

FUSES



113107 112811 112879 110880 110881 110882



113042 113336 113340 113370 112766 113064



112770 C12770V 113051 112771 113050 112789

CCMR Time Delay Fuses

113107 - 3 Amp, UL CCMR, Time Delay Fuse
 110813 - 4 Amp, UL CCMR, Time Delay Fuse
 112811-10 - 6 Amp, UL CCMR Time Delay Fuse
 112879-10 - 15 Amp, UL CCMR Time Delay Fuse
 110880-10 - 20 Amp, UL CCMR Time Delay Fuse
 110881 - 25 Amp, UL CCMR Time Delay Fuse
 110882 - 30 Amp, UL CCMR Time Delay Fuse

FLSR Fuses

112770-2 - 15 Amp, FLSR Littlefuse Fuse
 C12770V-2 - 17.5 Amp, FLSR 600 Volt Fuse
 113051-2 - 20 Amp, FLSR Littlefuse Fuse
 112771 - 25 Amp, FLSR Littlefuse Fuse
 113050-2 - 30 Amp, FLSR Littlefuse Fuse
 112789-2 - 40 Amp, FLSR Littlefuse Fuse

SUBMINI Fuses

113045 - 0.125 Amp Submini Fuse, #F821-ND
 113046 - 1.50 Amp Submini Fuse, #F827-ND
 113047 - 10 Amp Submini Fuse, #F835-ND

Electronic Glass Fuses

113042 - 1/4 Amp, Sloblow LT Fuse, #F660-ND
 113336 - 3/8 Amp, Littlefuse Fuse, #313375
 113340 - 1 1/2 Amp, Littlefuse Fuse,
 113370-10 - 4 Amp, Sloblow 2 AG Fuse
 113064-5 - 5 Amp, Littlefuse Fuse, #313005
 112766 - 15 Amp, Littlefuse Fuse, #326015

KLKR Fuses

112675-10 - 10 Amp, KLK Fuse

Where Used

GE 0.5 Transformer Fuse
 Transformer Fuse Used in RPM Back Panels
 RPM Panel Main Disconnect Fuse
 Heavy Duty 1.5 KVA Transformers & All RPM Panels
 RPM Panel Main Disconnect Fuse
 RPM Panel Main Disconnect Fuse
 RPM Panel Main Disconnect Fuse

Reinke Gray Panel Boxes Main Disconnect Fee
 Valley Main Control Panels
 Reinke Gray Panel Boxes Main Disconnect Fee
 Reinke Gray Panel Boxes Main Disconnect Fee
 Reinke Gray Panel Boxes Main Disconnect Fee
 Generator Boxes and Canal Feed Panels

Obsolete
 Obsolete
 Obsolete

P.A.C. Timer Fuse
 Buried Wire Receiver Fuse
 Transmitter Fuse
 RPM Advanced MCP End Gun Board Fuse
 S-Boxes on Swing Arm Corners
 Fuse for Heavy Duty 60 Am Disconnect

0.750 KVA Transformer Fuse

Contact Your Local Reinke Dealer to Order

FUSES



Electronic "Fast-Acting" Glass Fuses

113052-5 - 1/4 Amp, Littelfuse Fuse, #312.250
 113337 - 1 Amp, Littelfuse Fuse, #312001
 113048-5 - 2 1/2 Amp, Littelfuse Fuse, #31202.5

Miscellaneous Fuses

112608 - 3 Amp Fuse, 603-0141
 115399 - 4 Amp Slow Blow Fuse for D2-12TR

FLQ Fuses

113103 - 1/2 Amp Littelfuse FLQ Fuse
 112757 - 1 1/4 Amp Littelfuse Midget FLQ Fuse
 C12773Z-10 - 3 2/10 Amp, 500V Littelfuse FLQ Fuse
 C12774Z-10 - 4 Amp, 500V Littelfuse FLQ Fuse
 C12771V-10 - 5 Amp, 500V Littelfuse FLQ Fuse
 112772-10 - 6 Amp Littelfuse FLQ Fuse
 112984 - 10 Amp Littelfuse FLQ Fuse
 113043 - 12 Amp Littelfuse FLQ Fuse
 113020 - 15 Amp Littelfuse FLQ Fuse
 113059-10 - 20 Amp Littelfuse FLQ Fuse
 113044-10 - 25 Amp Littelfuse FLQ Fuse
 112676 - 30 Amp Littelfuse FLQ Fuse

NLN Fuses

C12772Z-10 - 5 Amp Littelfuse NLN Fuse
 113108 - 6 Amp Littelfuse NLN Fuse
 112773-10 - 10 Amp Littelfuse NLN Fuse

BLF Fuses

113049-10 - 1 1/2 Amp Littelfuse BLF Fuse
 113106 - 3 Amp Littelfuse BLF Fuse

Where Used

S-Boxes, Valve Boxes & PLC Boxes
 Buried Wire Receiver Fuse
 RAMS CPU Fuse

Actuator Valve Fuse (Obsolete)
 PLC Output Card Fuse for Accu-Corner

Obsolete
 Motorized Screens on Canal Feed Laterals
 Zimmatic Fuse
 Zimmatic Fuse
 Valley Fuse
 Injector Pump Receptacle
 Single Phase MCP, Gen Sets, Select Lateral MCPs
 Obsolete
 10 kW Generators, 5 HP BP Boxes, 10 kW Gen Sets
 12.5 kW Generators & Gen Sets
 15 kW Generators & Gen Sets
 20, 25 & 30 kW Generators & Gen Sets

Zimmatic Fuse
 GE Transformer Fuse
 Main Control Panel

RAMS Power Supply Fuse
 Obsolete

PRESSURE SWITCHES

Pressure Switches



112959



112960



C12972V



Pressure Switch Options

112959 - E1H-R90 Barksdale Pressure Switch
 112960 - E1S-R90 Barksdale Pressure Switch
 C12972V - 15 psi Barksdale Pressure Switch

114158 - Switch, Press 4.5 PSI Type 1
 114159 - Switch, Press 20 PSI Type 1
 114160 - Switch, Press 20 PSI Enclosed

Details

Pressure Range 6-90 psi, Anodized Aluminum Enclosure
 Pressure Range 1-90 psi, Open Switch
 For Valley Machines, Both Open & Closed Contact

Asco H-Series Pressure Switch
 Asco H-Series Pressure Switch
 Asco H-Series Pressure Switch (Lateral Move Only)

Lockwood Pressure Switches



C12971L



C12970ZL



Lockwood Pressure Switch Options

C12971L - Lockwood Pressure Switch with Enclosure
 C12970ZL - Lockwood Pressure Switch
 C12974Z-1 - Switch-Pressure 15psi (open)
 C12975Z-1 - Switch-Pressure 90psi (open)

Details

ASCO Brand, Enclosed, 10-90 psi
 10-90 psi, Both Open & Closed Contact
 Zimmatic Pressure Switch
 Zimmatic Pressure Switch



Contact Your Local Reinke Dealer to Order

TIMERS

113369 - PAC III Timer

PAC Timer

Our PAC Timer works on most brands of equipment, giving your repeatable accuracy and simple control of your irrigation system, whether it's a center pivot or a lateral system. Easily programmable for speed, direction and end gun control. This timer works best for part-circle application. The PAC timer gives you the ability to break your field into 10 sectors and adjust speed, end gun and auxiliary programs by sector. Delayed barrier programming allows your system to remain at a barrier and continue to water for up to 15 minutes.

PAC Timer Additional Parts:

167008 - PAC II End Gun GPS Retro

167009 - PAC II End Gun GPS Add-on Retro*

167013 - PAC II End Gun GPS Retro Maxi

163391 - PAC II w/Resolver End Gun Add-on Kit*

167012 - PAC End Gun GPS Add-on Retro Maxi*

163392 - PAC II Frost Kill Retro Kit

*If the description includes the words "add-on," the PAC II Timer is not included.



C12588V-1 - Eagle Over-Watering Timer

Eagle Over-Watering Timer

Over-watering timers are in the second last tower box, and they shut the system down if it fails to move after a pre-selected time. Eagle over-watering timers have a heavy duty terminal block, with 9 screw terminals that will readily accept 16 gauge wire.

The case of the timer is injection molded Lexan: is self-extinguishing, has a high impact strength, and high dimensional stability. Timers are micro processor driven, and provide an accurate adjustable time delay between the actuation of the control circuit and the operation of the load switches.



114088 - 20 Minute Timer

20 Minute Timer

This timer is used as an over-watering timer in Tower Box B. It is a delay on drop out (DODO) timer that is UL Listed and CSA Certified.



112759 - Auto Restart Timer

Auto Restart Timer

This solid state chassis, delay on pull in (DOPI) timer is used in auto restart applications and comes preset for five minutes.



TIMERS

110630 - Eagle 30 Second Percentage Timer



Eagle Signal Controls

Eagle 30 Second Percentage Timer

This Eagle 30 Second Percentage Timer regulates the revolution time of the system in laterals and swing towers. Can be adjusted from 0-100% with 2% graduations.



110660 - Eagle 60 Second Percentage Timer



Eagle Signal Controls

Eagle 60 Second Percentage Timer

This Eagle 60 Second Percentage Timer regulates the revolution time of your irrigation system. Used in the RPM Basic & RPM Basic with Tower A/R panels, as well as the legacy Reinke gray panels. Can be adjusted from 0-100% with 2% graduations.



Contact Your Local Reinke Dealer to Order

MICRO SWITCHES



112568-4



C12561L-4



C12562L-4



C12563VZL-1



C12564V-4



C12565Z-4



C12566GT

Micro Switch Options

- 112568-4 - Micro Switch, Short Arm with Nylon Roller
- C12561L-4 - Micro Switch, Cam Short Arm
- C12562L-4 - Micro Switch, Short Arm Cam with Side Terminals
- C12563VZL-1 - Micro Switch, Plunger with Roller
- C12564V-4 - Micro Switch, Short Arm with Steel Roller
- C12565Z-4 - Micro Switch, Long Arm with Roller
- C12566GT - Micro Switch, Short Arm with Roller

Details

- Used On All Reinke Systems with Molded Tower Boxes
- Used by Lockwood
- Used by Lockwood
- Used by Lockwood, Valley & Zimmatic, End Gun Switch
- Used by Valley
- Used by Zimmatic
- Used by Gifford Hill & Tumac, Non-Adjustable

CONTACTORS & OVERLOADS



113257



113258



114028



112990D



144991



B&J USA Contactor Options

- 113257 - B&J USA 2.8 Amp Tower Box Overload Contactor
- 113258 - B&J USA 4.0 Amp Tower Box Overload Contactor
- 114028 - B&J USA Contactor

Details

- Use in Reinke Tower Boxes with Franklin 1 HP Motors
- Use in Reinke Tower Boxes with Franklin 1 1/2 HP Motors
- 3 Pole Contactor with One Open Aux Contact

Square D Contactor Options

- 112990D - Square D Booster Pump Reversing Contactor
- 144991 - Square D Main Control Panel Reversing Contactor
- 140991D - Square D Main Control Panel Reversing Contactor

Details

- Used on Reinke & Some Competitive Systems
- Used on Older Gray Reinke Main Control Panels & Competitive Systems
- Used on Reinke RPM Main Control Panels & Some Competitive Systems

CONTACT BLOCKS

110601 - Contact Block N.O. #ZBE101



This replacement for PN#112601, requires the entire switch for replacement. It is used in:

- New Preferred Panels
- Push Button
- 2 & 3 Position Switches
- S-Boxes
- Maxigator Control Boxes
- PLC Boxes

110602 - Contact Block N.C. #ZBE102



This replacement for PN#112602, requires the entire switch for replacement. It is used in:

- New Preferred Panels
- Maxigator Control Boxes
- PLC Boxes
- 2 Position Switch

110604 - Contact Block Early Make #ZBE201



Replacement for PN#112605



112601 - Contact Block N.O. #ZB2-BE101



Used in: E60 Main Control Panels,
S-Boxes & PLC Boxes.



112602 - Contact Block N.C. #ZB2-BE102



Used in: E60 Main Control Panels,
S-Boxes & PLC Boxes.



112604 - Contact Block N.O. Early #ZB2-BE201

Used in: E60 Main Control Panels



112605 - Contact Block N.C. Late #ZB2-BE202



Used in: E60 Main Control Panels



RELAYS

Auto Reverse Latching Relay

Auto Reverse Latching Relay

Reinke tower auto reverse relay that is found in the last or "C" tower box on all Reinke systems with tower auto reverse or 11 conductor pivot auto reverse.

Auto Reverse Latching Relay Options

113330 - 11 Pin Latching Relay

113180 - 11 Pin Socket for Latching Relay #27E123



Power Relays



C13331Z



C13333Z



C13338V



C13337V

Power Relay Options

C13331Z - 25 Amp, 120v AC Power Relay

C13333Z - 25 Amp, 24v AC Power Relay

C13338V - 12v DC Power Relay

C13337V - 30 Amp, 120v DC Power Relay

Details

Used by Zimmatic, Double Pole, Single Throw

Used by Zimmatic, Double Pole, Single Throw

Used by Zimmatic, Single Pole, Double Throw

Used by Zimmatic, Double Pole, Double Throw

Blade Relay



C133336VL-1



C133334Z-1

Blade Relay Options

C133336VL-1 - 12v

C13334Z-1 - 120v AC

Details

Used by Valley & Lockwood

Used by Zimmatic

MISC ELECTRICAL COMPONENTS

Actuators



114020



114021



114022



Actuator Options

- 114020 - B&J USA 3 Position Actuator BC3KRN3
- 114021 - B&J USA Push Button Actuator BC3DSW
- 114022 - B&J USA 2 Position Actuator BC3KRN11

Details

- RPM Main Control Panel Actuator
- RPM Main Control Panel Actuator
- RMP Main Control Panel Actuator

Contact Blocks



114023



114024



Contact Block Options

- 114023 - B&J USA Contact Block NO B3T10
- 114024 - B&J USA Contact Block NC B3T01

Details

- Normally Open Contact Block
- Normally Closed Contact Block

Connector

B&J USA Connector

Connector for actuator to contact block.

- 114027 - B&J USA B3S Connector



Suppressor

B&J USA Suppressor

Surge suppressor for the contactor coil circuit. For use with K3-10 through K3-74 contactor series.

- 114033 - B&J USA Suppressor RC-K3 110



Coil

Replacement Coil

Replacement coil for B&J USA K3-10

- 114035 - B&J USA Coil K3-6 / 4.110



SOLENOIDS VALVES

Skinner Solenoid Valves



113170



113162



118456

Skinner Solenoid Valve Options

113170 - Skinner Solenoid Valve with Coil

113162 - Skinner Solenoid Valve

118456 - Skinner Solenoid Valve Potted Coil

Details

Used in Swing Arm & End Gun Valve Boxes, 150 Psi, Brass Body

Used in Swing Arm Valve Boxes (1 Required)

Potted Coil for C3 & C4 Skinner Valves

Asco Solenoid Valves & Parts



113169



113168



118451-PIN



118451-SS



118451

Asco Solenoid Valve Options

113169 - Asco Solenoid Valve Unpotted Coil

113168 - Asco Solenoid Valve

118451-PIN - Asco Stainless Steel Valve Pin

118451-SS - Asco Valve Repair Kit Cap

118451 - Asco Valve Repair Kit

Details

Used with the Asco Solenoid Valve

Used in the Swing Arm Valve Box (6-14 Required), Control Line Booster Pumps

Repair Parts for #113168 Asco Valve

Repair Parts for #113168 Asco Valve, Stainless Steel

Repair Parts for #113168 Asco Valve, Combination of Pin & Cap, Original Style

Solenoid Valves



Solenoid Valve Options

145655 - Electric Solenoid Valve with Strainer

Details

Used with 800P control valve, 3-Way Multi-Purpose Valve, 150 psi

COLLECTOR REELS

Reinke Collector Reel Options

142727 - All 10 Ring Collector Reel

142728 - 14 Ring Collector Reel

143442 - 11 Ring Collector Reel

Collector Reel with Resolver Options

143453 - RAMs Collector Reel, 14 Ring

143461 - RAMs Collector Reel, 10 Ring

Competitive Collector Reel Options

113035 - Collector Reel, 11 Conductor ICII 4011



LIGHTS

Strobe Lights

112753-C - Screw in Socket Strobe Light, Clear

112753-A - Screw in Socket Strobe Light, Amber

112753-B - Screw in Socket Strobe Light, Blue

112753-G - Screw in Socket Strobe Light, Green

112753-R - Screw in Socket Strobe Light, Red

Light Assemblies

142734 - Aluminum Pivot Electronic Light Assembly

142735 - Pivot Strobe Light Assembly

143139 - KT & Maxi Strobe Light Assembly

143274 - SAC End Tower Strobe Light Assembly

143130 - KT & Maxi Pivot Light Assembly

143295 - SAC End Tower Light

143139 - KT & Maxi Strobe Light



Light Repair Parts

112722 - Light Enclosure Assembly

112738 - 50w Rough Service Light Bulb

112748 - Strobe Light Lens, Clear

112784-B - Strobe Light Lens, Blue

112752 - Strobe Replacement Bulb

111097 - Galvanized Pipe for Pivot Light

144509-G - Galvanized Light Bracket

112737 - Lexan Globe #VP6LL-01W/.06" Hol

112957-A - Screw in Socket Strobe Light 400ECP Amber

112957-B - Screw in Socket Strobe Light 400ECP Blue

112957-C - Screw in Socket Strobe Light 400ECP Clear

112957-G - Screw in Socket Strobe Light 400ECP Green

112957-R - Screw in Socket Strobe Light 400ECP Red

Contact Your Local Reinke Dealer to Order

48 RETRO KITS



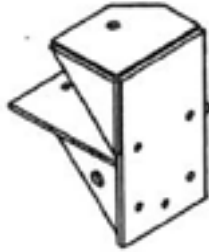
RETRO KITS



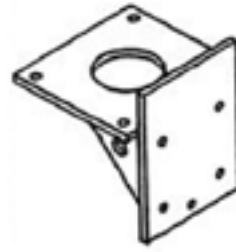
142304-G



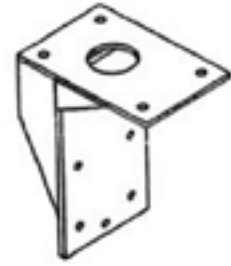
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142295-G



142393-G



142386-G



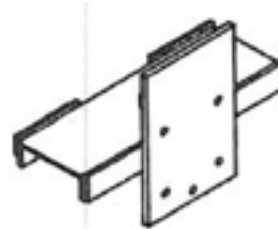
122071



142176-G



142312-G



9142057



142392-G

Driveshaft Conversion Options

- 162021 - 68 1/2" U-Joint Drive Shaft Kit - E
- 162025 - 80 5/8" U-Joint Drive Shaft Kit - A4
- 162027 - 60 1/4" U-Joint Drive Shaft Kit Aluminum 1-13' TB
- 162029 - 72 1/4" U-Joint Drive Shaft Aluminum 1-15' TB
- 162041 - H/T Coupler 59 3/4" Drive Shaft Kit
- 162045 - H/T Coupler 78 5/8" Drive Shaft Kit A4

Gear Mount & Tower Base Conversion Options

- 162211 - Non-Tow Alumigator I, II or III Gear Mounts
- 162213 - Tow Alumigator I, II, or II Gear Mounts
- 162342 - Electrogator I US Heavy Duty Non-Tow Gear Mounts
- 162344 - Electrogator II US Heavy Duty Non-Tow Gear Mounts
- 162345 - Minigator I US Normal Duty Non-Tow Gear Mounts
- 162346 - Minigator I US Normal Duty Tow Gear Mounts
- 162347 - Minigator II & III US Normal Duty Non-Tow Gear Mounts
- 162348 - Minigator II & III US Normal Duty Tow Gear Mounts
- 162352 - Electrogator I US Heavy Duty Tow Bolt-On Gear Mounts
- 162353 - Electrogator I US Heavy Duty Non-Tow Bolt-On Gear Mounts
- 162354 - Electrogator II US Heavy Duty Tow Bolt-On Gear Mounts
- 162355 - Electrogator II US Heavy Duty Non-Tow Bolt-On Gear Mounts
- 162362 - Electrogator I Donut Non-Tow Gear Mounts
- 162363 - Electrogator I Donut Tow Gear Mounts

Universal

- 162404 - Retro Tower Base Tow Adapter Kit

Long System Alignment Retro Options

- 163534 - 6" LSA Flange Bracket Assembly
- 163535 - 6 5/8" LSA Flange Bracket Assembly
- 163536 - 8" LSA Flange Bracket Assembly
- 163542 - 6" Span Long System Align Retro
- 163543 - 6 5/8" Span Long System Align Retro
- 163544 - 8" Span Long System Align Retro
- 163545 - 10" Span Long System Align Retro
- 163547 - 8 5/8" Span Long System Align Retro
- 166580 - Inverted Truss Stab Retro Kit, 105EB

Wheel Gear Options

- 162405 - Reinke Non-Tow Gears, 2 Per Tower
- 162406 - Reinke Towable Gears, 2 Per Tower
- 162407 - Reinke Gears, Pallet of 14 Gears, 112118

Universal

- 166143 - Retro, Guard, STD MTR LD-CATTLE
- 166241 - Retro, Guard, LP MTR LD-CATTLE
- 164360 - Retro, Guard, SG MTR LD-CATTLE
- 163547 - Retro Kit, Control Arm Mount

Contact Your Local Reinke Dealer to Order

RETRO KITS

- Designed to work on all brands and models of equipment
- A complete bolt-on kit available for most applications
- Lateral alignment on both sides of the pipeline helps keep systems straight especially in fields with undulating terrain
- Double walled tower box for added strength and elimination of condensation inside the box
- Heavy duty components to insure years of trouble-free service
- Interlock to insure safety. Tower box can not be opened without shutting off the power

