

GOLF SUPPLIES CATALOG

Hunter Golf / Rotors / Nozzles / Controllers
Command Center / Pipe / Drainage
Lighting / Tools / Pond Solutions
Snow & Ice Removal / Pump Stations
Flags / Golf Accessories



AUTOMATIC SUPPLY

Outdoor Living | Lighting | Irrigation

800.842.3911 | www.AskAutomatic.com

GOLF SUPPLIES CATALOG

TABLE OF CONTENTS

GOLF SERVICES	4	PIPE REPAIR	16
ABOUT HUNTER GOLF	5	GOLF TOOLS	17
ROTORS	6	HOSE & HOSE NOZZLES.....	20
NOZZLES.....	8	DRAINAGE	21
PILOT NETWORK	10	OUTDOOR LIGHTING.....	22
INTEGRATED HUB	12	POND SOLUTIONS	24
FIELD CONTROLLER.....	13	SNOW & ICE REMOVAL.....	26
GOLF ACCESSORIES.....	14	PUMP STATIONS.....	27




WHY PROFESSIONALS CHOOSE AUTOMATIC SUPPLY FIRST... AND YOU SHOULD TOO.

Automatic Supply, formerly Automatic Irrigation Supply, is a wholesale distributor of irrigation and landscape products throughout Indiana and Western Kentucky. With corporate headquarters located just outside of Indianapolis, we provide contractors and golf courses with the products they need for quality irrigation, outdoor lighting, water feature and landscape installations.

We work to support quality installation practices by supplying only the highest quality professional products, including Hunter irrigation products, Kichler, FX Luminaire and WAC landscape lighting products, and Aquascape water feature products. Our superior technical service, product support and our extensive contractor training program give our customers the tools they need to create reliable, sustainable landscapes.

**It's no wonder why so many professionals make Automatic Supply their distributor of choice.
Enjoy the Automatic Supply difference.**



***“ Our role is to provide the products and technical expertise necessary to ensure a successful installation.
It's a responsibility we take very seriously. ”***

*- Steve Christie, President
Automatic Supply*

GOLF SERVICES

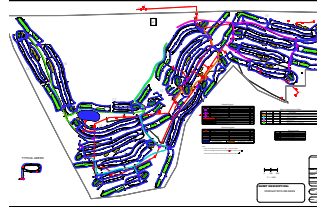
SOLUTIONS FOR YOUR GOLF COURSE

Automatic Supply has been the Midwest's premier golf irrigation distributor for over three decades. With over 75 years of combined experience between our golf specialists, we are more than just a supplier of your golf products - we are your golf partners.



CENTRAL CONTROL TRAINING

We have extensive knowledge of irrigation control systems and can help train you on how to use these most efficiently on your golf course.



GOLF GPS MAPPING SERVICES

We can help you map out your system - whether it's your irrigation system, drainage system, etc. We customize this service for you.



WATER AUDITING

Testing the efficiency of your irrigation system through water auditing can be an overwhelming task - but we are here to help. We will help you test your system and identify areas in your system that can be enhanced to provide the best and most efficient watering.



BOARD LEVEL REPAIRS

We can repair boards and components for your irrigation field satellites.



DELIVERY AND ON-SITE SERVICE

We know how important it is to have your product when you need it, which is why we offer on-site delivery. With our service truck, we also offer on-site service so that we can help repair any issues that you're having.



ONLINE ORDERING

With our desktop and mobile app, you can place an order anywhere and at any time. Save your favorite products, review past orders, and more. You can place orders on your phone, tablet, or computer.



PUMP STATION SERVICE, RETRO-FITTING, AND PREVENTATIVE MAINTENANCE

You will not find anyone else better trained or more knowledgeable on pumps than our Pump Service Technician. We can help service your current pumps, help you retrofit an old one, replace an old one or anything in between.

ABOUT HUNTER GOLF

Automatic Supply is the exclusive distributor of Hunter Industries Golf products throughout Indiana and Western Kentucky. Founded in 1981, Hunter Industries is a family-owned, global manufacturer of best-in-class solutions for residential, commercial, municipal, agricultural, and golf course irrigation systems, as well as the outdoor lighting industry. Headed by CEO Greg Hunter, their Global Operations team provides leadership for the entire company.



Hunter has been on the leading edge of golf course irrigation for more than three decades. They build performance, reliability, and serviceability into every product. From their industry-best rotors to their robust Pilot® irrigation control system, they take pride in providing golf experts and professionals with the tools and support they need to conceptualize, create, and manage world-class golf courses.