Most Common Tower Box Conversions Used

163448 - Standard O/L A Tower Box Retro Kit
163448-H - Heavy Duty O/L A Tower Box Retro Kit
163448-U - US Motor A Tower Box Retro Kit
163450 - Standard O/L C Tower Box Retro Kit
163450-H - Heavy Duty O/L C Tower Box Kit
163450-U - US Motor C Tower Box Retro Kit
163451 - Standard O/L B Tower Box Retro Kit
163451-H - Heavy Duty O/L B Tower Box Retro Kit
163451-U - US Motor B Tower Box Retro Kit

UL Listed Tower Box

163348 - Standard UL/C UL A Tower Box Retro
163348-H - Heavy Duty UL/C UL A Tower Box Retro
163348-U - No OL UL/C UL A Tower Box Retro
163350 - Standard UL/C UL C Tower Box Retro
163350-H - Heavy Duty UL/C UL C Tower Box Retro
163350-U - NO OL UL/C UL C Tower Box Retro
163351 - Standard UL/C UL B Tower Box Retro
163351-H - Heavy Duty UL/C UL B Tower Box Retro
163351-U - No OL UL/C UL B Tower Box Retro

Alumigator Kits for Aluminum Systems

163381 - Standard UL/C UL A Tower Box Retro
163381-H - Heavy Duty UL/C UL A Tower Box Retro
163382 - Standard UL/C UL B Tower Box Retro
163382-H - Heavy Duty UL/C UL B Tower Box Retro
163384 - Standard UL/C UL C Tower Box Retro
163384-H - Heavy Duty UL/C UL C Tower Box Retro
163385 - Standard UL/C UL A2 & A3 A Tower Box Retro
163386 - Standard UL/C UL A2 & A3 B Tower Box Retro
163481 - Standard A1 A Tower Box Retro Kit
163481-H - Heavy Duty OL Aluminum A Tower Box Retro Kit
163482 - Standard A1 B Tower Box Retro Kit
163482-H - Heavy Duty OL Aluminum B Tower Box Retro Kit
163484 - Standard A1 C Tower Box Retro Kit
163484-H - Heavy Duty OL Aluminum C Tower Box Retro Kit
163485 - Standard A2 & A3 A Tower Box Retro Kit
163486 - Standard A2 & A3 B Tower Box Retro Kit

Standard - Standard Overload - 7 HP or less motors

H - Heavy Duty Overload - 1.5 HP Motors

U - For systems with thermally protected motors



Lateral Move System Tower Boxes

163361 - Standard UL/C UL Maxi A Tower Box Retro
163361-H - Heavy Duty UL/C UL Maxi A Tower Box Retro
163362 - Standard CSA Maxi G Tower Box Retro
163362-H - Heavy Duty CSA Maxi G Tower Box Retro
163363 - Standard UL/C UL Maxi C Tower Box Retro
163363-H - Heavy Duty UL/C UL Maxi C Tower Box Retro
163461 - Standard Maxi T Tower Box Retro Kit
163461-H - Heavy Duty OL Maxi A Tower Box Retro Kit
163462 - Standard Maxi G Tower Box Retro Kit
163462-H - Heavy Duty OL Maxi G Tower Box Retro Kit
163463 - Standard Maxi C Tower Box Retro Kit
163463-H - Heavy Duty OL Maxi C Tower Box Retro Kit

Minigator Kits for 4 1/2" Systems

163371 - Standard UL/C UL Minigator A Tower Box Retro
163371-H - Heavy Duty UL/C UL Minigator A Tower Box Retro
163372 - Standard UL/C UL Minigator B Tower Box Retro
163372-H - Heavy Duty UL/C UL Minigator B Tower Box Retro
163374 - Standard UL/C UL Minigator C Tower Box Retro
163374-H - Heavy Duty UL/C UL Minigator C Tower Box Retro
163471 - Standard Minigator A Tower Box Retro Kit
163471-H - Heavy Duty OL Minigator A Tower Box Retro Kit
163471-U - N/O Minigator A Tower Box Retro Kit
163472 - Standard Minigator B Tower Box Retro Kit
163472-H - Heavy Duty OL Minigator B Tower Box Retro Kit
163474 - Standard Minigator C Tower Box Retro Kit
163474-H - Heavy Duty OL Minigator C Tower Box Retro Kit

Wide Yoke for Large Pipes

163447 - Standard Wide Yoke A Tower Box Retro
163447-H - Heavy Duty OL Wide Yoke A Tower Box Retro
163447-U - US MTR Wide Yoke A Tower Box Retro
163452 - Standard Wide Yoke B Tower Box Retro
163452-H - Heavy Duty OL Wide Yoke B Tower Box Retro
163452-U - US MTR Wide Yoke B Tower Box Retro

UL Listed Wide Yoke for Large Pipes

163347 - Standard UL/C UL Wide Yoke A Tower Box Retro
163347-H - Heavy Duty UL/C UL Wide Yoke A Tower Box Retro
163347-U - N/O UL/C UL Wide Yoke A Tower Box Retro
163352 - Standard UL/C UL Wide Yoke B Tower Box Retro
163352-H - Heavy Duty UL/C UL Wide Yoke B Tower Box Retro

RETRO KITS

Valley Retro Kits

Gear Mount Conversions

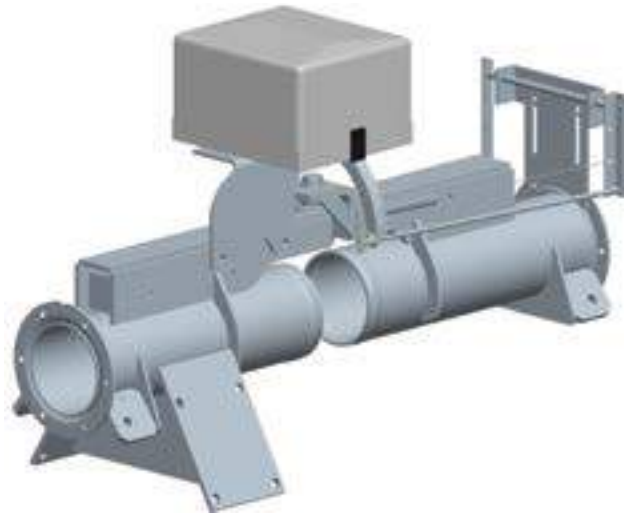
- 162350 - Valley Non-Tow Gear Mounts
- 162361 - Valley Non-Tow Bolt-On Gear Mounts
- 162367 - Valley Non-Tow Chain Drive Gear Mounts
- 162374 - Valley Towable Chain Drive Gear Mounts
- 162375 - Valley Non-Tow Chain Drive Gear Mounts

Valley Tower Box Retro

- 163464-U - Valley A Tower Box Retro Kit
- 163465-U - Valley B Tower Box Retro Kit
- 163450-U - US Motor C Tower Box Retro Kit

Valley Joint Conversion

- 166538 - Valley Last Span Hook Retro
- 166540 - Valley Span Joint Retro
- 161530 - Control Arm Mount Retro Kit



Zimmatic Retro Kits

Gear Mount Conversions

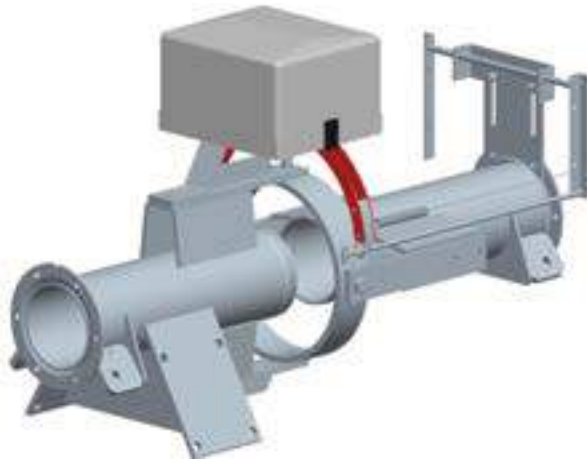
- 162356 - Zimmatic Non-Tow Bolt-On Gear Mounts
- 162052 - Zimmatic Hydraulic to Worm Drive Kit

Zimmatic Tower Box Retro

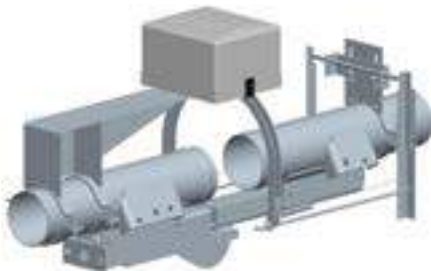
- 163466-U - Zimmatic A Tower Box Retro Kit
- 163467-U - Zimmatic B Tower Box Retro Kit
- 161530 - Control Arm Mount Retro Kit
- 163450-U - US Motor C Tower Box Retro Kit

Zimmatic Joint Conversion

- 166539 - Zimmatic Last Span Hook Retro
- 166541 - Zimmatic Span Joint Retro



T&L Retro Kits



T&L Retro Kits

- 163450-U - US Motor C Tower Box Retro Kit
- 162049-U - T&L/Reinke A Tower Box Alignment Kit
- 162050-U - T&L/Reinke B Tower Box Alignment Kit
- 162053-U - T&L Top Hat A Tower Box Alignment Kit
- 162054-U - T&L Top Hat B Tower Box Alignment Kit

Details

- Used from February 1992-Present
- Used from February 1992-Present
- Used from January 1973 to January 1992
- Used from January 1973 - January 1992

Contact Your Local Reinke Dealer to Order

RETRO KITS

Lockwood

162349 - Lockwood Towable Gear Mount
162364 - Lockwood Non-Tow Off Center Gear Mount
143549 - Lockwood Bolt-On Tower Box Mount Retro
161532 - Lockwood Mount A Tower Box Retro
161533 - Lockwood Mount B Tower Box Retro
163450 - Standard E60 C Tower Box Retro Kit

Gifford Hill

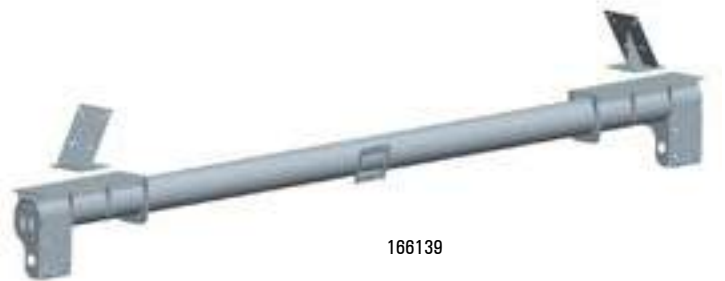
162351 - US Heavy Duty Towable Gear Mount
162360 - US Heavy Duty Towable Bolt-On Gear Mount
162365 - US Heavy Duty Non-Tow Gear Mount
162366 - US Heavy Duty Non-Tow Bolt-On Gear Mount
162376 - US Normal Duty - Non-Tow Bolt-On Gear Mount

Universal Tower Base Retro

166137 - T&L Tower Base Retro
162047 - T&L High Torque Coupler/Drive Shaft Retro
162048 - T&L Base High Torque Coupler/Drive Shaft Retro
162475 - T&L to Reinke Tower Drive Retro
162055 - T&L Hydraulic Drive to Electric Drive Kit Adapter
166139 - Universal for Most Competitive Equip Tower Base Retro

Olson

162368 - US Normal Duty 4.5 Non-Tow Gear Mounts
162369 - US Normal Duty 4.5 Towable Gear Mounts
162370 - US Heavy Duty 4.5 Non-Tow Gear Mounts
162371 - US Heavy Duty 4.5 Towable Gear Mounts
163447 - Standard Wide Yoke A Tower Box Retro
163447-H - Heavy Duty Wide Yoke A Tower Box Retro
163447-U - US Motor Wide Yoke A Tower Box Retro
163452 - Standard Wide Yoke B Tower Box Retro
163452-H - Heavy Duty OL Wide Yoke B Tower Box Retro
163452-U - US Motor Wide Yoke B Tower Box Retro
161530 - Control Arm Mount Retro Kit



3 Wheel Kits

3 Wheel Drive Flex Base

164355 - E60 3 Wheel Flex Tower Retro Kit
164356 - EII 3 Wheel Flex Tower Retro Kit

3 Wheel Rigid Base

146035-G - E60 3 Wheel Drive Tower Base
146133-G - 3 Wheel Drive Tower Base



Span Extensions

Span Extensions

164500-G - E65 Galvanized 3 Foot Span Extension Kit
164504-G - E60 Galvanized Aluminum 4 Foot Span Extension Kit
164502-G - E660 Galvanized 4 Foot Span Extension Kit
164503-G - E65 Galvanized Aluminum 4 Foot Span Extension Kit
164504-G - E665 Galvanized 4 Foot Span Extension Kit
164505-G - A60 Galvanized 4 Foot Span Extension Kit

RETRO KITS

Barricades & Auto Stop/Reverse Kits

Barricade Retro Kits

- 162621 - Auto Stop/Reverse Tower Barricade Package (Portable)
- 162627 - Auto Stop/Reverse Over Head Tower Barricade (Stationary)
- 162646 - Trailing Tire Plate Assembly Each

Auto Stop/Reverse Retro Kits

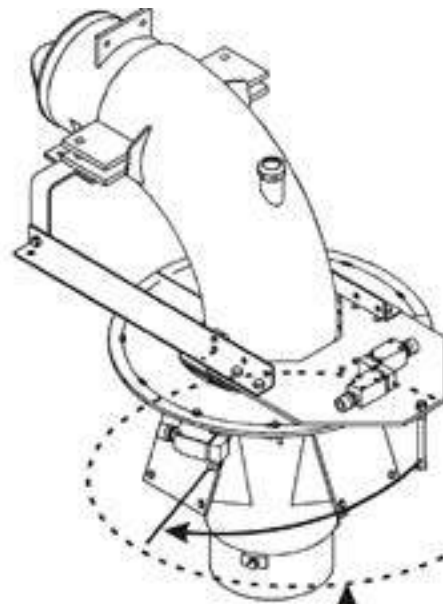
- 162628 - Auto Stop/Reverse Low Profile Tower Retro Kit
- 162629 - Auto Stop/Reverse Standard Over Head Tower Retro Kit
- 162630 - Auto Stop/Reverse 203.5' Over Head Tower Retro Kit
- 162631 - Auto Stop/Reverse Sugargator Over Head Tower Retro Kit
- 162632 - Auto Stop/Reverse E60 Over Head Tower Retro Kit
- 162633 - Auto Stop/Reverse E60 Standard Over Head Tower Retro Kit
- 162634 - Auto Stop/Reverse E60 203.5' Over Head Tower Retro Kit
- 162635 - Auto Stop/Reverse E60 Sugargator Over Head Tower Retro Kit
- 162636 - Auto Stop/Reverse EII RAMs Over Head LP Tower Retro Kit
- 162637 - Auto Stop/Reverse EII RAMs Over Head Standard Tower Retro Kit



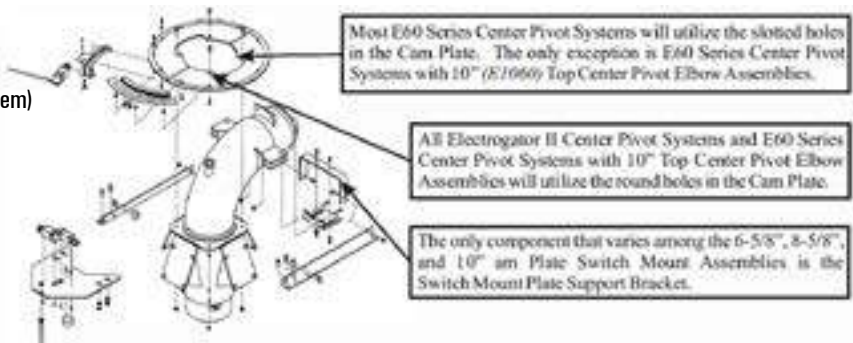
Pivot Point Conversion Kits

Pivot Point Conversion Kits

- 160501 - Retro MCP MTN-N/RSL VR-J
- 160502 - Retro MCP MNT-N/RSL VR-STRT
- 160503 - Retro MCP MNT-RSLVR-J
- 160504 - Retro MCP MNT-RSLVR-STRT
- 163133 - 6 5/8" Cam Plate Style SW MT Retro
- 163134 - 8 5/8" Cam Plate Style SW MT Retro
- 163135 - 10" Cam Plate Style SW MT Retro
- 164316-G - EII Pivot Center Adapter Tie Down Retro
- 164319-G - EII Complete Pivot Pad Adapter Retro
- 164320-G - EII CH TIE DN Pivot Center Adapter Retro
- 164321 - EII Pivot Center Walkway Retro
- 164515 - E665 Pivot Extension Assembly
- 164515-G - E65 Pivot Extension Assembly
- 164516 - E680 Pivot Extension Assembly
- 164517 - E6580 Pivot Extension Assembly
- 164518-G - E88 Pivot Extension Assembly
- 164519 - E800 Pivot Extension Assembly
- 160943 - RPM Advanced Press Start Kit
- 163391 - PAC II End Gun Retro Add-On Kit
- 163392 - PAC II Frost Kill Retro Kit
- 163413 - RAMs Wind & Rain Gauge OPT Retro



- 142830 - Switch-Auto Rev-Cam PLT Style
(must already have 11-Conductor System)
- 142837 - Switch-End Gun-Cam PLT Style
- 142795 - SW-PVT Auto Stop - Cam PLT Style
(must also order 142929 & 143442)
- 142929 - KIT-Pas SW Override - Cam PLT
- 143442 - Collector Reel 11 Circuit



RETRO KITS

SAC Option Retro Kits



SAC Option Retro Kits

- 162615 - Control Line Booster Pump E/ESP Retro
- 162616 - Control Line Booster Pump Retro
- 162901 - SAC Air Compressor w/o ESP Retro
- 162902 - SAC Air Compressor with ESP Retro
- 164220 - Retro Kit - EWP - Aqua Valve
- 164221 - Retro Kit - EWP - Reinke Valve
- 165415 - SAC GPS Base Retro Kit
- 167000 - SAC GPS Retro Stand
- 167001 - SAC GPS Retro PLC
- 168860 - GR MNT 219/1139 SAC Retro Kit
- 168861 - SAC Gear Converter 2.5 Shaft Kit
- 168865 - E60 to EII Standard SAC Tower Retro
- 168866 - E60 to EII PLC SAC Tower Retro
- 163569 - Air Comp Gast to Jenny
- 163577 - Air Comp Jenny Complete
- 164220 - Enhanced Water Package Retro with Aquamatic Valves
- 164221 - Enhanced Water Package Retro with Reinke Valves

167057 - SAC GPS Retro Trimble Standard EII - Used to upgrade an EII Swing Arm with an S-Box

167058 - SAC GPS Retro Trimble PLC EII - Used to upgrade an EII Swing Arm with the Accu-Corner Option





Contact Your Local Reinke Dealer to Order

55 TIRES & WHEELS

AGRI- TRAC



Agri-Trac

Agri-Trac provides five times as much ground surface area. Its concave shape and unique rolling action reduces wheel rut depths by up to 80%. It prevents center pivots and lateral move systems from getting stuck in the mud on even the most difficult soils.

The tire tread bars mesh with the Agri-Trac treads and will not slip inside of the track even on hills with slippery soils. Agri-Trac provides 10 times as much tread length and traction.

Agri-Trac rolls smoothly on small diameter tires without increasing the load on gear boxes. Expensive high flotation tires and large diameter tires are no longer needed. Agri-Trac also protects tires from sharp rocks and rotting sunlight.

Agri-Trac is warranted for one year against defects in materials and workmanship. It is hot-dip galvanized to prevent rust & corrosion.