From rotors and valves to weather sensors and smart controllers, Hunter's philosophy is to produce products that allow landscape professionals to create optimal functionality and ambience while promoting sustainable resource use. They are committed to pushing the boundaries of technology and customer experience in every product and project they undertake.



The core mission of Hunter Industries will always remain the same: **to deliver value products and services backed by unwavering customer support, grow the company conscientiously, and remain true to the culture that makes employees proud to work at Hunter.**

Hunter®

TTS-800 SERIES ROTORS

ROTOR SOLUTIONS

Patented TTS technology allows for every serviceable element of the rotor to be accessed through the top. Mechanical and electrical, big and small, you can get to every component without disturbing the playing surface. That means there's no more digging, no more unsightly scars, and more importantly, one less item on a busy superintendent's schedule.



TTS-800

Radius: 49' to 97'
Flow: 14.2 to 58.5 GPM
Pressure: 50 to 100 PSI



TTS-884

Radius: 49' to 97'
Flow: 14.2 to 58.5 GPM
Pressure: 50 to 100 PSI



TTS-885

Radius: 37' to 94'
Flow: 8.9 to 59.6 GPM
Pressure: 50 to 100 PSI

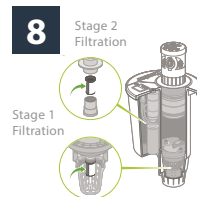
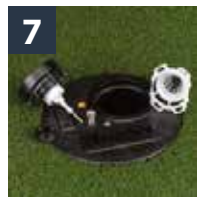


TTS-835

Radius: 18' to 50'
Flow: 1.9 to 12.8 GPM
Pressure: 40 to 65 PSI

ADVANCED FEATURES

- 1 Access Everything Through the Top
- 2 Largest Flange Compartment in the Industry
- 3 Easy Access and Servicing of Solenoid and Pressure Regulators
- 4 Single-Point Fast-Access to Flange Compartment
- 5 Large and Flexible Yardage Marker Capabilities
- 6 Unitized Inlet Valve Design Includes Serviceable Components
- 7 Exclusive Inlet Valve Includes Self-Cleaning Capabilities
- 8 Two-Stage Serviceable Filtration in Valve Circuitry
- 9 Heavy-Duty Flanged and Ribbed Body Design
- 10 Three Cable Entry Ports at Base of Flange Compartment
- 11 Low-Bounce Rubber Cover Kit
- 12 No-Bounce Turf Cup Kit



Additional products and options are available. Contact your local Automatic Representative for more information.

G-800 & B SERIES ROTORS

ROTOR SOLUTIONS

G800 Series are reliable and efficient mid-range performers that provide unsurpassed distribution with a wide range of flow and radius capabilities. They are available in an array of TTS and DIH configurations. The B Series rotors are for the customer on a budget, and they provide all the standard features you want for mid-distance coverage.



G-880

*Model: Full-Circle
Radius: 67' to 88'
Flow: 22.5 to 57.9 GPM
Pressure: 65 to 100 PSI*



G-884

*Model: Full-Circle
Radius: 49' to 93'
Flow: 14.4 to 58.3 GPM
Pressure: 50 to 100 PSI*



G-885

*Model: Full-Circle / Part-Circle
Radius: 43' to 91'
Flow: 8.2 to 57.5 GPM
Pressure: 50 to 100 PSI*



G-835

*Model: Full-Circle / Part-Circle
Radius: 18' to 50'
Flow: 1.9 to 12.8 GPM
Pressure: 40 to 65 PSI*



G-80B

*Model: Full-Circle
Radius: 67' to 88'
Flow: 22.5 to 57.9 GPM
Pressure: 65 to 100 PSI*



G-84B

*Model: Full-Circle
Radius: 49' to 93'
Flow: 14.4 to 58.3 GPM
Pressure: 50 to 100 PSI*



G-85B

*Model: Full-Circle / Part-Circle
Radius: 43' to 91'
Flow: 8.2 to 57.5 GPM
Pressure: 65 to 100 PSI*



UNIFORMITY YOU CAN COUNT ON.

ROTOR NOZZLES

ROTOR SOLUTIONS

The nozzle performance data and nozzles below will apply to models TTS-880, TTS-884, G-880, G-884, G-80B, and G-84B.