****Only fits on recap tires and doesn't include the tire and wheel. Competitive models available to fit 11x24.5 recap.**

Agri-Trac Options

112288 - Hinge ASY Agri-Trac

112289 - Agri-Trac with Studs Wheel Spacer

162290 - Agri-Trac 11x22.5 Per Tower Retro - Includes spacers and tracs for one complete tower

162278 - Agri-Trac 11x24.5 Per Tower Retro - Includes spacers and tracs for one complete tower

RUBBER TIRES & WHEELS

Tire & Wheel Combinations

142233	9.5x16 Wheel & Tire
112220	11x22.5 Recap Right Hand Wheel & Tire
112220-G	11x22.5 Recap Galvanized Right Hand Wheel & Tire
112220T	11x22.5 Recap Right Hand Tube Wheel & Tire
11220TG	11x22.5 Recap Galvanized Tube Wheel & Tire
112224	11x22.5 Recap Left Hand Wheel & Tire
112224-G	11x22.5 Recap Galvanized Left Hand Wheel & Tire
112224T	11x22.5 Recap Left Hand Tube Wheel & Tire
112224TG	11x22.5 Recap Galvanized Tube Wheel & Tire
142229	11.2x24 Right Hand Wheel & Tire
142229-G	11.2x24 Galvanized Right Hand Wheel & Tire
142229T	11.2x24 Right Hand Tube Wheel & Tire
142229TG	11.2x24 Galvanized Right Hand Tube Wheel & Tire
142230	11.2x24 Left Hand Wheel & Tire
142230-G	11.2x24 Galvanized Left Hand Wheel & Tire
142230T	11.2x24 Left Hand Tube Wheel & Tire
142230TG	11.2x24 Galvanized Left Hand Tube Wheel & Tire
142220	11.2x38 Right Hand Wheel & Tire
142220-G	11.2x38 Galvanized Right Hand Wheel & Tire
142220T	11.2x38 Right Hand Tube Wheel & Tire
142220TG	11.2x38 Galvanized Right Hand Tube Wheel & Tire
142225	11.2x38 Left Hand Wheel & Tire
142225-G	11.2x38 Galvanized Left Hand Wheel & Tire
142225T	11.2x38 Left Hand Tube Wheel & Tire
142225TG	11.2x38 Galvanized Left Hand Tube Wheel & Tire
142219	13.6x38 Right Hand Wheel & Tire
142219-G	13.6x38 Galvanized Right Hand Wheel & Tire
142219T	13.6x38 Right Hand Tube Wheel & Tire
142219TG	13.6x38 Galvanized Right Hand Tube Wheel & Tire
142221	13.6x38 Left Hand Wheel & Tire
14221-G	13.6x38 Galvanized Left Hand Wheel & Tire
142221T	13.6x38 Left Hand Tube Wheel & Tire
142221TG	13.6x38 Galvanized Left Hand Tube Wheel & Tire
142222	14.9x24 Right Hand Wheel & Tire
142222-G	14.9x24 Galvanized Right Hand Wheel & Tire
142222T	14.9x24 Right Hand Tube Wheel & Tire
142222TG	14.9x24 Galvanized Right Hand Tube Wheel & Tire
142231	14.9x24 Left Hand Wheel & Tire
142231-G	14.9x24 Galvanized Left Hand Wheel & Tire
142231T	14.9x24 Left Hand Tube Wheel & Tire
142231TG	14.9x24 Galvanized Left Hand Tube Wheel & Tire
142224	14.9x24 Turf TT Wheel & Tire
142224-G	14.9x24 Galvanized Turf TT Wheel & Tire
142224T	14.9x24 Turf Tube Wheel & Tire
142224TG	14.9x24 Galvanized Turf Tube Wheel & Tire
142223	16.9x24 Right Hand Wheel & Tire
142223-G	16.9x24 Galvanized Right Hand Wheel & Tire
142223T	16.9x24 Right Hand Tube Wheel & Tire
142223TG	16.9x24 Galvanized Right Hand Tube Wheel & Tire
142236	16.9x24 Left Hand Wheel & Tire
142236-G	16.9x24 Galvanized Left Hand Wheel & Tire
142236T	16.9x24 Left Hand Tube Wheel & Tire

Tire & Wheel Combinations

142236TG	16.9x24 Galvanized Left Hand Tube Wheel & Tire
142240	16.9x24 Turf Wheel & Tire
142240-G	16.9x24 Galvanized Turf Wheel & Tire
142240T	16.9x24 Turf Tube Wheel & Tire
142240TG	16.9x24 Galvanized Turf Tube Wheel & Tire

Tire Only Options

112238L	11x22.5 Recap Tire
112238T	11x22.5 Recap Tube Tire
112240	11x24.5 Recap Tire
112198	11.2x24 Irrigation Tubeless Tire
112199	11.2x24 Tube Tire
112248	11.2x38 4 Ply R1 Tire
112237	13.6x38 Tube Tire
112201	14.9x24 Irrigation Tubeless Tire
112249	14.9x24 Turf Tread Tire
112245	16.9x24 Irrigation Tire
112246	16.9x24 Turf Tread Tire

Wheel Only Options

112239	8.25x22.5 Painted Wheel
112239-G	8.25x22.5 Galvanized Wheel
112195	10x24 Painted Wheel
142195-G	10x24 Galvanized Wheel
112247	10x38 Painted Wheel
142197-G	10x38 Galvanized Wheel
112244	15x24 Painted Wheel
142244-G	15x24 Galvanized Wheel

Tube Only Options

112223	11x22.5 Tube
112205	11.2x24 Tube
112252	11.2x38 Tube
112251	13.6x38 Tube
112206	14.9x24 Tube
112207	16.9x24 Tube

Radial Tires

112156	Radial Tire Only
142293-G	Wheel/Tire 320/85R38 LH Galv
142293TG	Wheel/Tire W/Tube 320/85R38 LH
142294-G	Wheel/Tire 320/85R38 RH Galv
142294TG	Wheel/Tire W/Tube 320/85R38 RH

Non-Directional Tires

112201ND	14.9x24 Tubeless Titan Non-Directional Tire
142264-G	Wheel/Tire - 14.9x24 NonDir TL
142264TG	Wheel/Tire - 14.9x24 NonDir TT

MACH II TIRES & WHEELS



Tire & Wheel Combinations

142216-G 11x22.5 12 Lug Mach II Wheel & Tire
142212-G 11.2x24 16 Lug Mach II Wheel & Tire
142414-G 11.2x38 12 Lug Mach II Wheel & Tire
142214-G 11.2x38 20 Lug Mach II Wheel & Tire
142218-G 13.6x38 24 Lug Mach II Wheel & Tire
142213-G 14.9x24 16 Lug Mach II Wheel & Tire

Tire Only Options

112238M2 11x22.5 12 Lug Mach II Tire
112198M2 11.2x24 16 Lug Mach II Tire
112348M2 11.2x38 12 Lug Mach II Tire
112248M2 11.2x38 20 Lug Mach II Tire
112237M2 13.6x38 24 Lug Mach II Tire
112201M2 14.9x24 16 Lug Mach II Tire

RHINO GATOR TIRES & WHEELS



Rhinogator Tire & Wheel Combinations

112198RG - 11.2x24 ST Rhinogator Wheel & Tire
112248RG - 11.2x38 DT Rhinogator Wheel & Tire
112201RG - 14.9x24 ST Rhinogator Wheel & Tire



Contact Your Local Reinke Dealer to Order

GASKETS & SEALS



V-Ring Seals

111676 - 4 1/2" ID V-Ring Seal
111696 - 6" ID V-Ring Seal
111694 - 6" ID Special V-Ring Seal
111697 - 6 5/8" ID V-Ring Seal
111695 - 6 5/8" ID Special V-Ring Seal
111699 - 8" V-Ring Seal
111700 - 8 5/8" ID V-Ring Seal
111693 - 8 5/8" ID Special V-Ring Seal
111698 - 10" V-Ring Seal

O-Ring Seals

111708 - 4 5/8" ID M O-Ring Seal
111707 - 6 3/4" ID EA O-Ring Seal
113686 - 8" ID O-Ring Seal

T Style Seals

111702 - 6" Flange T-Gasket
145329 - 6 5/8" L Flange Maxi Gasket
111705 - 6 5/8" Flange T-Gasket

Other Gaskets

111137 - 6" Round Back Midwest Gasket
111138 - 8" Round Back Midwest Gasket
111139 - 10" Round Back Midwest Gasket
111197 - 6" Pivot Triple Lip Gasket
111176 - 8" Pivot Triple Lip Gasket
111183 - 8" Pivot Round Back Gasket
111190 - 10" P-Type Coupler Gasket
112144 - 4" Female Coupler Gasket
111191 - 5" Female Coupler Gasket
111198 - 1" Collector Reel Gasket
111199 - 1" Telsco Bottom Gasket
111206 - Stainless Steel J-Pipe Gasket
111691 - 6" Flat Back Midwest Gasket
112754 - 3 3/4" OD x 3 1/4" ID x 3/16" Gasket
113198 - 8" Flange Gasket
113785 - 4" ID, 8 Hole Big Gun Gasket
114476 - 3" ID x 6" OD x 1/16", 4 Hole Gasket
114477 - 3" ID x 7" OD x 1/16", 4 Hole Gasket

WATER HOSE & CLAMPS

Drag Hose

45054 - 4" Irrigation Drag Hose
45055 - 5" Irrigation Drag Hose
45017 - 6" Irrigation Drag Hose
45011 - 8" Irrigation Drag Hose

Span Boots

111710 - 4 1/2" ID x 12" Mini Water Hose
111709 - 6 5/8" ID x 12" Water Hose
113687 - 8" ID x 12" Water Hose
113987 - 8 5/8" x 12" Water Hose
113988 - 8 5/8" x 14" Water Hose
113690 - 10" ID x 12" Water Hose

Competitive

C11710A - 6" x 16" Water Hose
C11709A - 6 5/8" x 16" Water Hose

Clamps

113549 - 4 1/2" T-Bolt Hose Clamp
113551 - 6" T-Bolt Hose Clamp
113550 - 6 5/8" T-Bolt Hose Clamp
113514 - 8" T-Bolt Hose Clamp
113950 - 8 5/8" T-Bolt Hose Clamp
113553 - 10" T-Bolt Hose Clamp
C13550V - Wrap Lock Strap Band Clamps

AIR VALVES



113951



113952

Nelson Air Valve Options

113951 - 2" NPT Nelson ACV200P Air Control Valve

113952 - 2" NPT Nelson ACV200B Air Control Valve

Nelson Air Valves

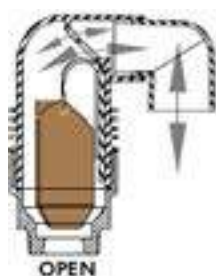
The Nelson ACV200 Air Control Valve is outstanding for controlling air in irrigation systems. The ACV provides all three types of air relief: air relief, vacuum air relief, and continuous air release under pressure.

FEATURES & BENEFITS:

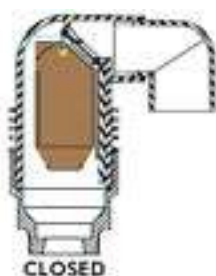
- All corrosion resistant materials
- Self-Cleaning float guides work in dirty water
- High capacity aerodynamic design resists blowing closed
- Working pressure to 200 PSI
- Discharge elbow with internal protective screen
- Inlet 2" male NPT or BSP

APPLICATIONS:

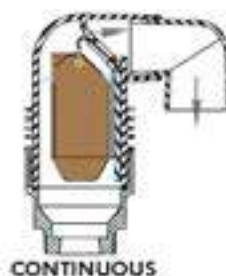
- Pump start-up high capacity air venting
- Pump shut-off vacuum relief
- Filter backflush
- Vent at high points
- Continuous air release during system operation



OPEN



CLOSED



CONTINUOUS

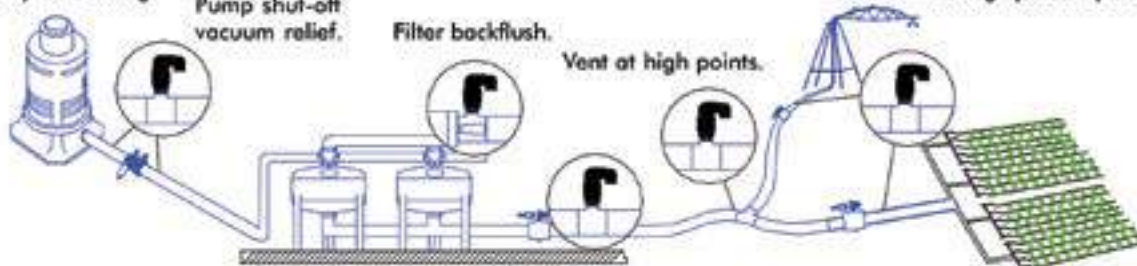
Pump start-up high capacity air venting.

Pump shut-off vacuum relief.

Filter backflush.

Vent at high points.

Continuous air release during system operation.



Contact Your Local Reinke Dealer to Order

END GUNS

Nelson End Guns

Nelson End Guns

A Big Gun® sprinkler (operating through a complete rotation) on a quarter-section pivot can effectively irrigate up to 20 additional acres (8.1 ha). Considering the cost effectiveness of putting this additional land into production, an end gun alternative shouldn't be overlooked. Even if high-pressure is not available to the end of a system, lower pressure options are available.



30 GPM-160 GPM
(6.8 M3/H-36.3 M3/H)

SR75 Big Gun

With proven dependability, performance, long wear life and repairability known from Big Gun® Sprinklers, the 18 degree SR75 is an affordable Big Gun option that performs well at low pressures.

SR75 Big Gun Options

113525 - SR75 End Gun, 18 Deg, 2" FNPT
113587 - SR75 End Gun w/800P Control Valve



50 GPM-300 GPM
(11.4 M3/H-68.2 M3/H)

SR100 Big Gun

The SR100 Big Gun with an 18 degree trajectory is the most popular Pivot End Gun used on center pivots today.

SR100 & F100 Big Gun Options

113555 - SR100 End Gun, 2" FNPT
113576 - SR100 End Gun w/800P Control Valve



50 GPM-300 GPM
(11.4 M3/H-68.2 M3/H)

F100 Big Gun

The F100 Big Gun with an 18 degree trajectory and full circle capability is the most popular Pivot End Gun used on center pivots today.

F100 Big Gun Options

111728 - F100 End Gun, 18 Deg, 2" FNPT
111725 - F100 End Gun, 24 Deg, 2" FNPT



50 GPM-300 GPM
(11.4 M3/H-68.2 M3/H)

SRNV100 Big Gun

The SRNV100 is the standard SR100 Big Gun configured with a simple mechanical valve which can be either hydraulically or electrically controlled and linked to the pivot control system. Because the Nozzle Valve is externally mounted there is no friction loss, turbulence, or debris hang-up.

SRNV100 Big Gun Options

113577 - SRNV100 HB End Gun, 2" FNPT

END GUNS

Nelson End Guns



100 GPM-550 GPM
(23 M3/H-150 M3/H)

SR150 Big Gun

The SR150 Big Gun is the perfect fit for solid set irrigation, traveler irrigation and dust suppression.

SR150 Big Gun Options

111720 - SR150 Big Gun, 21 Deg, 3" NPT
111722 - SR150 Adapter, 150 FLG, 3" NPT



250 GPM-1200 GPM
(55 M3/H-275 M3/H)

SR200 Big Gun

The SR200 Big Gun is the perfect for reclaimed water application where maximum flow is desired.

SR200 Big Gun Options

111826 - SR200 End Gun, 24 Deg, Nelson Flng
111827 - SR200 End Gun Adapter, 200 Flng, 4" NPT



WATER APPLICATION

63

Contact Your Local Reinke Dealer to Order

END GUNS

Nelson End Gun Nozzles



SR75 Nozzles

Size	Part Number
0.40"	113516
0.45"	113517
0.50"	113518
0.55"	113519
0.60"	113520
0.65"	113521
0.70"	113522
0.75"	113523
0.80"	113524

SR100 & F100 Nozzles

Size	Part Number
0.50"	111852
0.55"	111588
0.60"	111765
0.65"	113589
0.70"	111766
0.75"	113590
0.80"	111767
0.85"	113591
0.90"	11768
1.00"	111771

SR150 Nozzles

Size	Part Number
0.70"	113538
0.80"	113539
0.90"	113540
1.00"	113541
1.10"	113542
1.20"	113543

SR200 Nozzles

Size	Part Number
1.05"	113578
1.10"	113579
1.20"	113580
1.30"	113581
1.40"	113582
1.50"	113583
1.60"	113584
1.75"	113585
1.90"	113586

75 TAPER RING NOZZLE — 24° TRAJECTORY

PSI	0.4"		0.45"		0.5"		0.55"		0.6"		0.65"		0.7"		0.75"		0.8"	
	GPM	DIAM. FT	GPM	DIAM. FT	GPM	DIAM. FT	GPM	DIAM. FT	GPM	DIAM. FT	GPM	DIAM. FT	GPM	DIAM. FT	GPM	DIAM. FT	GPM	DIAM. FT
25*	—	—	—	—	—	—	42	146	50	155	59	161	69	167	80	174	91	182
30*	—	—	—	—	37	158	45	158	55	165	64	172	75	182	87	187	99	192
35	—	—	32	154	40	164	49	172	59	178	69	191	81	196	93	202	106	208
40	27	149	35	160	43	171	52	180	63	190	74	198	87	204	98	213	112	221
45	29	155	37	167	46	180	56	189	67	198	79	206	91	214	104	223	118	230
50	30	161	39	174	48	186	59	195	70	203	83	212	95	220	109	230	123	237
55	32	165	41	179	50	193	62	203	74	213	87	221	100	230	115	239	130	247
60	33	169	42	184	53	198	64	208	77	220	91	228	104	237	120	245	136	254
65	35	172	44	189	55	205	67	216	80	227	95	237	109	247	125	254	142	263
70	36	175	45	194	57	210	69	221	83	232	98	243	113	254	129	260	147	270
75	37	179	47	201	59	217	72	228	86	239	101	250	117	261	134	268	153	277
80	39	182	49	207	61	222	74	234	89	244	105	256	121	266	138	274	158	283

*Operating at pressures above 30 PSI provides better performance.

100 TAPER BORE NOZZLE — 24° TRAJECTORY

PSI	0.5"		0.55"		0.6"		0.65"		0.7"		0.75"		0.8"		0.85"		0.9"		1.0"	
	GPM	DIAM. FT	GPM	DIAM. FT	GPM	DIAM. FT	GPM	DIAM. FT	GPM	DIAM. FT	GPM	DIAM. FT	GPM	DIAM. FT	GPM	DIAM. FT	GPM	DIAM. FT	GPM	DIAM. FT
40	47	191	57	202	66	213	78	222	91	230	103	240	118	250	134	256	152	262	—	—
50	50	205	64	215	74	225	87	235	100	245	115	256	130	265	150	273	165	280	204	300
60	55	215	69	227	81	240	96	250	110	260	126	270	143	280	164	288	182	295	224	316
70	60	225	75	238	88	250	103	263	120	275	136	283	155	295	177	302	197	310	243	338
80	64	235	79	248	94	260	110	273	128	285	146	295	165	305	189	314	210	325	258	354
90	68	245	83	258	100	270	117	283	135	295	155	306	175	315	201	326	223	335	274	362
100	72	255	87	268	106	280	123	293	143	305	163	316	185	325	212	336	235	345	289	372
110	76	265	92	278	111	290	129	303	150	315	171	324	195	335	222	344	247	355	304	380

150 TAPER BORE NOZZLE — 24° TRAJECTORY

PSI	0.7"		0.8"		0.9"		1.0"		1.1"		1.2"		1.3"		1.4"	
	GPM	DIAM. FT	GPM	DIAM. FT	GPM	DIAM. FT	GPM	DIAM. FT	GPM	DIAM. FT	GPM	DIAM. FT	GPM	DIAM. FT	GPM	DIAM. FT
50	100	250	130	270	165	290	205	310	255	330	300	345	350	360	408	373
60	110	265	143	285	182	305	225	325	275	345	330	365	385	380	446	396
70	120	280	155	300	197	320	245	340	295	360	355	380	415	395	483	412
80	128	290	165	310	210	335	260	355	315	375	380	395	445	410	516	427
90	135	300	175	320	223	345	275	365	335	390	405	410	475	425	547	442
100	143	310	185	330	235	355	290	375	355	400	425	420	500	440	577	458
110	150	320	195	340	247	365	305	385	370	410	445	430	525	450	605	471
120	157	330	204	350	258	375	320	395	385	420	465	440	545	460	632	481

END GUNS

Komet Twin 101 Ultra & Twin Max End Guns

Komet End Guns Twin 101 Ultra & Twin Max

Self-adjusting Brake Force allows the Twin 101 Ultra and the Twin Max big volume guns to operate efficiently at all pressure levels. The state-of-the-art brake system provides for a steady rotation speed over the entire operating range. This self-adjusting brake system automatically adjust for pressure variations and/or change of nozzle size and this is essential for uniform water applications.



Excellent Distribution Uniformity

The unique drive system allows for a much better stream diffusion even at lower system pressures. The operational performance over the whole pressure range is excellent. Furthermore, because of the superior distribution close to the gun, spreader nozzles are not required. The Twin 101 and the Twin Max are the only big volume guns in the industry utilizing a three stream break-up frequency that can be selected manually without tools to optimize the water distribution for all applications.

Twin 101 Ultra 18°. Trajectory Angle 18°. Part or Full circle. Nozzles 0.47' - 0.94'. Thread connection 2" BSPF - 2" NPTF

Twin Max 18°. Trajectory Angle 18°. Part or Full circle. Nozzles 0.39' - 0.94'. Thread connection 2" BSPF - 2" NPTF

Komet Twin 101 Ultra End Gun Options

111593 - Komet Twin 101 Ultra, 18 Deg

Komet Twin 101 Ultra Nozzle Options

Size	Part Number
0.47"	111594-47
0.51"	111594-51
0.55"	111594-55
0.59"	111594-59
0.63"	111594-63
0.67"	111594-67
0.71"	111594-71
0.75"	111594-75
0.79"	111594-79
0.83"	111594-83
0.87"	111594-87
0.91"	111594-91
0.94"	111594-94
0.98"	111594-98
1.02"	111594-102
1.06"	111594-106
1.10"	111594-110

40 GPM-268 GPM
(9.6 M3/H-56.4 M3/H)



Komet Twin Max End Gun Options

111620 - Komet Twin Max End Gun, 18 Deg

Komet Twin Max Nozzle Options

Size	Part Number
0.39"	111621
0.43"	111622
0.47"	111623
0.51"	111524
0.55"	111625
0.59"	111626
0.63"	111627
0.67"	111628
0.71"	111629
0.79"	111630
0.87"	111631
0.94"	111632

24 GPM-268 GPM
(5.4 M3/H-56.4 M3/H)



WATER APPLICATION

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Contact Your Local Reinke Dealer to Order

END GUNS

Komet Twin 140 Ultra End Gun

Komet Twin 140 Ultra

Self-adjusting Brake Force allows the Twin 140 Ultra big volume gun to operate efficiently at all pressure levels. The state-of-the-art brake system provides for a steady rotation speed over the entire operating range.

This self-adjusting brake system automatically adjust for pressure variations and/or change of nozzle size and this is essential for uniform water applications.



Excellent Distribution Uniformity

The unique drive system allows for a much better stream diffusion even at lower system pressures. The operational performance over the whole pressure range is excellent. Furthermore, because of the superior distribution close to the gun, spreader nozzles are not required. The Twin 140 is the only big volume gun in the industry utilizing a three stream break-up frequency that can be selected manually without tools to optimize the water distribution for all applications.

Twin 140 Ultra. Trajectory Angle 24°. Part or Full circle. Nozzles 0.63' - 1.18'. Thread connection 3" NPTF

Komet Twin 140 Ultra End Gun Options

111619 - End Gun - Komet Twin 140/ULT 24"

Komet Twin 140 Ultra Nozzle Options

Size	Part Number
0.63"	111594-63
0.67"	111594-67
0.71"	111594-71
0.75"	111594-75
0.79"	111594-79
0.83"	111594-83
0.87"	111594-87
0.91"	111594-91
0.94"	111594-94
0.98"	111594-98
1.02"	111594-102
1.06"	111594-106
1.10"	111594-110
1.18"	111548
1.26"	111549
1.34"	111552

40 GPM-260 GPM
(9.6 M3/H-56.4 M3/H)



END GUNS

Sime Wing End Gun

Sime Wing End Gun

Sime Wing Impact Drive Sprinkler is created with adjustable stops for full or part circle coverage. In addition, its quick change nozzle setup, jet stream breaker, and heavy aluminum construction with brass lower turning union compliments a 2.5 inch female standard pipe thread connection that makes the Wing easy to set-up and operate. The Wing features the new drive arm concept that operates in an up and down motion instead of the normal side to side action of most impact style sprinklers minimizing vibration and operating on virtually any degree of slope. The Wing has a 18 degree trajectory which makes it best to use as pivot end gun.



Sime Wing. Trajectory Angle 18°. Part or Full circle. Nozzles 0.47" - 0.95". Thread connection 2.5" NPTF

Sime Wing End Gun Options

111550 - Sime Wing End Gun, 18 Deg

40 GPM-250 GPM
(9.6 M3/H-56.4 M3/H)

Sime Wing Nozzle Options

Size	Part Number
0.47"	111551-47
0.55"	111551-55
0.63"	111551-63
0.71"	111551-71
0.86"	111551-86
0.95"	111551-95



Cutaway of Bottom
Bearing Assembly

SIME WING - NOZZLE RANGE 12 TO 24 mm															
Diameter	Pressure		Jet length		Capacity		Values for a single sprinkler		Rectangular pattern of irrigators			Triangular pattern			
							Irrigated area	Rainfall per hour	Distance between 2 continuous pipelines	Irrigated area	Rainfall per hour	Distance between sprinklers	Distance between 2 continuous pipelines	Irrigated area	Rainfall per hour
mm	bar	psi	m	feet	l/min	cu.m/h	sq.m	mm/h	m	sq.m	mm/h	m	m	sq.m	mm/h
12	2	29	22	72	127	7.6	1519	5	32	1024	7.4	22	39	858	8.8
	3	44	25.5	83.6	155	9.3	2041	4.5	36	1296	7.2	25.5	46	1173	7.9
	4	56	29	95	179	10.7	2640	4	40	1600	6.7	29	52	1508	7.1
	5	70	32	105	202	12.1	3217	3.7	45	2025	6	32	57	1824	6.6
14	2	29	24	78.7	174	10.4	1808	5.7	34	1156	9	24	43	1032	10
	3	44	29	95	212	12.7	2640	4.8	40	1600	7.9	29	52	1508	8.4
	4	56	32	105	245	14.7	3217	4.6	45	2025	7.3	32	57	1824	8
	5	70	35.5	116	274	16.4	3957	42	50	2500	6.6	35.5	64	2272	7.2
16	2	29	25	82	226	13.5	1962	6.8	35	1225	11	25	45	1125	12
	3	44	30.5	100	276	16.5	2921	5.7	43	1849	8.9	30.5	55	1677	9.8
	4	56	34.5	113	320	19.2	3737	5.1	49	2401	8	34.5	62	2139	9
	5	70	37.5	123	356	21.3	4415	4.8	53	2809	7.6	37.5	67	2512	8.5
18	2	29	26.5	87	286	17.1	2205	7.7	37	1369	12.5	26.5	48	1272	13.4
	3	44	32	105	350	21	3217	6.5	45	2025	10.4	32	57	1824	11.5
	4	56	36.5	119.7	404	24.2	4183	5.8	51	2601	9.3	36.5	66	2409	10
	5	70	40	131	452	27.1	5024	5.4	56	3136	8.6	40	72	2880	9.4
20	3	44	33	108	432	25.9	3419	7.6	46	2116	12.2	33	59	1947	13.3
	4	56	37.5	123	501	30	4415	6.8	53	2809	10.7	37.5	67	2512	12
	5	70	41	134.5	560	33.6	5278	6.4	58	3364	10	41	73	2993	11.2
	6	85	44.5	146	613	36.8	6218	5.9	63	3969	9.3	44.5	80	3560	10.3
22	3	44	34	111	522	31.3	3629	8.6	48	2304	13.6	34	61	2074	15.1
	4	56	39.5	129.6	604	36.2	4899	7.4	55	3025	12	39.5	71	2804	12.9
	5	70	43.5	142.7	676	40.5	5941	6.8	61	3721	10.9	43.5	78	3393	11.9
	6	85	47.5	155.8	741	44.4	7084	6.5	67	4489	9.9	47.5	85	4037	11
24	4	56	40.5	132.8	720	43.2	5150	8.4	57	3249	13.3	40.5	73	2956	14.6
	5	70	45.5	149	806	48.3	6500	7.4	64	4096	11.8	45.5	82	3731	12.9
	6	85	49.5	162	882	52.9	7693	6.9	70	4900	10.8	49.5	89	4405	12
	7	100	52	170.6	952	57.1	8490	6.7	73	5329	10.7	52	94	4888	11.7

Contact Your Local Reinke Dealer to Order

CONTROL VALVES

Nelson Control Valves



Nelson 800 Series Control Valve

The basic body can be equipped with several different control packages in various combinations for controlling pressure and flow in large piping systems. The pressure control regulator directs water flow which positions the sleeve during operation. If the control function is pressure reducing, the sleeve position (or flow through the valve) is controlled by downstream pressure. If the control function is pressure sustaining or relief, the sleeve position is controlled by upstream pressure. It's also engineered for extremely high efficiency, resulting in low friction loss and high capacity. It's light weight and compact for ease of shipping, handling and service.

Simplicity Of Operation

The only calibrated pressure control available in the industry. Convenient for setting correct pressure and for quickly checking proper adjustment range.

Reliable Pressure Control

Low friction spool works without any pressure drop.

Advanced Sensitivity Bushing

This feature can stop wild pressure swings and tune the valve for needed accuracy.

Advanced Control And Precision Accuracy

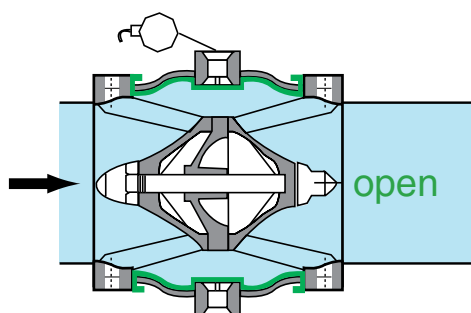
- Both reducing and sustaining function
- No Pressure drop required to regulate
- Widest flow available
- Proportional throttle design
- Pressure accuracy at different temperatures
- Freeze proof easy clean filter
- Valve quick pressure check fittings

Precision Manufactured

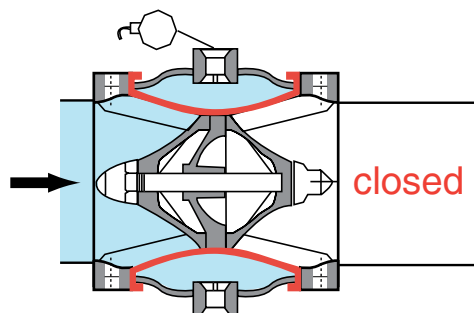
Made of the toughest chemically resistant materials. 100% tested for accuracy.



Basic Operation of 800 Series Valve



Water pressure is relieved from the sleeve chamber, allowing the valve to open.



Upstream water is applied to the outer sleeve chamber, the sleeve becomes hydraulically balanced and the flow passage is closed off by the sleeve pressing against the center seat.

Nelson 800 Series Control Valve Ordering Information

Specify 800 Series Control Valve and select from each letter option. Any item in section D, E & H can be ordered separately as a kit. Specify the option letter and number. Example: A2B5C2D13E53H2 -- A 2" valve, wafer style connection (8 bolts, 16 nuts), operating pressure of 30-200 psi, pressure control reducing 10-120 psi, AC on/off at 110V, 1/16", with an external filter.

BASE VALVE			ACCESSORIES		
A	B	C	D	E	H
VALVE MATERIAL/SIZE	CONNECTION STYLE & HARDWARE	OPERATING PRESSURE	PRESSURE/ FLOW CONTROL	ON/OFF MODE	FILTER
ALUMINUM A2" A3"	WAFER STYLE B9 (No studs) Includes Manual Selector & Mounting Bracket Kits B10 (4 studs, 8 nuts) Includes Manual Selector & Mounting Bracket Kits	C1 10-50 PSI C2 30-200 PSI C3 18-80 PSI	NONE D01 REDUCING (small body pilot) D11 (3-25 PSI) D12 (5-50 PSI) D13 (10-120 PSI) SUSTAINING (small body pilot) D15 (5-50 PSI) D16 (10-120 PSI) RATE-OF-FLOW D18 Specify flow rate & pipe size SLEEVE EXHAUST D06 SHUTTLE CHECK D07 (Must also order solenoid or pressure control)	MANUAL E01 (No Solenoid) ELECTRIC SOLENOID DC (voltage, orifice diameter) E21 (12V, 1/16") E34 (24V, 3/64") DC Latching E23 (9/12V, 3/64") E28 (12-50V, 11/128") AC (voltage, orifice diameter) E43 (24V, 3/64") E46 (24V, 1/16") E53 (110V, 1/16")	H2 External H3* Internal for 2" & 3"
	CAST IRON A2" A3"	THREADED B3 (Specify NPT or BSP) Includes Manual Selector & Mounting Bracket Kits VICTAULIC B6 Includes Manual Selector & Mounting Bracket Kits			
ALUMINUM A4"	WAFER STYLE B9 (No studs) Includes Manual Selector & Mounting Bracket Kits B10 (8 studs, 16 nuts) Includes Manual Selector & Mounting Bracket Kits	C1 10-50 PSI C2 30-200 PSI C3 18-80 PSI	NONE D01 REDUCING (large body pilot) D02 (5-50 PSI) D03 (10-120 PSI) D04 (25-200 PSI) SUSTAINING (large body pilot) D05 (25-200 PSI) D08 (10-120 PSI) D09 (5-50 PSI) RATE-OF-FLOW D18 Specify flow rate & pipe size SLEEVE EXHAUST D06 SHUTTLE CHECK D07 (Must also order solenoid or sustaining control)	MANUAL E01 (No Solenoid) ELECTRIC SOLENOID DC (voltage, orifice diameter) E21 (12V, 1/16") E30 (24V, 1/16") DC Latching E28 (12-50V, 11/128") AC (voltage, orifice diameter, inrush amps) E40 (24V, 1/16", 0.15A) E41 (24V, 1/16", 1.1A) E46 (24V, 1/16", 0.8A) E50 (120V, 1/16") E52 (6 & 8" only) (120V, 1/8")	H2 External H3 Internal for 4", 6" & 8"
	CAST IRON A4" A6" A8"	WAFER STYLE B4 (No studs) Includes Manual Selector & Mounting Bracket Kits B5 (8 studs, 16 nuts) 4" Valve 6" Valve 8" Valve Includes Manual Selector & Mounting Bracket Kits			

SAMPLE ORDER (see opposite page): A6" B5 C2 D03 E40H3. This configuration represents a 6" valve with wafer style connection (studs & nuts included), 30 to 200 PSI pressure rating, pressure reducing (10 - 120 PSI) control package with a 24VAC 1/16" solenoid, and an internal filter.

Contact Your Local Reinke Dealer to Order

WATER APPLICATION

CONTROL VALVES

Komet Control Valves

Komet 850 Series Control Valve - Part #113956

The Komet 850 Valve's state of the art elliptical diaphragm allows for a very quick response and smooth operation starting from 0.7 – 16 bar (10 – 228 psi). The clog resistant open flow design leaves no struts or right angles for debris to catch on and allows the 850 valve to have high flow capacity with some of the lowest pressure losses in the industry.



End Gun Throw

The Komet 850 Valve's very low pressure losses translate into more pressure that reaches the end-gun nozzle. Pair a Komet Twin Max or Twin 101 end-gun, which have the widest pressure ranges of any center pivot end-gun in the industry, and you have the greatest performing gun/valve combo you can specify. This dynamic duo provides you with unrivaled irrigation performance, maximizing the acres beyond the end of the system.



Reliability & Serviceability

The Komet 850 Valve is reliable by design; it consists of only three major components which underline its simplicity and there is no need for periodic maintenance. It is made of ductile iron cast which makes it exceptionally strong. Controlling the valve with differential pressure instead of a solenoid valve eliminates a common cause of failure. In the rare event of plugging due to large debris, it is not necessary to remove the valve. Unplugging is as simple as removing four bolts.

Energy Efficiency

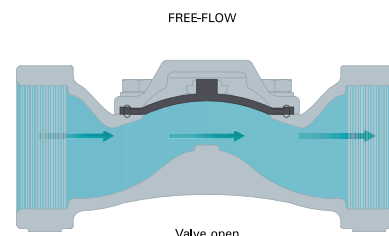
Growers are very conscious of the energy they are using in today's reality of high input costs. The Komet 850 Valve ranks as one of the best when it comes to minimal pressure loss in a center pivot application. Not having to raise your pivot pressure to overcome the losses in the end-gun valve means cost effectiveness in the long term.

Adaptability

The Komet 850 Valve can be adapted to fit virtually any valve control system on virtually any center pivot. It's very simple operation and wide operating parameters make it the obvious choice for new installations or to retrofit into an existing system. The 2" FNPT thread at both the inlet and outlet make the 850 Valve universally adaptable with standard fittings. It can be mounted in a vertical or horizontal position and placed anywhere in the installation.

Free Flow Technology

No matter your water source, there is bound to be debris flowing through the big volume sprinkler system on the end of your center pivot at some point in its lifetime. Moss from the canal, hair and hay from the lagoon, rust from the well casing, it can all cause havoc with most end gun valve systems. Komet has the answer with the innovative Free-Flow technology designed into the Komet 850 Valve. The Komet 850 Valve has a state of the art elliptical diaphragm and control chamber that reacts quickly in an operating range from 10 psi to 228 psi (0.7 to 16 bar). This diaphragm is matched to a body that is designed specifically to have an unobstructed, linear path for the water to flow through. No struts and no right angle turns in the flow path to collect debris, nearly eliminating the possibility of plugging.



Operating parameters / Parámetros operativos

Nominal Diameter / Diámetro nominal		Inlet Pressure / Presión de entrada PSI & Bar				Flow Rate / Caudal GPM & (m³/h)				Fully Opened Valve/ Válvula totalmente abierta	
		Minimum / Mínimo		Maximum / Máximo		Minimum / Mínimo		Maximum / Máximo		*Cv Factor	*Kv Factor
INCH.	MM.	PSI	BAR	PSI	BAR.	GPM	(m³/h)	GPM	(m³/h)		
2"	50	10	0.7	228	16	2.2	0.5	175	40	120	102

$C_v = Q / \sqrt{\Delta P}$ Where Q=Flow Rate (GPM), ΔP =Head loss across the valve (PSI) / $K_v = Q / \sqrt{\Delta P}$ Where Q=Flow Rate (M³/h), ΔP =Head loss across the valve (BAR)

$C_v = Q / \sqrt{\Delta P}$ Dónde Q=Caudal (GPM), ΔP =Pérdidas de carga través de la válvula (PSI) / $K_v = Q / \sqrt{\Delta P}$ Dónde Q=Caudal (M³/h), ΔP =Pérdidas de carga través de la válvula (BAR)

CONTROL VALVES

AquaMatic Control Valves

Aquamatic Control Valves

Aquamatic Control Valves are constructed of cast iron and designed for air and water applications. A separate control chamber protects the diaphragm from line fluid and extends cycle life. These valves are highly serviceable while in line.



KEY FEATURES

- Low Pressure Loss – Y-pattern diaphragm valve features a large seat opening and high lift-disc for higher flow rates at a lower pressure loss than other comparable valves.
- Positive Control – Separate valve flow and control chambers permits positive sealing without springs. The optional spring-assist open feature is available for low pressure and self-draining applications.
- Long Diaphragm Life – Separate diaphragm chambers protects the diaphragm from the flow stream, while allowing the valve to be serviced in-line.
- Cost Effective – In initial cost as well as lifetime maintenance expenses.
- Durable Construction – Cast iron, brass, stainless steel and nitrile elastomer components, giving an unparalleled service life of three years or longer depending on the application's environment.
- Handles Liquid and Gases
- Adaptable to a Wide Variety of Control Devices



SPECIFICATIONS

WORKING PRESSURE: 125 psi (8.6 bar)

MAX TEMPERATURE: 150°F (65°C) - Optional 250°F (120°C)

PIPE SIZES: 3/4" through 3" threaded (NPT or BSP)

Aquamatic Control Valve Options

113751 - 3/4" AquaMatic Valve #421 with SS

113752 - 1" AquaMatic Valve #421 1

113753 - 1 1/4" AquaMatic Valve #421 1

113799 - 2" AquaMatic Valve with Mounting Holes

118777 - 2" AquaMatic Valve Repair Kit

144402 - 2" AquaMatic Valve Elect

113754 - 4" AquaMatic Valve #428 F

XCAD Reinke Control Valves

KEY FEATURES

- Ductile iron body & bonnet
- One moving part, spring-less design
- One diaphragm for all working pressures
- Valve design will pass more trash & fully opens at 5 psi and has a maximum of 200 psi
- Highly efficient high-flow, low head loss design
- Easy in-place maintenance

XCAD Reinke Control Valve Options

113759 - 3/4" XCAD Reinke Control Valve

113760 - 2" XCAD Reinke Control Valve



WATER APPLICATION

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Contact Your Local Reinke Dealer to Order

BOOSTER PUMP KITS



2 HP Booster Pump Kits

163551P - Retro Fit Booster Pump 680 PC

163552P - Retro Fit Booster Pump 680 NV

163556P - Retro Fit Booster Pump E60 PC

163557P - Retro Fit Booster Pump E60 NV

163561P - Retro Fit Booster Pump 61'

163562P - Retro Fit Booster Pump 61' VRT

163563P - Retro Fit Booster Pump 105'

163564P - Retro Fit Booster Pump 105' VRT

163565P - Retro Fit Booster Pump 3'

163566P - Retro Fit Booster Pump 3' VRT

5 HP Booster Pump Kits

163553 - Retro Fit Booster Pump 680 PC

163554 - Retro Fit Booster Pump 680 NV

163559 - Retro Fit Booster Pump E60 PC

163560 - Retro Fit Booster Pump E60 NV

Where Used

All 680/6580 and E60/E65 systems with 85' or 105' End Booms with an Aquamatic Valve

680/6580 systems and E60/E65 systems with 85' or 105' End booms with nozzle valve gun, 800P valve or no valve

E60/E65 systems with end booms up to 61' with Aquamatic valve

E60/E65 systems with end booms up to 61' with nozzle valve gun, 800P valve or no valve

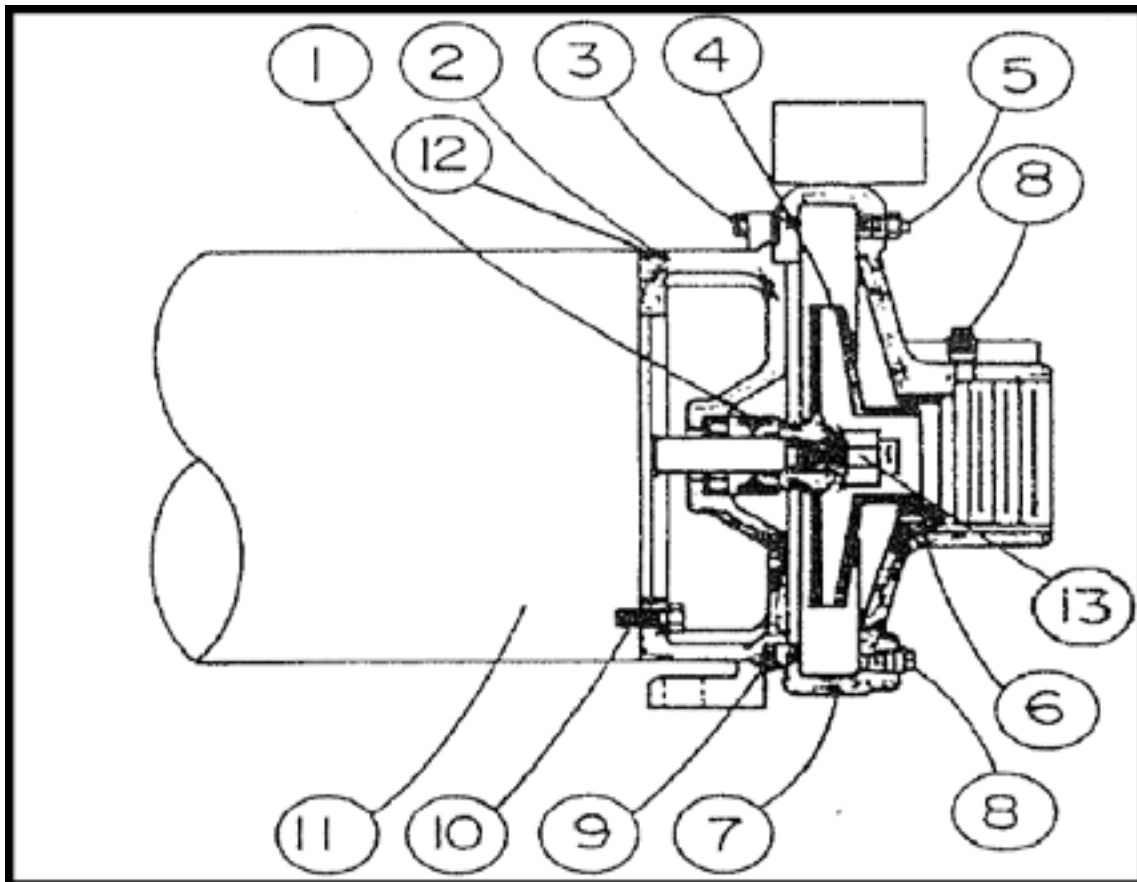
All 680/6580 and E60/E65 systems with 85' or 105' end booms with an Aquamatic valve

680/6580 or E60/E65 systems with 85' or 105' end booms with nozzle valve gun, 800P valve or no valve

E60/E65 systems with end booms up to 61' with Aquamatic valve

E60/E65 systems with end booms up to 61' with nozzle valve gun, 800P valve or no valve

BOOSTER PUMP REPAIR PARTS



Reference	Part Number	Description
1	118611	SEAL-MECH SHAFT #S-8019
2	118612	BRACKET#L-2866 BRKLY
3	none	5/16" x 7/8" Cap Screw
4	118614	IMPELLER#M-10801 BRKLY
4	118613	IMPELLER-CAST#M14765 BRKLY
5	none	Valve, Vent
6	none	Ring Wearing
7	none	Volute Case
8	118618	CASE-FLG MT VOLUTE PNTR M15244
9	118619	GASKET-CASE#S-7445 BRKLY
10	118620	SCREW-CAP 3/8x3/4#S-26824 BRK
11	118622P	MOTOR_REPL 2HP PENTAIR C2MPS
12	118625	GASKET-MYLAR S#31383
13	118623	NUT-JAM 3/8 NC LH#M10293 BRKL



112963P Pump-Boost 2HP BKLY/PENT#C2MPS
112953 Pump-Boost 2HP BKY C2MPS FLG/MNT

Contact Your Local Reinke Dealer to Order

WATER APPLICATION

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SPRINKLERS

Nelson R3000 Rotator



Nelson R3000 Rotator

Nelson is leveraging recent progress in design and manufacturing technology to produce plates with complicated and advanced geometries. The result of these advances is the R3000 Rotator®, the world's premier pivot sprinkler, featuring the widest throw on drops and highest uniformity. It operates on a proven, patented drive principle with an economic design that features only one moving part. Expect the highest levels of reliability and long wear life, even under tough field conditions.

KEY FEATURES

- NOZZLE TYPE: 3TN
- MOUNTING: UP TOP/ON DROPS
- OPERATING RANGE: 10-50 PSI (1.0-3.4 BAR)
- RELATIVE THROW DIAMETER: 58-74' (17.7-22.6 M)



Nelson R3000 Rotator Parts Options

113860 - Square Thread Adapter R/S/D/N/A 3000

113861 - R/S 3000 Body

113862 - R3000 Cap/Motor

113621 - U4 Blue Plate – Utilizes 4 low-trajectory streams for excellent coverage and wind-fighting ability at higher pressures

113622 - D4 Green Plate – Utilizes 4 low-trajectory streams for maximum coverage and wind-fighting ability across a wide pressure range

113623 - D6 Red Plate – Features 6 streams with low stream height for greater droplet breakup & gentle application with uniform coverage

113627 - D8 Orange Plate – For tall crops, multi-trajectory streams that can penetrate canopy and provide maximum uniform coverage

113593 - U6 White Plate – Multi-trajectory streams for superior performance above canopy with the added benefit of a lower pressure range

113628 - D10 Brown Plate – Premiere plate for low-growing crops, such as potatoes, 10 multi-trajectory streams for max uniformity

113666 - D10 Olive Plate - Multi-trajectory plate designed to maintain high uniformity at lower pressures

Nelson S3000 Spinner



Nelson S3000 Spinner

The S3000 Spinner is a low-pressure alternative to fixed spray heads, providing higher uniformity with better overlap and lower application rates. Developed as a variation of the original Nelson Pivot Rotator®, the Spinner has proven to be a popular sprinkler choice for use on sensitive crops and soils that do well under a more gentle application of water. The S3000 uses the spinning action of the rotor plate to produce a desirable canopy of droplets. No special mounting assembly required because the S3000 Spinner operates without vibration. Retrofit on rigid, semi-rigid, or flexible drop hose assemblies.

KEY FEATURES

- NOZZLE TYPE: 3TN
- MOUNTING: ON DROPS
- OPERATING RANGE: 10-20 PSI (0.7-1.4 BAR)
- RELATIVE THROW DIAMETER: 38-54' (11.6-16.5 M)



Nelson R3000 Rotator Parts Options

113860 - Square Thread Adapter R/S/D/N/A 3000

113861 - R/S 3000 Body

113863 - S3000 Cap/Motor

113623 - D6 Red Plate – Features 6 streams with low stream height for greater droplet breakup & gentle application with uniform coverage

113624 - D6 Purple Plate – Creates gentle water droplets that allow for peak performance in specialty crop & unique soil conditions

113626 - D8 Yellow Plate – Multi-trajectory streams for superior wind-fighting, larger droplets higher protect fine droplets lower

SPRINKLERS

Nelson O3000 Orbitor



Nelson O3000 Orbitor

The O3000 Orbitor features new technology that eliminates the struts of a sprinkler body to provide outstanding uniformity and optimal droplets at low operating pressures. Designed with an innovative, bracket-less assembly, debris hang up and water pattern misting common to conventional sprinklers are mitigated. Irrigators can expect long wear life, reliable operation, and durability, even in the toughest water conditions. The O3000 is streamlined for excellent movement through canopy and over field obstacles. This off-axis sprinkler replaces the old-style Nelson N3000 Nutator. The O3000 Orbitor is available with the choice of three different plate options to meet specific irrigation needs.

KEY FEATURES

- NOZZLE TYPE: 3TN
- MOUNTING: ON DROPS
- OPERATING RANGE: 10-20 PSI (0.7-1.4 BAR)
- RELATIVE THROW DIAMETER: 47-58' (14.3-17.7 M)



Nelson O3000 Orbitor Parts Options

- 113667 - O3000 Orbitor with Black Plate – 9 grooves for optimum uniformity and maximum throw in an off-set axis
- 113668 - O3000 Orbitor with Blue Plate – 9 grooves and provides maximum wind-fighting ability in an off-set axis
- 113669 - O3000 Orbitor with Purple Plate – 18 grooves for a consistent fine droplet pattern from an off-set axis

Nelson D3000 Spray Head



Nelson D3000 Spray Head

The D3000 Spray Head is a fixed-spray sprinkler which produces a variety of patterns depending upon the specific spray plate selected. New, multi-trajectory plates provide greater throw and better wind-fighting capabilities. The D3000 incorporates a flip-over spray cap, allowing for a choice of snap-in spray plates to produce a germination, irrigation, or chemigation spray pattern for different seasonal and field needs. Designed for low-energy, down-in-the-crop irrigation, the crop-guarded body is easily convertible into LEPA applications.

KEY FEATURES

- NOZZLE TYPE: 3TN
- MOUNTING: ON DROPS
- OPERATING RANGE: 6-40 PSI (0.4-2.8 BAR)
- RELATIVE THROW DIAMETER: 24-36' (7.3-11 M)



Nelson D3000 Spray Head Parts Options

- 113860 - Square Thread Adapter R/S/D/N/A 3000
- 113871 - D/A 3000 Body
- 113872 - CC Fine Green Cap/Plate – 30 grooves for germination & plant emergence as well as sensitive soils and crops, limited throw
- 113873 - CC Medium Blue Cap/Plate – 36 grooves with a wide throw, has good wind-fighting ability
- 113874 - FL Coarse Gray Cap/Plate – 24 coarse grooves for aggressive streams and good sized droplets for good wind resistance
- 113875 - CV Fine Purple Cap/Plate – 30 fine grooves for better wind resistance when mounted on drops
- 113876 - FL Smooth Turquoise Cap/Plate – Ideal for germination, creates a canopy of very fine droplets, limited throw & wind resistance
- 113879 - FL Medium Black Cap/Plate – 36 medium grooves, same spray as blue plate, but with flat trajectory, wide throw
- 113942 - Multi Orange Cap/Plate – 21 coarse grooves, aggressive stream creates large, wind-fighting droplets
- 113949 - Multi Brown Cap/Plate – 33 medium grooves, widest throw, multi-trajectory reduces stream collision & provides better overlap
- 113877 - CC x CM Blue x Red Cap/Plate
- 113878 - FL x CM Gray x Blue Cap/Plate
- 113880 - CC x CC Blue x Green Cap/Plate

Contact Your Local Reinke Dealer to Order

WATER APPLICATION

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SPRINKLERS

Nelson A3000 Accelerator



Nelson A3000 Accelerator

Designed as a hybrid of Rotator® and Spinner technology, the A3000 Accelerator increases rotation speed through the nozzle range. This allows for optimal throw and droplet characteristics.

KEY FEATURES

- NOZZLE TYPE: 3TN
- MOUNTING: UP TOP/ON DROPS
- OPERATING RANGE: 6-15 PSI (0.4-1.0 BAR)
- RELATIVE THROW DIAMETER: 46-53' (14.0-16.2 M)



Nelson A3000 Accelerator Parts Options

113860 - Square Thread Adapter R/S/D/N/A 3000

113871 - D/A 3000 Body

113958 - A3000 Cap/Motor

113959 - D4 Burgundy Plate – Lower stream height than gold plate, providing more wind-fighting ability

113963 - D6 Gold Cap/Plate – Superior throw, lower application rate & longer soak time for better infiltration and reduced runoff

113989 - U4 Navy Cap/Plate – Provides the benefits of a Rotator at lower pressures in an up-top design

Nelson T3000 Trashbuster



Nelson T3000 Trashbuster

Developed for the land application of wastewater, the T3000 Trashbuster is an excellent solution that provides both agronomic and environmental benefits. Use with select Rotator plates and a R3000 Cap/Motor or Spray plates and D3000 Cap. The open design allows for debris to pass through easily, alleviating build up of material on the plate and body. The optional 3000FC Nozzle not only eliminates the need for pressure regulators, but it also allows larger debris to pass through compared to a conventional 3TN Nozzle. It is not to be used on flexible hose drop assemblies.

KEY FEATURES

- NOZZLE TYPE: 3TN or 3000 FCN
- MOUNTING: UP TOP/ON DROPS
- OPERATING RANGE: DEPENDS ON SELECTION



Nelson A3000 Accelerator Parts Options

113860 - Square Thread Adapter R/S/D/N/A 3000

113865 - N/T 3000 Body

113862 - R3000 Cap/Motor

113621 - U4 Blue Plate – Utilizes 4 low-trajectory streams for excellent coverage and wind-fighting ability at higher pressures

113622 - D4 Green Plate – Utilizes 4 low-trajectory streams for maximum coverage and wind-fighting ability across a wide pressure range

113858 - D3000 Trashbuster Cap

113931 - D3000 CC Fine Green Plate

113937 - D3000 FL Fine Yellow Plate



SPRINKLERS

Nelson 3TN & 3000 Flow Control Nozzles



Nelson 3TN Nozzles

The 3TN "One" Nozzle system is the center of the 3000 Series Pivot Product line. Each sprinkler is made up of an assembly of a cap, plate, body and nozzle. The 3TN Nozzle is interchangeable with all 3000 Series sprinklers. A variety of connection devices are available to link the sprinkler with a hose or rigid drop. The nozzle sizing system is based on 128th inch increments, i.e. 3TN Nozzle #26 has an orifice diameter of 26/128th inches while 3TN Nozzle #27 has an orifice diameter of 27/128th inches. Odd numbered nozzles have a color box around the number marking. This color box denotes the color of next larger nozzle size.

KEY FEATURES

- Expanded Nozzle Range
- Color-Coded
- Quick-Change
- Common across all 3000 series sprinklers
- High water resistance
- Precision Accuracy



Nelson 3TN Nozzle Options

113881 - 3TN 09 Nozzle Light Blue/ Beige	113902 - 3TN 30 Nozzle Dark Brown
113882 - 3TN 10 Nozzle Beige	113903 - 3TN 31 Nozzle Dark Brown/Orange
113883 - 3TN 11 Nozzle Beige/Gold	113904 - 3TN 32 Nozzle Orange
113884 - 3TN 12 Nozzle Gold	113905 - 3TN 33 Nozzle Orange/Dark Green
113885 - 3TN 13 Nozzle Gold/Lime	113906 - 3TN 34 Nozzle Dark Green
113886 - 3TN 14 Nozzle Lime	113907 - 3TN 35 Nozzle Dark Green/Purple
113887 - 3TN 15 Nozzle Lime/Lavender	113908 - 3TN 36 Nozzle Purple
113888 - 3TN 16 Nozzle Lavender	113909 - 3TN 37 Nozzle Purple/Black
113889 - 3TN 17 Nozzle Lavender/Gray	113910 - 3TN 38 Nozzle Black
113890 - 3TN 18 Nozzle Gray	113911 - 3TN 39 Nozzle Black/Dark Turquoise
113891 - 3TN 19 Nozzle Gray/Turquoise	113912 - 3TN 40 Nozzle Dark Turquoise
113892 - 3TN 20 Nozzle Turquoise	113913 - 3TN 41 Nozzle Dark Turquoise/Mustard
113893 - 3TN 21 Nozzle Turquoise/Yellow	113914 - 3TN 42 Nozzle Mustard
113894 - 3TN 22 Nozzle Yellow	113915 - 3TN 43 Nozzle Mustard/Maroon
113895 - 3TN 23 Nozzle Yellow/Red	113916 - 3TN 44 Nozzle Maroon
113896 - 3TN 24 Nozzle Red	113917 - 3TN 45 Nozzle Maroon/Cream
113897 - 3TN 25 Nozzle Red/White	113918 - 3TN 46 Nozzle Cream
113898 - 3TN 26 Nozzle White	113919 - 3TN 47 Nozzle Cream/Dark Blue
113899 - 3TN 27 Nozzle White/Blue	113920 - 3TN 48 Nozzle Dark Blue
113900 - 3TN 28 Nozzle Blue	113921 - 3TN 49 Nozzle Dark Blue/Copper
113901 - 3TN 29 Nozzle Blue/Dark Brown	113922 - 3TN 50 Nozzle Copper

Nelson Flow Control Nozzles

The 3000FC Flow Control Nozzle adapts Nelson's patented flow control technology to the 3000 Series sprinkler line. This proven technology uses a flexible orifice which contracts as pressure increases, allowing the flow rate discharge to be held constant, regardless of pressure fluctuations. The flexible nature of the rubber combines with the relaxation of the orifice at low pressure (i.e. system start-up and shutdown) to create a very plug resistant, compensating sprinkler package. **Flow Control Nozzles Require A Rigid Drop.**



Nelson Flow Control Nozzle Options

113964 - 3000 2.0 Flow Control Nozzle	113969 - 3000 4.3 Flow Control Nozzle	113974 - 3000 8.0 Flow Control Nozzle
113965 - 3000 2.5 Flow Control Nozzle	113970 - 3000 5.0 Flow Control Nozzle	113975 - 3000 9.0 Flow Control Nozzle
113966 - 3000 3.0 Flow Control Nozzle	113971 - 3000 5.5 Flow Control Nozzle	113976 - 3000 10.0 Flow Control Nozzle
113967 - 3000 3.5 Flow Control Nozzle	113972 - 3000 6.0 Flow Control Nozzle	
113968 - 3000 4.0 Flow Control Nozzle	113973 - 3000 7.0 Flow Control Nozzle	

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WATER APPLICATION

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SPRINKLERS

Nelson 3000 Series Part Circle Sprinklers

Nelson 3000 Part Circle Sprinklers

Use Part Circle Sprinklers to keep wheels dry, preventing them from getting stuck. Use them for end of system coverage to gain additional acreage at low pressure. Complement traditional end gun packages to fill the pattern going in and out of corners.



Nelson 3000 Part Circle Sprinkler Options

- 113860 - Square Thread Adapter R/S/D/N/A 3000
- 113868 - S3000 Part Circle Sprinkler Cap/Body
- 113869 - D3000 Part Circle Sprinkler Cap/Body
- 113953 - R3000 Part Circle Sprinkler Cap/Body with Black Plate for Nozzle #14-23
- 113961 - R3000 Part Circle Sprinkler Cap/Body with White Plate for Nozzle #24-39
- 113962 - R3000 Part Circle Sprinkler Cap/Body with Tan Plate for Nozzle #40-50
- 113691 - PCR3000W Part Circle Sprinkler Cap/Body
- 113962 - PCR3000T Part Circle Sprinkler Cap/Body



S3000

D3000

R3000

Nelson Sprinkler Accessories



Nelson 3000 Sprinkler Additional Nozzle Clips

These clips allow your 3000 Series Pivot sprinkler to have an additional nozzles on board to precisely match crop water requirements.

Transform the D3000 Sprayhead into a LEPA Bubbler by inverting the D3000 Cap and attaching a bubbler clip to the D3000 Body.



Nelson 3000 Sprinkler Additional Nozzle Clip Options

- 113929 - Dual Nozzle Clip
- 113954 - Triple Nozzle Clip
- 113960 - D3000 Bubbler Clip

Nelson 3000 Sprinkler 1 Lb Modular Weight

Place the weight on the regulator body (or sprinkler body when not using regulator) to keep sprinklers from drifting on hose drop assemblies.

- 113955 - Nelson 1 Lb Modular Zinc Weight



Nelson Adapters & Fittings

User-friendly, easy-to-install fittings.

- 8320 - 3/4" Male x 3/4" Hose Barb Adapter
- 8321 - 3/4" Female x 3/4" Hose Barb Adapter
- 8322 - 3/4" Standard x 3/4" Hose Barb Adapter
- 113870 - HD3000 Hose Drag Adapter



SPRINKLERS

Nelson Impact Sprinklers

Nelson Impact Sprinklers

Nelson gives you the same rugged, heavy-duty construction and quality of our Impact Sprinklers with the flexibility of full or part circle performance. The sturdy drive arm accompanied by the large impact surface allows for a consistent drive mechanism. The stainless steel arm and spring pin withstand even dirty water conditions, while its heavy-duty bearing contributes to a long life. Impacts are available with Nelson's famous FCN® Flow Control Nozzle to equalize flow rate under fluctuating pressure.



Nelson Impact Sprinkler Options

- 113782 - P65M 1" Part Circle Brass Impact Sprinkler
- 113786 - F44AAB 3/4" Full Circle, Low Angle, Double Nozzle, 8 Deg., Plastic Impact Sprinkler
- 113787 - P85AS 1 1/4" Part Circle, Low Angle, Single Nozzle Brass Impact Sprinkler
- 113789 - F80APV 1 1/4" Full Circle, High Angle, Plug In 2nd Nozzle with Vane Brass Impact Sprinkler
- 113790 - F33AA 3/4" Full Circle, Low Angle, Double Nozzle Brass Impact Sprinkler
- 113791 - L2004T 3/4" Low Angle, Single Nozzle Brass Impact Sprinkler
- 113795 - F33ASV 3/4" Full Circle, Low Angle, Single Nozzle with Vane Brass Impact Sprinkler
- 113796 - F70A 1" Full Circle, High Angle Brass Impact Sprinkler
- 113797 - F43APV Full Circle, Low Angle, Plug In 2nd Nozzle with Vane Brass Impact Sprinkler

Nelson R55 Sprinkler

Nelson R55 Sprinklers

The R55 End of Pivot Sprinkler is changing the way farmers irrigate with center pivots. It can be used to pick up added acreage both throughout the full revolution of the pivot or just in the corners, depending on site specifics and irrigation preferences. It can be used in conjunction with a higher volume Big Gun® Sprinkler – or on its own. The R55 is to be mounted in an upright position at the end of the overhang. It can always remain on, turn on via a solenoid on an 800 series valve or work under the logic of a linked control system with a SR100/800P Valve or SRNV100 (Nozzle Valve).

Nelson R55 Sprinkler Options

- 111370 - Nelson R55A Sprinkler Body
- 111371 - Nelson R55 Quick Release Pin
- 111372 - Nelson R55 #60 Red Nozzle
- 111373 - Nelson R55 #70 Yellow Nozzle
- 111374 - Nelson R55 #80 Green Nozzle
- 111375 - Nelson R55 #90 Blue Nozzle
- 111376 - Nelson R55 #52 Purple Nozzle



Nelson R75 Sprinkler

Nelson R75 Sprinklers

This versatile, high uniformity sprinkler is based on the field proven Rotator® technology. The R75 helps fill in the corners and gain added ground...up to 70ft (21m). Features include an easy to access nozzle, dual barrel spray plate for distance & uniformity and adjustable stops to achieve best arc of coverage.

Nelson R75 Sprinkler Options

- 111390 - Nelson R75 Grey 40-60 PSI
- 111391 - Nelson R75 Gold 25-40 PSI
- 111392 - Nelson R75 #52 Beige Nozzle
- 111393 - Nelson R75 #56 Red Nozzle
- 111394 - Nelson R75 #60 Yellow Nozzle
- 111395 - Nelson R75 #64 Green Nozzle
- 111396 - Nelson R75 #68 Blue Nozzle
- 111399 - Nelson R75 #72 White Nozzle



Contact Your Local Reinke Dealer to Order

SPRINKLERS

Nelson 3030 Series



Nelson 3NV Nozzle

At the heart of the 3030 Series is the 3NV Nozzle. Built with the precision accuracy of the 3TN, this innovative dial-nozzle combines multiple functions so you can "micro-manage" your system. The 3NV Nozzle System covers complete nozzle range, using the same numbering and flow rates as the 3TN Nozzle System.



114250	BODY-R/S 3030 N #12034
114251	BODY-A/D 3030 N #12346
114252	O3030 ORBITOR W/ WT BLK PLATE
114253	O3030 ORBITOR W/ WT BLUE PLATE
114254	O3030 ORBITOR W/ WT PURP PLATE
114256	NOZZLE-6 3NV OLIVE NEL
114257	NOZZLE-7 3NV OLIVE NEL
114258	NOZZLE-8 3NV LT BLUE NEL
114259	NOZZLE-9 3NV LT BLUE NEL
114260	NOZZLE-10 3NV BEIGE NEL
114261	NOZZLE-11 3NV BEIGE NEL
114262	NOZZLE-12 3NV GOLD NEL
114263	NOZZLE-13 3NV GOLD NEL
114264	NOZZLE-14 3NV LIME NEL
114265	NOZZLE-15 3NV LIME NEL
114266	NOZZLE-16 3NV LAVENDER NEL
114267	NOZZLE-17 3NV LAVENDER NEL
114268	NOZZLE-18 3NV GREY NEL
114269	NOZZLE-19 3NV GREY NEL
114270	NOZZLE-20 3NV TURQUOISE NEL
114271	NOZZLE-21 3NV TURQUOISE NEL
114272	NOZZLE-22 3NV YELLOW NEL
114273	NOZZLE-23 3NV YELLOW NEL
114274	NOZZLE-24 3NV RED NEL
114275	NOZZLE-25 3NV RED NEL
114276	NOZZLE-26 3NV WHITE NEL
114277	NOZZLE-27 3NV WHITE NEL
114278	NOZZLE-28 3NV BLUE NEL
114279	NOZZLE-29 3NV BLUE NEL
114280	NOZZLE-30 3NV DK BROWN NEL
114281	NOZZLE-31 3NV DK BROWN NEL
114282	NOZZLE-32 3NV ORANGE NEL
114283	NOZZLE-33 3NV ORANGE NEL
114284	NOZZLE-34 3NV DK GREEN NEL
114285	NOZZLE-35 3NV DK GREEN NEL
114286	NOZZLE-36 3NV PURPLE NEL
114287	NOZZLE-37 3NV PURPLE NEL
114288	NOZZLE-38 3NV BLACK NEL
114289	NOZZLE-39 3NV BLACK NEL
114290	NOZZLE-40 3NV DK TURQ NEL
114291	NOZZLE-41 3NV DK TURQ NEL
114292	NOZZLE-42 3NV MUSTARD NEL
114293	NOZZLE-43 3NV MUSTARD NEL
114294	NOZZLE-44 3NV MAROON NEL
114295	NOZZLE-45 3NV MAROON NEL
114296	NOZZLE-46 3NV CREAM NEL
114297	NOZZLE-47 3NV CREAM NEL

SPRINKLERS

Nelson Brass Nozzles



Nelson 2RN Nozzle Options

111732 - 5/64" 2RN Nozzle
111733 - 3/32" 2RN Nozzle
111734 - 7/64" 2RN Nozzle
111735 - 1/8" 2RN Nozzle
111736 - 9/64" 2RN Nozzle

111737 - 5/32" 2RN Nozzle
113544 - 11/64" 2RN Nozzle
113545 - 3/16" 2RN Nozzle
113547 - 7/32" 2RN Nozzle

Nelson 3FCN Nozzle Options

111953 - 2.0 3FCN Nozzle
111966 - 2.5 3FCN Nozzle
111967 - 3.0 3FCN Nozzle
111968 - 3.5 3FCN Nozzle
111969 - 4.0 3FCN Nozzle
111970 - 4.3 3FCN Nozzle
111971 - 5.0 3FCN Nozzle

111972 - 5.5 3FCN Nozzle
111973 - 6.0 3FCN Nozzle
111974 - 7.0 3FCN Nozzle
111952 - 8.0 3FCN Nozzle
111975 - 9.0 3FCN Nozzle
111976 - 10.0 3FCN Nozzle

Nelson 3RN Nozzle Options

111740 - 9/64" 3RN Nozzle
111741 - 5/32" 3RN Nozzle
111742 - 11/64" 3RN Nozzle
111743 - 3/16" 3RN Nozzle
111744 - 13/64" 3RN Nozzle
111745 - 7/32" 3RN Nozzle
111746 - 1/4" 3RN Nozzle
111747 - 9/32" 3RN Nozzle
111748 - 17/64" 3RN Nozzle
111749 - 15/64" 3RN Nozzle
111838 - 3/32" 3RN Nozzle
111839 - 7/64" 3RN Nozzle
111840 - 1/8" 3RN Nozzle
111982 - 25/128" 3RN Nozzle
111983 - 27/128" 3RN Nozzle

111984 - 29/128" 3RN Nozzle
111985 - 31/128" 3RN Nozzle
111986 - 33/128" 3RN Nozzle
111987 - 35/128" 3RN Nozzle
111988 - 37/128" 3RN Nozzle
113839 - 19/64" 3RN Nozzle
113840 - 5/16" 3RN Nozzle
113841 - 21/64" 3RN Nozzle
113842 - 11/32" 3RN Nozzle
113843 - 23/64" 3RN Nozzle
113844 - 3/8" 3RN Nozzle
113845 - 25/64" 3RN Nozzle

Nelson 7RN Nozzle Options

111750 - 5/16" 7RN Nozzle
111751 - 11/32" 7RN Nozzle
111752 - 3/8" 7RN Nozzle
111753 - 13/32" 7RN Nozzle
111754 - 9/32" 7RN Nozzle

111764 - 1/4" 7RN Nozzle
111994 - 19/64" 7RN Nozzle
111995 - 21/64" 7RN Nozzle
111996 - 23/64" 7RN Nozzle
113536 - 7/32" 7RN Nozzle

Nelson 8DRN Nozzle Options

111755 - 3/8" 8DRN Nozzle
111756 - 7/16" 8DRN Nozzle
111757 - 15/32" 8DRN Nozzle
111758 - 1/2" 8DRN Nozzle
111759 - 13/32" 8DRN Nozzle
111760 - 17/32" 8DRN Nozzle

111761 - 11/32" 8DRN Nozzle
111762 - 9/16" 8DRN Nozzle
111763 - 5/8" 8DRN Nozzle
111772 - 19/32" 8DRN Nozzle
111790 - 21/32" 8DRN Nozzle
111791 - 11/16" 8DRN Nozzle

Contact Your Local Reinke Dealer to Order

SPRINKLERS

Senninger i-Wob Wobblers

Senninger i-Wob Wobblers

The Senninger i-Wob combines its unique rotary action with the wobbling action of grooved deflectors to deliver a consistent droplet size and outstanding uniformity over a large area of coverage. This prevents wind-drift and provides a gentle, rain-like application of water to the soil.



KEY FEATURES

- Integrated base allows the applicator to be installed directly into a pressure regulator or onto a standard 3/4" NPT female connection with no special threads or fittings required.
- Low pressure operation - 10 to 20 psi (0.69 to 1.38 bar) - saves money and energy.
- Two-year warranty on materials, workmanship and performance. Warranted to maintain correct orifice size for five years.

Senninger i-Wob Wobbler Parts Options

- 111502 - i-Wob 3/4M Base Adapter
- 111503 - i-Wob 3/4HB Base Adapter
- 111495 - i-Wob Standard Angle Black Plate Bracket, 9 Groove, Medium Droplets
- 111496 - i-Wob Low Angle White Plate Bracket, 6 Groove, Large Droplets
- 111504 - iWob Low Angle Blue Plate Bracket, 9 Groove, Medium Droplets
- 111512 - One Weight
- 112350 - i-Wob SA9 UP3 3/4 MPT Black
- 112351 - i-Wob LA9 UP3 3/4 MPT Blue
- 112352 - i-Wob LA6 UP3 3/4 MPT White
- 112412 - iWob SA6 UP3 3/4 MPT Grey



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SPRINKLERS

Senninger Xi-Wob & Xcel-Wobblers

Senninger Xi-Wob UP3

The Senninger Xi-Wob provides the same ultra-low application intensity and uniform distribution pattern that has made the Senninger i-Wob the leading pivot sprinkler on the market. It utilizes patented counter balance technology, making it ideal for installation on semi-rigid PE drops, steel drops, and flexible hose drops when used with The One Weight.



KEY FEATURES

- UP3 snap-in nozzle is easy to remove for cleaning or changing. To remove the nozzle simply pinch and pull, then place and click to install.
- Integrated base allows the applicator to be installed directly into a pressure regulator or onto a standard 3/4" NPT female connection with no special threads or fittings required.
- Ultra-low application intensity to preserve soil integrity.
- Low pressure operation - 10 to 15 psi (0.69 to 1.03 bar) - saves money and energy.
- Two-year warranty on materials, workmanship and performance. Warranted to maintain correct orifice size for five years.
- Nozzle sizes are easily identified with color-coding and embossing on the ears, including half sizes.



Senninger Xi-Wob & Xcel-Wobblers

The Senninger Xi-Wob provides the same ultra-low application intensity and uniform distribution pattern that has made the Senninger i-Wob the leading pivot sprinkler on the market. It utilizes patented counter balance technology, making it ideal for installation on semi-rigid PE drops, steel drops, and flexible hose drops when used with The One Weight.

The Senninger Xi-Wob 605-TOP literally turns the popular Xi-Wob upside down. It is ideal for reducing over-watering by allowing wide spacing (up to 20 feet) and providing a wind-resistant pattern with uniform coverage at a low 10 psi.

Senninger's Xcel-Wobbler is ideal for reducing over-watering. It allows up to 20 feet of wide spacing and provides a wind-resistant pattern with extremely uniform coverage. The Xcel-Wobbler is a 10 psi sprinkler that is mounted on the top of the pipe along the first two spans of a center pivot or other mechanical-move system.



111509

Senninger Xi-Wob & Xcel-Wobbler Parts Options

- 111502 - Xi-Wob 3/4M Base Adapter
- 111508 - Xi-Wob Bracket
- 111509 - Xi-Wob 610 Blue Model, 6 Groove, 10 Deg, Medium Droplets
- 111510 - Xi-Wob 910 Gray Model, 9 Groove, 10 Deg, Smaller Droplets
- 111511 - Xi-Wob 615 Black Model, 6 Groove, 15 Deg, Large Droplets
- 111511 - Xi-Wob 605 White Model, Top Mount, 6 Groove, 5 Deg, Medium Droplets
- 111514 - Xcel-Wobbler, Top Mount
- 111512 - One Weight
- 112353 - Xi-Wob UP3 Bracket



111511

111514

WATER APPLICATION

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Contact Your Local Reinke Dealer to Order

SPRINKLERS

Senninger i-Wob & Xi-Wob Sprinkler Nozzles

Senninger i-Wob & Xi-Wob Sprinkler Nozzles

Senninger offers a wide range of nozzle options to customize sprinklers for peak performance.



KEY FEATURES

- Color-coded for easy size identification
- Excellent durability
- Warranted to maintain correct orifice size for five years



Senninger i-Wob & Xi-Wob Sprinkler Nozzle Options

111450 - #7 Lime i-Wob Sprinkler Nozzle
111461 - #7.5 i-Wob Lime Sprinkler Nozzle
111462 - #8 Lavender i-Wob Sprinkler Nozzle
111463 - #8.5 i-Wob Lavender Sprinkler Nozzle
111464 - #9 i-Wob Grey Sprinkler Nozzle
111465 - #9.5 i-Wob Grey Sprinkler Nozzle
111466 - #10 i-Wob Turquoise Nozzle
111467 - #10.5 i-Wob Turquoise Nozzle
111468 - #11 i-Wob Yellow Nozzle
111469 - #11.5 i-Wob Yellow Nozzle
111470 - #12 i-Wob Red Nozzle
111471 - #12.5 i-Wob Red Nozzle
111472 - #13 i-Wob White Nozzle
111473 - #13.5 i-Wob White Nozzle
111474 - #14 i-Wob Blue Nozzle
111475 - #14.5 i-Wob Blue Nozzle
111476 - #15 i-Wob Brown Nozzle
111477 - #15.5 i-Wob Brown Nozzle
111478 - #16 i-Wob Orange Nozzle
111479 - #16.5 i-Wob Orange Nozzle
111480 - #17 i-Wob Green Nozzle
111481 - #17.5 i-Wob Green Nozzle
111482 - #18 i-Wob Purple Nozzle
111483 - #18.5 i-Wob Purple Nozzle
111484 - #19 i-Wob Black Nozzle
111485 - #19.5 i-Wob Black Nozzle
111486 - #20 i-Wob Dark Turquoise Nozzle
111487 - #20.5 i-Wob Dark Turquoise Nozzle
111488 - #21 i-Wob Mustard Nozzle
111489 - #21.5 i-Wob Mustard Nozzle
111490 - #22 i-Wob Maroon Nozzle
111491 - #22.5 i-Wob Maroon Nozzle
111492 - #23 i-Wob Cream Nozzle
111493 - #23.5 i-Wob Cream Nozzle
111494 - #24 i-Wob Dark Blue Nozzle
111506 - #25 i-Wob Copper Nozzle
111507 - #26 i-Wob Bronze Nozzle

Orifice Diameter

#4 Light Blue	1/16 (0.063) in.	(1.59mm)
#5 Beige	5/64 (0.078) in.	(1.98mm)
#6 Gold	3/32 (0.094) in.	(2.38mm)
#7 Lime	7/64 (0.109) in.	(2.78mm)
#8 Lavender	1/8 (0.125) in.	(3.18mm)
#9 Grey	9/64 (0.141) in.	(3.57mm)
#10 Turquoise	5/32 (0.156) in.	(3.97mm)
#11 Yellow	11/64 (0.172) in.	(4.37mm)
#12 Red	3/16 (0.188) in.	(4.76mm)
#13 White	13/64 (0.203) in.	(5.16mm)
#14 Blue	7/32 (0.219) in.	(5.56mm)
#15 Dk. Brown	15/64 (0.234) in.	(5.95mm)
#16 Orange	1/4 (0.250) in.	(6.35mm)
#17 Dk. Green	17/64 (0.266) in.	(6.75mm)
#18 Purple	9/32 (0.281) in.	(7.14mm)
#19 Black	19/64 (0.297) in.	(7.54mm)
#20 Dk. Turquoise	5/16 (0.313) in.	(7.94mm)
#21 Mustard	21/64 (0.328) in.	(8.33mm)
#22 Maroon	11/32 (0.344) in.	(8.73mm)
#23 Cream	23/64 (0.359) in.	(9.13mm)
#24 Dk. Blue	3/8 (0.375) in.	(9.53mm)
#25 Copper	25/64 (0.391) in.	(9.92mm)
#26 Bronze	13/32 (0.406) in.	(10.32mm)

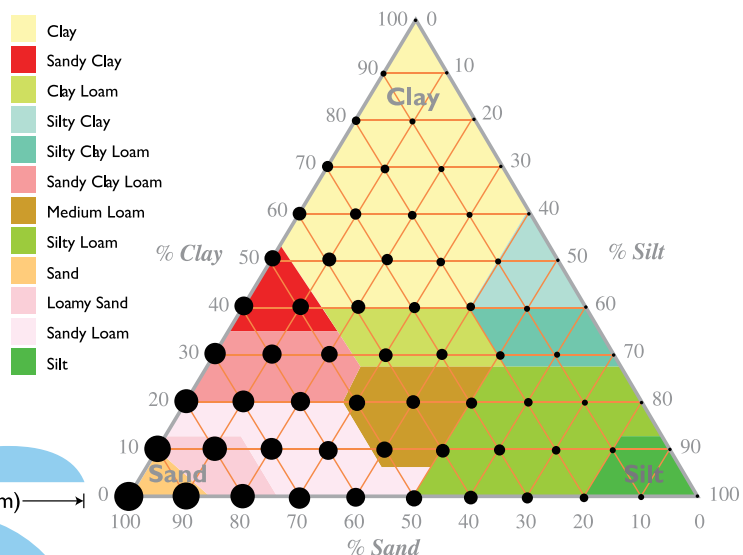
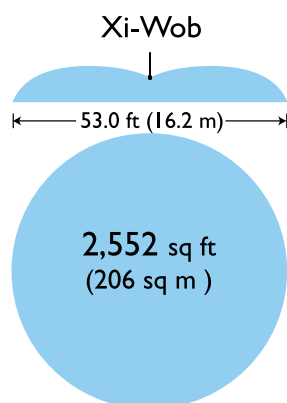
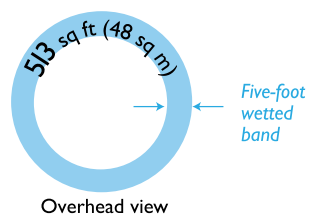
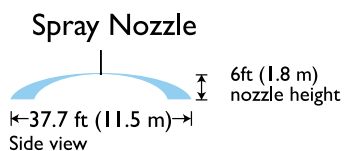
Half sizes (1/28th inch increments) are also available in some models.

SPRINKLERS

Senninger



Excellent Distance of Throw



Xi-Wob Droplet Size

- Model 610: Medium droplets
- Model 615: Large droplets
- Model 910: Smaller droplets
- Model 605-TOP of Pipe: Medium droplets

Contact Your Local Reinke Dealer to Order

WATER APPLICATION

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SPRINKLERS

Senninger UP3 Nozzles



Senninger UP3 Sprinkler Nozzles

Senninger offers a wide range of nozzle options to customize sprinklers for peak performance. The color-coded nozzles are highly visible and easy to identify. The nozzle numbers (corresponding to orifice size in 64ths of an inch) are visible on the ears, with half-sizes denoted beneath the second digit and notches on the lower edge of the nozzle. Warranted to maintain correct orifice size for five years.

Senninger UP3 Sprinkler Nozzle Options

112355 - #4 UP3 Nozzle Light Blue
 112356 - #4.5 UP3 Nozzle Light Blue
 112357 - #5 UP3 Nozzle Beige
 112358 - #5.5 UP3 Nozzle Beige
 112359 - #6 UP3 Nozzle Gold
 112360 - #6.5 UP3 Nozzle Gold
 112361 - #7 UP3 Nozzle Lime
 112362 - #7.5 UP3 Nozzle Lime
 112363 - #8 UP3 Nozzle Lavender
 112364 - #8.5 UP3 Nozzle Lavender
 112365 - #9 UP3 Nozzle Grey
 112366 - #9.5 UP3 Nozzle Grey
 112367 - #10 UP3 Nozzle Turquoise
 112368 - #10.5 UP3 Nozzle Turquoise
 112369 - #11 UP3 Nozzle Yellow
 112370 - #11.5 UP3 Nozzle Yellow
 112371 - #12 UP3 Nozzle Red
 112372 - #12.5 UP3 Nozzle Red
 112373 - #13 UP3 Nozzle White
 112374 - #13.5 UP3 Nozzle White
 112375 - #14 UP3 Nozzle Blue
 112376 - #14.5 UP3 Nozzle Blue
 112377 - #15 UP3 Nozzle Brown
 112378 - #15.5 UP3 Nozzle Brown
 112379 - #16 UP3 Nozzle Orange
 112380 - #16.5 UP3 Nozzle Orange
 112381 - #17 UP3 Nozzle Dark Green
 112382 - #17.5 UP3 Nozzle Dark Green
 112383 - #18 UP3 Nozzle Purple
 112384 - #18.5 UP3 Nozzle Purple
 112385 - #19 UP3 Nozzle Black
 112386 - #19.5 UP3 Nozzle Black
 112387 - #20 UP Nozzle Dark Turquoise
 112388 - #20.5 UP3 Nozzle Dark Turquoise
 112389 - #21 UP3 Nozzle Mustard
 112390 - #21.5 UP3 Nozzle Mustard
 112391 - #22 UP3 Nozzle Maroon
 112392 - #22.5 UP3 Nozzle Maroon
 112393 - #23 UP3 Nozzle Cream
 112394 - #23.5 UP3 Nozzle Cream

Orifice Diameter

#4 Light Blue	1/16 (0.063) in.	(1.59mm)
#5 Beige	5/64 (0.078) in.	(1.98mm)
#6 Gold	3/32 (0.094) in.	(2.38mm)
#7 Lime	7/64 (0.109) in.	(2.78mm)
#8 Lavender	1/8 (0.125) in.	(3.18mm)
#9 Grey	9/64 (0.141) in.	(3.57mm)
#10 Turquoise	5/32 (0.156) in.	(3.97mm)
#11 Yellow	11/64 (0.172) in.	(4.37mm)
#12 Red	3/16 (0.188) in.	(4.76mm)
#13 White	13/64 (0.203) in.	(5.16mm)
#14 Blue	7/32 (0.219) in.	(5.56mm)
#15 Dk. Brown	15/64 (0.234) in.	(5.95mm)
#16 Orange	1/4 (0.250) in.	(6.35mm)
#17 Dk. Green	17/64 (0.266) in.	(6.75mm)
#18 Purple	9/32 (0.281) in.	(7.14mm)
#19 Black	19/64 (0.297) in.	(7.54mm)
#20 Dk. Turquoise	5/16 (0.313) in.	(7.94mm)
#21 Mustard	21/64 (0.328) in.	(8.33mm)
#22 Maroon	11/32 (0.344) in.	(8.73mm)
#23 Cream	23/64 (0.359) in.	(9.13mm)
#24 Dk. Blue	3/8 (0.375) in.	(9.53mm)
#25 Copper	25/64 (0.391) in.	(9.92mm)
#26 Bronze	13/32 (0.406) in.	(10.32mm)

Half sizes (128th inch increments) are also available in some models.

112395 - #24 UP3 Nozzle Dark Blue
 112402 - #24.5 UP3 Nozzle Dark Blue
 112396 - #25 UP3 Nozzle Copper
 112403 - #25.5 UP3 Nozzle Copper
 112397 - #26 UP3 Nozzle Bronze

112398 - UP3 Dual Nozzle Carrier

SPRINKLERS

Senninger LDN Sprinklers

Senninger Low Drift Nozzle (LDN) Sprinklers

The Senninger LDN - Low Drift Nozzle - was the first spray nozzle providing the option to stack multiple deflector pads. This produces uniform sized droplets along the wide range of nozzle flows found on center pivots, which helps center pivot irrigators fight wind-drift and evaporative loss. The LDN's streamlined body and durable components can handle the rigors of traveling through tall crops. By using multiple deflector pad levels, additional grooves can be added to the LDN to control water direction and droplet size while still providing a gentle, spread-out application.

KEY FEATURES

- The surfaces of the LDN pads (smooth, medium groove, deep groove) are specially designed to deliver different spray patterns and droplet sizes. Each surface is available in three basic geometries based on the desired trajectory of throw – flat (black), concave (blue) and convex (green).
- The LDN is available with single, double or triple pads. The single pad divides a flow into 24 or 33 streams and is ideal for smaller flows. As the flow and nozzle size increase along the length of the pivot, multiple deflector pads can be used to divide larger flows into more streams – up to 66 or 99. These streams are resistant to wind-drift and evaporation as small droplets are virtually eliminated - sending more water to the root zone.

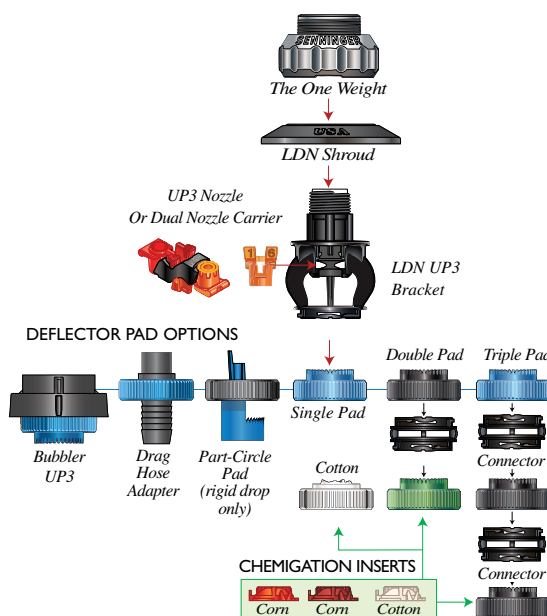


Senninger LDN Sprinkler Parts Options

- 111562 - LDN Heavy Duty Cage Only
- 111801 - LDN Base Only
- 111564 - LDN Heavy Duty Connector
- 111581 - LDN x HB Hose Drag Adapter
- 112354 - LDN UP3 Bracket
- 111512 - One Weight
- 111352 - Shroud
- 111353 - Shroud Spacer

Senninger LDN Sprinkler Pad Options

- 111561 - LDN Part Circle Pad for Rigid Drops Only
- 111563 - LDN Single Blue Deep Groove Concave Pad
- 111565 - LDN Single Mini Blue Concave Pad
- 111566 - LDN Single Blue Concave Pad
- 111567 - LDN Single Mini Black Flat Pad
- 111568 - LDN Single Black Flat Pad
- 111569 - LDN Multi-Concave/Flat-Double Pads
- 111570 - LDN Multi-Concave/Flat/Flat-Triple Pads
- 111571 - LDN Mini-Concave/Chem 1-Single Pads
- 111572 - LDN Concave/Chem 2-Single Pads
- 111573 - LDN Mini Flat/Chem 1-Single Pads
- 111574 - LDN Flat/Chem 2-Single Pads
- 111575 - LDN Concave/Flat/Chem 2-Double Pads
- 111576 - LDN Concave/Flat-Concave/Chem 2-Triple Pads
- 111582 - LDN Mini Convex Pad
- 111583 - LDN Convex Pad
- 111584 - LDN Convex/Flat Double Pads
- 111585 - LDN Red Chem 1 Pad
- 111586 - LDN Maroon Chem 2 Pad
- 111587 - LDN Flat Cotton Chem Pad
- 111588 - LDN Multi Concave/Flat-Double Pads



- 111589 - LDN Multi Concave/Flat/Concave-Triple Pads
- 111590 - LDN Flat Smooth Pad
- 111612 - LDN Mini Concave/Bubbler Pads
- 111613 - LDN Concave/Bubbler Pads
- 111614 - LDN Flat/Bubbler Pads
- 111615 - LDN Bubbler Pad
- 111616 - LDN Cotton/Bubbler Pad
- 112399 - LDN Mini Blue/Bubbler Pads UP3
- 112400 - LDN Blue/Bubbler Pads UP3
- 112401 - LDN Cotton/Bubbler Pads UP3

Contact Your Local Reinke Dealer to Order

WATER APPLICATION

SPRINKLERS

Senninger Super Spray Sprinklers

Senninger Super Spray Sprinklers

Field-proven for more than 30 years, the Senninger Super Spray provides more versatility than any other spray nozzle on the market. It offers a wide variety of interchangeable deflector pad options to meet specific crop, climatic and soil requirements. The design makes it ideal for surface water due to the large distance between the nozzle and deflector and the bracket legs.



KEY FEATURES

- The Senninger Super Spray can be mounted upright or inverted.
- The Senninger Super Spray is ideal for irrigating with poor quality water (unfiltered surface water, effluent solutions, etc.) due to the large distance between the nozzle and deflector pad and the deflector pad and the bracket. The two-legged bracket design minimizes build-up of water-borne solids.
- The Super Spray also offers a chemigation deflector pad. The pads are designed to produce an upward spray under the crop canopy to wash the underside of a crop's leaves where pests hide eliminating or reducing the need for costly pesticides.
- Conversion to direct furrow water application is easy with the Super Spray and the snap-in drag hose adapter. The adapter snaps right into the Super Spray, replacing the deflector pad. Simply snap out the deflector pad, align and snap in drag hose and adapter. Direct furrow application eliminates wind drift and evaporation.

Senninger Super Spray Sprinkler Parts Options

111853 - Super Spray 360 3/4" Bracket with Vane
8275 - Super Spray 3/4" Hose Adapter
112410 - Super Spray UP3 Bracket
111512 - One Weight

Senninger Super Spray Sprinkler Pad Options

111857 - Super Spray Blue Concave Smooth Deflector Pad	111855 - Super Spray Black Flat Medium Groove Deflector Pad
111858 - Super Spray Blue Concave Medium Groove Deflector Pad	111856 - Super Spray Black Flat Deep 24 Groove Deflector Pad
111862 - Super Spray Blue Concave Deep Groove Deflector Pad	111861 - Super Spray Black Flat Deep 36 Groove Deflector Pad
111863 - Super Spray Mini Red Corn Chemigation Deflector Pad	111859 - Super Spray Green Convex Smooth Deflector Pad
111864 - Super Spray Red Corn Chemigation Deflector Pad	111860 - Super Spray Green Convex Medium Groove Deflector Pad
111854 - Super Spray Black Flat Smooth Deflector Pad	

Senninger Fan Spray Sprinklers

Senninger Fan Spray Sprinklers

The Senninger Fan Spray has a directional spray pattern that is ideal for distributing water away from wheel tracks. The design is extremely durable and has no moving parts.



Senninger Fan Spray Sprinkler Options

111651 - Fan Spray #5 Nozzle	111663 - Fan Spray #17 Nozzle
111652 - Fan Spray #6 Nozzle	111664 - Fan Spray #18 Nozzle
111653 - Fan Spray #7 Nozzle	111664 - Fan Spray #18 Nozzle
111654 - Fan Spray #8 Nozzle	111665 - Fan Spray #19 Nozzle
111655 - Fan Spray #9 Nozzle	111666 - Fan Spray #20 Nozzle
111656 - Fan Spray #10 Nozzle	111667 - Fan Spray #21 Nozzle
111657 - Fan Spray #11 Nozzle	111668 - Fan Spray #22 Nozzle
111658 - Fan Spray #12 Nozzle	111669 - Fan Spray #23 Nozzle
111659 - Fan Spray #13 Nozzle	111670 - Fan Spray #24 Nozzle
111660 - Fan Spray #14 Nozzle	
111661 - Fan Spray #15 Nozzle	
111662 - Fan Spray #16 Nozzle	



SPRINKLERS

Senninger Quad Spray Sprinklers

Senninger Quad Spray Sprinklers

Senninger introduced the Quad-Spray specifically for LEPA (Low Energy Precision Application). LEPA systems require very little water and energy to operate and continue to be in high demand in areas where water is limited.

KEY FEATURES

- Four application modes - one device with varying applications reduces labor costs by eliminating the need to carry parts in and out of the field.
- Flows: 0.35 to 9.14 GPM (80 to 2076 L/hr) - Pressures: 6 to 10 psi (0.41 to 0.69 bar)

Senninger Quad Spray Sprinkler Options

**Quad Spray Sprinklers are available by special order only, please call for availability.



Senninger®
Irrigation Inc.

Senninger 360 LDN, Super Spray & Quad Spray Nozzles



Senninger®
Irrigation Inc.

Senninger 360 LDN, Super Spray & Quad Spray Sprinkler Nozzles

Senninger offers a wide range of nozzle options to customize sprinklers for peak performance. The color-coded nozzles are highly visible and easy to identify. The nozzle numbers (corresponding to orifice size in 64ths of an inch) are visible on the ears, with half-sizes denoted beneath the second digit and notches on the lower edge of the nozzle. Warranted to maintain correct orifice size for five years.

Senninger 360 LDN, Super Spray & Quad Spray Sprinkler Nozzle Options

111843 - Super Spray #4 Light Blue Nozzle	111881 - Super Spray #15.5 Dark Brown/Orange Nozzle
111844 - Super Spray #4.5 Light Blue/Beige Nozzle	111882 - Super Spray #16 Orange Nozzle
111865 - Super Spray #5 Beige Nozzle	111883 - Super Spray #16.5 Orange/Dark Green Nozzle
111845 - Super Spray #5.5 Beige/Gold Nozzle	111884 - Super Spray #17 Dark Green Nozzle
111866 - Super Spray #6 Gold Nozzle	111885 - Super Spray #17.5 Dark Green/ Purple Nozzle
111846 - Super Spray #6.5 Gold/Lime Nozzle	111883 - Super Spray #18 Purple Nozzle
111867 - Super Spray #7 Lime Nozzle	111887 - Super Spray #18.5 Dark Purple/Black Nozzle
111847 - Super Spray #7.5 Lime/Lavender Nozzle	111888 - Super Spray #19 Black Nozzle
111868 - Super Spray #8 Lavender Nozzle	111889 - Super Spray #19.5 Black/Dark Turquoise Nozzle
111848 - Super Spray #8.5 Lavender/Gray Nozzle	111890 - Super Spray #20 Dark Turquoise Nozzle
111869 - Super Spray #9 Gray Nozzle	111891 - Super Spray #20.5 Dark Turquoise/Mustard Nozzle
111849 - Super Spray #9.5 Gray/Turquoise Nozzle	111892 - Super Spray #21 Mustard Nozzle
111870 - Super Spray #10 Turquoise Nozzle	111893 - Super Spray #21.5 Mustard/Maroon Nozzle
111871 - Super Spray #10.5 Turquoise/Yellow Nozzle	111894 - Super Spray #22 Maroon Nozzle
111872 - Super Spray #11 Yellow Nozzle	111895 - Super Spray #22.5 Maroon/Cream Nozzle
111873 - Super Spray #11.5 Yellow/Red Nozzle	111896 - Super Spray #23 Cream Nozzle
111874 - Super Spray #12 Red Nozzle	111897 - Super Spray #23.5 Cream/Dark Blue Nozzle
111875 - Super Spray #12.5 Red/White Nozzle	111898 - Super Spray #24 Dark Blue Nozzle
111876 - Super Spray #13 White Nozzle	111899 - Super Spray #24.5 Dark Blue/Copper Nozzle
111877 - Super Spray #13.5 White/Blue Nozzle	111900 - Super Spray #25 Copper Nozzle
111878 - Super Spray #14 Blue Nozzle	111901 - Super Spray #25.5 Copper/Bronze Nozzle
111879 - Super Spray #14.5 Blue/Dark Brown Nozzle	111902 - Super Spray #26 Bronze Nozzle
111880 - Super Spray #15 Dark Brown Nozzle	

Contact Your Local Reinke Dealer to Order

WATER APPLICATION

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SPRINKLERS

Senninger Impact Sprinklers

Senninger Impact Sprinklers

Senninger developed the first Windfighter, the first low-angle impact sprinkler ever designed for use on center pivots. Its low 6° trajectory fights wind drift and evaporation. Today, after continued product improvements, the pivot master line of sprinklers is used worldwide. Also available in 12° and 25° trajectory.



KEY FEATURES

- The Double nozzle models available for good, low-pressure performance
- Color-coded band identifies each model based on flow
- Designed with an enclosed splash arm spring and bearing for protection from the elements
- Color-coded nozzles for easy size identification.

Senninger Impact Sprinkler Options

111960 - Pivot Master 3006 6° Trajectory Sprinkler
111961 - Pivot Master 4006 6° Trajectory Sprinkler
111962 - Pivot Master 5006 6° Trajectory Sprinkler
111963 - Pivot Master 5006H 6° Trajectory Sprinkler
111907 - Pivot Master 3012 12° Trajectory Sprinkler
111908 - Pivot Master 4012 12° Trajectory Sprinkler
111909 - Pivot Master 5012 12° Trajectory Sprinkler
111959 - Pivot Master 7012SD 12° Trajectory Sprinkler
111910 - 7025RD 25° Trajectory Sprinkler
111935 - 8025RD 25° Trajectory Sprinkler

Senninger Impact Sprinkler Nozzle Options

111911 - #6 Nozzle Insert for 3006 & 3012 Sprinklers
111912 - #7 Nozzle Insert for 3006 & 3012 Sprinklers
111913 - #7.5 Nozzle Insert for 3006 & 3012 Sprinklers
111914 - #8 Nozzle Insert for 3006 & 3012 Sprinklers
111915 - #8.5 Nozzle Insert for 3006 & 3012 Sprinklers
111916 - #9 Nozzle Insert for 3006 & 3012 Sprinklers
111917 - #9.5 Nozzle Insert for 3006 & 3012 Sprinklers
111918 - #10 Nozzle Insert for 4006 & 4012 Sprinklers
111919 - #10.5 Nozzle Insert for 4006 & 4012 Sprinklers
111920 - #11 Nozzle Insert for 4006 & 4012 Sprinklers
111921 - #11.5 Nozzle Insert for 4006 & 4012 Sprinklers
111922 - #12 Nozzle Insert for 4006 & 4012 Sprinklers
111923 - #12.5 Nozzle Insert for 5006 & 5012 Sprinklers
111924 - #13 Nozzle Insert for 5006 & 5012 Sprinklers
111925 - #13.5 Nozzle Insert for 5006 & 5012 Sprinklers
111926 - #14 Nozzle Insert for 5006 & 5012 Sprinklers
111927 - #14.5 Nozzle Insert for 5006 & 5012 Sprinklers
111928 - #15 Nozzle Insert for 5006 & 5012 Sprinklers
111929 - #15.5 Nozzle Insert for 5006 & 5012 Sprinklers
111930 - #16 Nozzle Insert for 5006 & 5012 Sprinklers
111931 - #16.5 Nozzle Insert for 5006 & 5012 Sprinklers
111932 - #17 Nozzle Insert for 5006 & 5012 Sprinklers
111933 - #17.5 Nozzle Insert for 5006 & 5012 Sprinklers
111934 - #18 Nozzle Insert for 5006 & 5012 Sprinklers

111937 - #16 Nozzle for 7025RD & 7025SD Sprinklers
111938 - #18 Nozzle for 7025RD & 7025SD Sprinklers
111939 - #20 Nozzle for 7025RD & 7025SD Sprinklers
111940 - #22 Nozzle for 7025RD & 7025SD Sprinklers
111941 - #24 Nozzle for 7025RD & 7025SD Sprinklers
111942 - #24 Nozzle for 8025RD
111943 - #26 Nozzle for 8025RD
111944 - #28 Nozzle for 8025RD
111945 - #30 Nozzle for 8025RD
111946 - #32 Nozzle for 8025RD
111947 - #34 Nozzle for 8025RD
111948 - #36 Nozzle for 8025RD
111949 - #38 Nozzle for 8025RD
111950 - #40 Nozzle for 8025RD

SPRINKLERS

Senninger Sprinkler Accessories

Senninger Adapters

- 8260 - 3/4" Female Coupler
- 8261 - 3/4" Female x 3/4" HB Adapter
- 8262 - 3/4" Male x 3/4" HB Adapter
- 8301 - 3/4" Close PVC FTM33 Nipple
- 8302 - 3/4" HB x HB FTA3B3B Adapter



Senninger®
Irrigation Inc.

Goosenecks

- 111607 - 3/4" MNPT x 3/4" B Single 125 Gooseneck
- 111608 - 3/4" MNPT x 3/4" MNPT Single 125 Gooseneck
- 111609 - 3/4" MNPT x 3/4" B Single 180 Gooseneck
- 111610 - 3/4" MNPT x 3/4" MNPT Single 180 Gooseneck
- 111681 - 3/4" MNPT x 3/4" B Double 125 Gooseneck



Hose Slings

- 111678 - 5/8" Truss Rod Hose Sling
- 111679 - 11/16" Truss Rod Hose Sling
- 111680 - 3/4" Truss Rod Hose Sling
- 111682 - 13/16" Truss Rod Hose Sling
- 111683 - 7/8" Truss Rod Hose Sling



Ball Valve

- 8515 - 3/4" MXF Plastic Ball Valve



XCAD Sprinklers

XCAD Aqua Burst Impact Sprinklers

- Replaceable stainless steel spoon
- Chrome bearing standard
- Full or Part Circle Coverage

**Sprinkler head does not include nozzle.

XCAD Aqua Burst Impact Sprinkler Options

- 113773 - Aqua Burst x65ED Impact Sprinkler
- 113774 - Aqua Burst x85ED Impact Sprinkler

AQUA BURST 



113773



113774

Contact Your Local Reinke Dealer to Order

WATER APPLICATION

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SPRINKLERS

Komet Twister & Sprays

111273	KPT-BLK-STD ANG W/ WT 3/4 LB
111281	KPT-BLU-LOW ANG W/ WT 3/4 LB
111282	KPT-YEL-UL LW ANG W/ WT 3/4 LB
111284	KPS-BODY-EX WIDE W/NOZ CAR
111285	KPS-CAP/PLT CC33 MED BL X CHM
111286	KPS-CAP/PLT FL33 MED BK X CHM
111287	KPS-CAP/PLT FL30 FINE YL X CHM
111288	KPS-CAP/PLT FL24 DEEP GY X CHM
111289	KPS-CAP/PLT PC CC15 MED BL
111290	KPS-PLATE-N FL24 MED BLK
111291	KPS-PLATE-N FL SMOOTH TUQ



SPRINKLERS

Komet Nozzles

111228	NOZZLE-#8/128" LT BLU KRFN
111229	NOZZLE-#9/128" LT BLU KRFN
111230	NOZZLE-#10/128" BEIGE KRFN
111231	NOZZLE-#11/128" BEIGE KRFN
111232	NOZZLE-#12/128" GOLD KRFN
111233	NOZZLE-#13/128" GOLD KRFN
111234	NOZZLE-#14/128" LIME KRFN
111235	NOZZLE-#15/128" LIME KRFN
111236	NOZZLE-#16/128" LAVENDER KRFN
111237	NOZZLE-#17/128" LAVENDER KRFN
111238	NOZZLE-#18, GREY KRFN
111239	NOZZLE-#19, GREY KRFN
111240	NOZZLE-#20, TURQUOISE KRFN
111241	NOZZLE-#21, TURQUOISE KRFN
111242	NOZZLE-#22, YELLOW KRFN
111243	NOZZLE-#23, YELLOW KRFN
111244	NOZZLE-#24, RED KRFN
111245	NOZZLE-#25, RED KRFN
111246	NOZZLE-#26, WHITE KRFN
111247	NOZZLE-#27, WHITE KRFN
111248	NOZZLE-#28, BLUE KRFN
111249	NOZZLE-#29, BLUE KRFN
111250	NOZZLE-#30, DRK BROWN KRFN
111251	NOZZLE-#31, DRK BROWN KRFN
111252	NOZZLE-#32, ORANGE KRFN
111253	NOZZLE-#33, ORANGE KRFN
111254	NOZZLE-#34, DRK GREEN KRFN
111255	NOZZLE-#35, DRK GREEN KRFN
111256	NOZZLE-#36, PURPLE KRFN
111257	NOZZLE-#37, PURPLE KRFN
111258	NOZZLE-#38, BLACK KRFN
111259	NOZZLE-#39, BLACK KRFN
111260	NOZZLE-#40, DRK TURQ KRFN
111261	NOZZLE-#41, DRK TURQ KRFN
111262	NOZZLE-#42, MUSTARD KRFN
111263	NOZZLE-#43, MUSTARD KRFN
111264	NOZZLE-#44, MAROON KRFN
111265	NOZZLE-#45, MAROON KRFN
111266	NOZZLE-#46, CREAM KRFN
111267	NOZZLE-#47, CREAM KRFN
111268	NOZZLE-#48, DARK BLUE KRFN
111269	NOZZLE-#49, DARK BLUE KRFN
111270	NOZZLE-#50, COPPER KRFN
111271	NOZZLE-#51, COPPER KRFN
111272	NOZZLE-#52, GOLD KRFN



WATER APPLICATION

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Contact Your Local Reinke Dealer to Order

PRESSURE REGULATORS

Nelson Pressure Regulators

Nelson Universal Flow Pressure Regulators

0.5-0.8 Gallons Per Minute

- 113823 - #6 Regulator LF Blue FxF 3/4"
- 113846 - #6 Regulator LF Blue FxST 3/4"

0.5-10 Gallons Per Minute

- 113824 - #10 Regulator LF Blue FxF 3/4"
- 113847 - #10 Regulator LF Blue FxST 3/4"

0.5-12 Gallons Per Minute

- 113826 - #15 Regulator LF Blue FxF 3/4"
- 113848 - #15 Regulator LF Blue FxST 3/4"
- 113827 - #20 Regulator LF Blue FxF 3/4"
- 113849 - #20 Regulator LF Blue FxST 3/4"
- 113831 - #25 Regulator LF Blue FxF 3/4"
- 113850 - #25 Regulator LF Blue FxST 3/4"
- 113830 - #30 Regulator LF Blue FxF 3/4"
- 113850 - #30 Regulator LF Blue FxST 3/4"

Nelson Hi-Flo Pressure Regulators

4-16 Gallons Per Minute

- 113828 - #6 Regulator Hi-Flo FxF 3/4"
- 113852 - #6 Regulator Hi-Flo FxST 3/4"
- 113829 - #10 Regulator Hi-Flo FxF 3/4"
- 113853 - #10 Regulator Hi-Flo FxST 3/4"



Nelson Hi-Flo Pressure Regulators

2-20 Gallons Per Minute

- 113834 - #15 Regulator Hi-Flo FxF 3/4"
- 113854 - #15 Regulator Hi-Flo FxST 3/4"
- 113837 - #20 Regulator Hi-Flo FxF 3/4"
- 113855 - #20 Regulator Hi-Flo FxST 3/4"
- 113835 - #25 Regulator Hi-Flo FxF 3/4"
- 113856 - #25 Regulator Hi-Flo FxST 3/4"
- 113836 - #30 Regulator Hi-Flo FxF 3/4"
- 113857 - #30 Regulator Hi-Flo FxST 3/4"
- 113838 - #40 Regulator Hi-Flo FxF 3/4"



Senninger Pressure Regulators

Senninger Low Flow Pressure Regulators

0.5-5 Gallons Per Minute

- 111640 - #6 Regulator PRL Low Flow 3/4" F
- 111641 - #10 Regulator PRL Low Flow 3/4" F

0.1-8 Gallons Per Minute

- 111642 - #15 Regulator PRL Low Flow 3/4" F
- 111643 - #20 Regulator PRL Low Flow 3/4" F

Pressure Master Medium Flow Pressure Regulators

4-16 Gallons Per Minute

- 111820 - #6 Regulator Medium Flow 3/4" F
- 111822 - #10 Regulator Medium Flow 3/4" F

2-20 Gallons Per Minute

- 111824 - #15 Regulator Medium Flow 3/4" F
- 111800 - #20 Regulator Medium Flow 3/4" F
- 111788 - #25 Regulator Medium Flow 3/4" F
- 111789 - #30 Regulator Medium Flow 3/4" F
- 111792 - #40 Regulator Medium Flow 3/4" F



Pivot Special Regulator Pressure Regulators

0.5-15 Gallons Per Minute

- 111810 - #6 Regulator Pivot Special 3/4" F
- 111811 - #10 Regulator Pivot Special 3/4" F
- 111812 - #15 Regulator Pivot Special 3/4" F
- 111813 - #20 Regulator Pivot Special 3/4" F



PRESSURE GAUGES



Reinke Water Pressure Gauge Options

111719 - 0-30 Water Pressure Gauge
111730-1 - 0-60 Water Pressure Gauge
111704-1 - 0-100 Water Pressure Gauge
111721 - 0-200 Water Pressure Gauge



Reinke Water Pressure Gauge with Fittings Options

141719 - 0-30 Water Pressure Gauge with Fittings
141730 - 0-60 Water Pressure Gauge with Fittings
141704 - 0-100 Water Pressure Gauge with Fittings
141721 - 0-200 Water Pressure Gauge with Fittings



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BOOMBACKS

Span Mounted Boom Backs

Span Mounted Boom Backs

Boom Backs extend the reach of drops by placing applicators farther from overhangs and towers. This helps reduce wheel rutting, runoff and surface soil compaction. By widening the wetted area, boom backs also give water more time to infiltrate the soil and help lower the sprinkler's application intensity.

KEY FEATURES

- Lightweight but sturdy design
- Galvanized, stainless steel and aluminum components combat corrosion
- Components are precut, pre-drilled and pack aged with step-by-step instructions – installs using readily available tools
- The complete boom is level with the top of the mainline, keeping the structure clear of high profile crops like corn and sugar cane



Span Mounted Boomback Options

141841 - Boom Back with 3" Clamp
141842 - Boom Back with 4 1/2" Clamp
141843 - Boom Back with 6" Clamp
141844 - Boom Back with 6 5/8" Clamp
141845 - Boom Back with 8" Clamp
141848 - Boom Back with 8 5/8" Clamp
141846 - Boom Back with 10" Clamp

141834 - 14' Boom Back with 3" Clamp
141835 - 14' Boom Back with 4 1/2" Clamp
141836 - 14' Boom Back with 6" Clamp
141837 - 14' Boom Back with 6 5/8" Clamp
141838 - 14' Boom Back with 8" Clamp
141847 - 14' Boom Back with 8 5/8" Clamp
141839 - 14' Boom Back with 10" Clamp

Tower Mounted Boom Backs

Tower Mounted Boom Backs

Boom Backs extend the reach of drops by placing applicators farther from overhangs and towers. This helps reduce wheel rutting, runoff and surface soil compaction. By widening the wetted area, boom backs also give water more time to infiltrate the soil and help lower the sprinkler's application intensity.

KEY FEATURES

- Lightweight but sturdy design
- Components are precut, pre-drilled and pack aged with step-by-step instructions – installs using readily available tools



Tower Mounted Boomback Options

161710 - PVC Retro Tower Leg Boom Back
161715 - PVC A4 Retro Tower Leg Boom Back
161712 - Galvanized Retro Tower Leg Boom Back
161716 - Galvanized A4 Retro Tower Leg Boom Back

MOUNTING HARDWARE



Goosenecks & U-Pipe

113809 - MxHB PVC Gooseneck
113810 - MxF PVC Gooseneck
113710 - MxM PVC Gooseneck
8099 - 3/4" MxM Galvanized U-Pipe
8100 - 3/4" MxF Galvanized U-Pipe
8101 - 3/4" MxHB Galvanized U-Pipe



PVC Fittings

8266 - 3/4" MxHB
8267 - 3/4" HBxHB
8280 - 3/4" FxF
8281 - 3/4" Close Nipple
8309 - 3/4" FxFxF Tee
8327 - 3/4" FxHB



Furrow Arms

8185 - 20" MxHB Galvanized
8187 - 12" MxHB Galvanized
8189 - 12" MxF Galvanized
8314 - 12" MxHB PVC
8198 - 12" MxM Aluminum



Galvanized Steel Fittings

8011 - 3/4" x 1" Bushing
8021 - 3/4" FxF Coupling
8030 - 3/4" Close Nipple
8177 - 3/4" x 2.5" Nipple
8051 - 3/4" x 4" Nipple
8190 - 3/4" x 10" Nipple



Hose

111172 - 3/4" 250' Roll PVC Hose
111172B - 3/4" 250' Roll Blue PVC Hose



Ball Valves

8502 - 3/4" FxF Brass Valve
8508 - 3/4" MxF Plastic Valve



Clamps/Tools

2511 - 1" Screw Clamp
2534 - 1 1/2" Screw Clamp
2519 1 1/16" Oetiker Clamp
117519 - Oetiker Crimp Tool

Drag Sock

8505 - Hose Drag Sock



Drop Weights

110185 - #2 30" Black Plastic Slip
110186 - #2 3/4" FxF 24" Black Plastic Slip
111978 - 3/4" MxHB 18" Galvanized
111989 - 3/4" MxHB 24" Galvanized
111990 - 3/4" MxM 18" Galvanized
111991 - 3/4" MxM 24" Galvanized

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SPRINKLER DROPS

Galvanized Drops

111992 - 48" MxM 3/4" NPT
111993 - 54" MxM 3/4" NPT
111977 - 60" MxM 3/4" NPT
111981 - 66" MxM 3/4" NPT
111980 - 72" MxM 3/4" NPT
111979 - 78" MxM 3/4" NPT
111958 - 84" MxM 3/4" NPT
112004 - 90" MxM 3/4" NPT
112005 - 96" MxM 3/4" NPT

Black Plastic Drops

143869 - 24" MxM 3/4" NPT
143870 - 36" MxM 3/4" NPT
143871 - 42" MxM 3/4" NPT
143872 - 48" MxM 3/4" NPT
143873 - 54" MxM 3/4" NPT
143874 - 60" MxM 3/4" NPT
143875 - 66" MxM 3/4" NPT
143876 - 72" MxM 3/4" NPT
143877 - 78" MxM 3/4" NPT
143878 - 84" MxM 3/4" NPT
143879 - 90" MxM 3/4" NPT
143880 - 96" MxM 3/4" NPT
143881 - 102" MxM 3/4" NPT
143882 - 108" MxM 3/4" NPT
143884 - 114" MxM 3/4" NPT
143885 - 120" MxM 3/4" NPT
143883 - 126" MxM 3/4" NPT

PVC/Hose Combo Drops

113993 - 54" MxM 3/4" NPT
113994 - 60" MxM 3/4" NPT
113995 - 66" MxM 3/4" NPT
113996 - 72" MxM 3/4" NPT
113997 - 78" MxM 3/4" NPT
113998 - 84" MxM 3/4" NPT
113999 - 90" MxM 3/4" NPT
114000 - 96" MxM 3/4" NPT
114001 - 102" MxM 3/4" NPT
114002 - 108" MxM 3/4" NPT
114003 - 114" MxM 3/4" NPT
114004 - 120" MxM 3/4" NPT
114005 - 126" MxM 3/4" NPT
114006 - 132" MxM 3/4" NPT

PVC/Hose Combo Drops (cont'd.)

114007 - 138" MxM 3/4" NPT
114008 - 144" MxM 3/4" NPT
114009 - 150" MxM 3/4" NPT
114010 - 42" MxM 3/4" NPT
114011 - 48" MxM 3/4" NPT

PVC Drops

113811 - 42" MxM 3/4" NPT
113812 - 48" MxM 3/4" NPT
113813 - 54" MxM 3/4" NPT
113814 - 60" MxM 3/4" NPT
113815 - 66" MxM 3/4" NPT
113816 - 72" MxM 3/4" NPT
113817 - 78" MxM 3/4" NPT
113818 - 84" MxM 3/4" NPT
113819 - 90" MxM 3/4" NPT
113820 - 96" MxM 3/4" NPT
113821 - 102" MxM 3/4" NPT
113822 - 108" MxM 3/4" NPT

Combo Hose/Tube Drops

143891 - 42" MxM 3/4" NPT
143892 - 48" MxM 3/4" NPT
143893 - 54" MxM 3/4" NPT
143894 - 60" MxM 3/4" NPT
143895 - 66" MxM 3/4" NPT
143896 - 72" MxM 3/4" NPT
143897 - 78" MxM 3/4" NPT
143898 - 84" MxM 3/4" NPT
143899 - 90" MxM 3/4" NPT
143900 - 96" MxM 3/4" NPT
143901 - 102" MxM 3/4" NPT
143902 - 108" MxM 3/4" NPT
143903 - 114" MxM 3/4" NPT
143904 - 120" MxM 3/4" NPT
143905 - 126" MxM 3/4" NPT
143910 - 132" MxM 3/4" NPT
143911 - 138" MxM 3/4" NPT
143908 - 144" MxM 3/4" NPT
143909 - 150" MxM 3/4" NPT

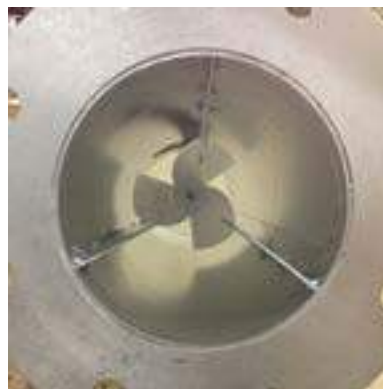
FLOW METERS

McCrometer Flow Meters

353254 - FLOWMETER,6"MCPROP-HRZ
353256 - FLOWMETER,6"MCPROP-HRZ-PULS
353255 - FLOWMETER,6"MCPROP-VRT
353257 - FLOWMETER,6"MCPROP-VRT-PULS



355319 - FLOWMETER,8"MCPROP-HRZ
353407 - FLOWMETER,8"MCPROP-HRZ-PULS
355316 - FLOWMETER,8"MCPROP-VRT
355321 - FLOWMETER,8"MCPROP-VRT-PULS



355320 - FLOWMETER,10"MCPROP-HRZ
353407-10 - FLOWMETER,10"MCPROP-HRZ-PULS
355318 - FLOWMETER,10"MCPROP-VRT
355317 - FLOWMETER,10"MCPROP-VRT-PULS

353252 - FLOWMETER,6"MC MAG 3000
353262 - FLOWMETER,8"MC MAG 3000
353272 - FLOWMETER,10"MC MAG 3000



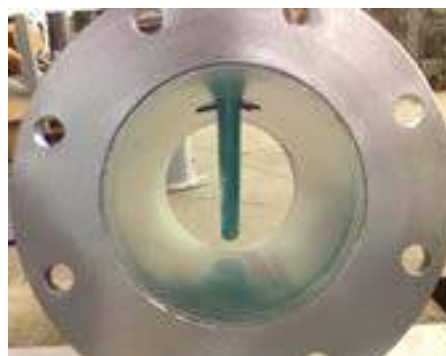
353253 - PULSE CABLE-16'-MCCROMETER

353259 - MCCROMETER 6" FLOW STRAIGHTENR
353269 - MCCROMETER 8" FLOW STRAIGHTENR

Reinke Galvanized Flow Tubes

353265 - FLOW TUBE 8" X 14" MCRMTR MAG
353266 - FLOW TUBE 8" x 14" MCRMTR PROP
353267 - FLOW TUBE 8" x 34" W/VANES
353268 - FLOW TUBE 8" FOR FS100

353283 - SHORT 8" RISER PIPE - FLOW METER
353284 - LONG 8" RISER PIPE - FLOW METER



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RETAIL PACKAGED PARTS

Part Number	Description
8502-1	VALVE-BALL 3/4 IN - BRASS
111964-1	SPRINKLER-2014 SENN
112644-10	CAM-LIMIT MOLDED TWR BOX
112645-3	CAP-CAMSHAFT MOLDED TWR BOX
112625-10	CAM-ALIGNMENT F GAP TOWER BOX
C12561L-4	SWITCH-MICRO CAM SHORT ARM
112753-1	STROBE-120VOLT SCREW IN SOCKET
112753-B-1	STROBE-SCREW IN SOCKET#485B
112753-R-1	STROBE-SCR IN SCKT-RED-485S-R
112752-1	LMP-XENON STROBE-REPLCMNT BULB
112753-A-1	STROBE-SCREW IN SOCKET#485A
112753-G-1	STROBE-SCREW IN SOCKET#485G
113786-1	SPRINKLER-F44AAB NEL #8718
113868-2	CAP/BODY-ASY PC S3000 9926-001
112746-1	END-GUN MICRO LMT SW.#LSQ300
113869-2	CAP/BODY-ASY PC D3000 9894-001
111704-1	GAUGE-WATER PRES 0 100#
110880-10	FUSE-20A, UL CC, TIME-DELAY
111961-1	SPRINKLER-4006 1-3/4M PM SENN
112976-1	SWITCH-BPPRFURNS#69WR3W2AZ1510
112750-1	#LSAIA MICRO SW. - A/STOP
C12562L-4	SWITCH-SHORT ARM CAM W/SIDE T
C12772Z-10	FUSE-5AMP NLN
C12773Z-10	FUSES-FLQ 500V 3 & 2/10 AMP
C13334Z-1	RELAY-9 BLADE-ICE CUBE 120VAC
C13336VL-1	RELAY-8 BLADE ICE CUBE 12VDC
C13335V-1	RELAY-6 BLADE-ICE CUBE 110VDC
C12563VZL-1	SWITCH-MICRO-PLUNGER ROLLER
C12588V-1	TIMER-OVERWATERING
C12973V-1	SWITCH-PRESSURE 90 PSI(ENCLSD)
C12975Z-1	SWITCH-PRESSURE 90PSI (OPEN)
C12974Z-1	SWITCH-PRESSURE 15PSI (OPEN)
113044-10	FUSE-#FLQ 25 AMP-LITTLEFUSE
112789-2	FUSE-#FLSR 45 AMP LITTLEFUSE
113049-10	FUSE #BLF 1-1/2 AMP LITTLE
111730-1	GAUGE-WATER PRES 0 60#
112775-2	BLOCK-6M30A2SP MARA FUSE
113048-5	FUSE-#31202.5 2-1/2 AMP LITTLE
112797-1	#LSZ54N SW. ARM-13.5"
112569-4	#BZ-2RW8225531-A2-S MIC.SW.W/R
111685-2	SEAL-DUST WHEEL G
113064-5	FUSE-#313005 - 5 AMP - LITTLE
113059-10	FUSE-20 AMP-FLQ-LITTLEFUSE
113370-10	FUSE 4A SLO BLOW 2AG
113052-5	FUSE-#312.250 1/4 AMP-LITTLE

IMPORTANT INFORMATION

Area of a Circle
 $\text{Area} = \text{Radius}^2 \times 3.1416$

Circumference of a Circle
 $\text{Circumference} = \text{Diameter} \times 3.1416$

Covered Acreage with End Gun*

$$\frac{(L + E)^2 \times 3.1416}{43,560}$$

L = Pivot Length in Feet
 E = End Gun Radius in Feet
 *With End Gun Operating Continuously

Time for A Full Rotation of Pivot

$$\frac{2L \times 3.1416}{S \times 60}$$

L = Distance to The Last Wheel Track in Feet
 S = Tower Speed in Feet/Minute

**Approximate Percentage
 Timer Setting**

$$\frac{\text{Hours of Full Rotation @ 100\%}}{T \times A}$$

T = Time for 1" Application in Hours
 A = Application Required in Inches

Brake Horsepower Required

$$\frac{\text{GPM} \times \text{TDH}}{3960 \times \text{EFF}}$$

GPM = Flow required (Gallons/Min)
 TDH = Total Dynamic Head in Feet
 EFF = Pump Efficiency in Decimal Form

Flow

Convert	Into	Multiply By:
Acre-Inch/Hour	Gallons/Minute	452.6
Acre-Inch	Gallons	27,154
Cubic Feet	Gallons	7.481
Cubic Feet/Second	Gallons/Minute	448.831
Cubic Meters	Gallons	264.2
Cubic Meters/Hour	Gallons/Minute	4.403
Liters	Gallons	0.264
Liters/Second	Gallons/Minute	15.852
Liters/Second	Cubic Meters/Hour	3.598
Gallons	Liters	3.785
Gallons/Minute	Cubic Meters/Hour	0.227
Gallons/Minute	Liters/Second	0.063

Area/Linear

Convert	Into	Multiply By:
Acres	Square Feet	43,560
Centimeters	Inches	0.394
Meters	Feet	3.281
Miles	Kilometers	1.609
Miles	Feet	5,280

Pressure

Convert	Into	Multiply By:
Atmospheres	Pounds/Inch ²	14.70
Bars	Pounds/Inch ²	14.50
Feet of Water	Pounds/Inch ²	0.434
Gallons of Water	Pounds	8.33
Pounds/Inch ²	Atmospheres	0.068
Pounds/Inch ²	Bars	0.069
Pounds/Inch ²	Feet of Water	2.307

Power

Convert	Into	Multiply By:
Horsepower	Kilowatts	0.746
Kilowatts	Horsepower	1.341

Average Application Rate

$$\frac{Q \times 96.3}{SS \times W}$$

Total is in Inches/Hour
 Q = Flow from One Sprinkler
 SS = Average Sprinkler Spacing
 W = Wetted Band Perpendicular to the System

Depth of Water Applied

$$\frac{30.64 \times Q \times \text{HPR}}{(PL = \text{EGR})^2}$$

Q = Flow Rate in Gallons Per Minute
 HPR = Hours Per Revolution
 PL = Pivot Length in Feet
 EGR = End Gun Radius in Feet

Time for 1" Application

$$\frac{452.6 \times \text{Acres}}{\text{Gallons Per Minute}}$$

Friction Loss for 100' of Pipe (Hazen-Williams)

$$\frac{6.05 \times Q^{1.85}}{C^{1.85} \times D^{4.87}}$$

Q = Quantity Rate of Flow (GPM)
 D = Inside Diameter of the Pipe
 C = Friction Coefficient
 PVC = 150
 Aluminum w/Couplers = 145
 Galvanized Steel = 120
 Cast Iron = 100



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