NOZZLE PERFORMANCE DATA

Nozzle Set		Pressure PSI	Radius ft.	Flow GPM	Precip in/hr ■ ▲	
● Tan 803611	15 White	50	49	14.2	0.57	0.66
		60	51	15.7	0.58	0.67
		65	52	16.4	0.58	0.67
		70	53	17.0	0.58	0.67
● 803611	18 Orange	50	56	17.2	0.53	0.61
		60	58	18.8	0.54	0.62
		65	59	19.7	0.54	0.63
		70	60	20.0	0.53	0.62
● 803611	20 Brown	50	57	18.4	0.55	0.63
		60	59	20.3	0.56	0.65
		65	61	21.4	0.55	0.64
		70	63	21.6	0.52	0.60
● 803611	23 Green	50	63	21.6	0.52	0.60
		60	65	23.0	0.52	0.61
		65	66	24.0	0.53	0.61
		70	67	24.9	0.53	0.62
● 803611	25 Blue	80	68	26.6	0.55	0.64
		65	71	28.6	0.55	0.63
		70	73	29.7	0.54	0.62
		80	74	31.7	0.56	0.64
● 803611	33 Gray	90	75	33.7	0.58	0.67
		100	77	35.8	0.58	0.67
		65	74	30.9	0.54	0.63
		70	75	32.0	0.55	0.63
● 803611	38 Red	80	77	34.2	0.56	0.64
		90	79	36.2	0.56	0.64
		100	81	38.2	0.56	0.65
		65	77	35.1	0.57	0.66
● 803611	43 Dk. Brown	70	79	36.6	0.56	0.65
		80	82	38.9	0.56	0.64
		90	84	41.3	0.56	0.65
		100	87	43.6	0.55	0.64
● 803611	48 Dk. Green	100	87	43.6	0.55	0.64
		-	-	-	-	-
		70	83	41.3	0.58	0.67
		80	85	43.6	0.58	0.67
● 803610	53 Dk. Blue	90	87	46.3	0.59	0.68
		100	89	48.8	0.59	0.68
		-	-	-	-	-
		70	90	46.9	0.56	0.64
● 803610	53 Dk. Blue	80	92	48.9	0.56	0.64
		90	94	50.5	0.55	0.63
		100	96	53.5	0.56	0.65
		-	-	-	-	-
● 803610	53 Dk. Blue	70	91	49.8	0.58	0.67
		80	93	52.2	0.58	0.67
		90	95	55.5	0.59	0.68
		100	97	58.5	0.60	0.69

● = Nozzle plug P/N 315300 installed in the front side of the nozzle housing.

* Complies to ASAE standard. All precipitation rates calculated for 360° operation. All triangular rates are equilateral.

STANDARD NOZZLES



LOW-ANGLE NOZZLES**



**Low-angle nozzles reduce radius by 15%

The nozzle performance data and nozzles below will apply to models TTS-835 and G-835.

NOZZLE PERFORMANCE DATA

Nozzle	Pressure PSI	Radius ft.	Flow GPM	Precip in/hr ■ ▲	
				2	40
Yellow	50	20	2.1	0.51	0.58
	60	22	2.4	0.48	0.55
	65	23	2.6	0.47	0.55
3	40	23	3.0	0.55	0.63
	50	25	3.2	0.49	0.57
	60	27	3.5	0.46	0.53
Yellow	65	28	3.6	0.44	0.51
	40	25	3.9	0.60	0.69
	50	28	4.1	0.50	0.58
Yellow	60	30	4.4	0.47	0.54
	65	31	4.6	0.46	0.53
	5	40	29	4.7	0.54
50		32	5.0	0.47	0.54
60		33	5.3	0.47	0.54
Yellow	65	35	5.4	0.42	0.49
	40	32	6.0	0.56	0.65
	50	35	6.3	0.50	0.57
Yellow	60	37	6.6	0.46	0.54
	65	39	6.8	0.43	0.50
	8	40	36	7.8	0.58
50		39	8.0	0.51	0.58
60		42	8.3	0.45	0.52
Yellow	65	43	8.5	0.44	0.51
	40	39	9.7	0.61	0.71
	50	43	10.1	0.53	0.61
Yellow	60	45	10.3	0.49	0.57
	65	47	10.5	0.46	0.53
	12	40	44	12.0	0.60
50		47	12.2	0.53	0.61
60		48	12.5	0.52	0.60
Yellow	65	50	12.8	0.49	0.57

* Complies to ASAE standard. All precipitation rates calculated for 360° operation. All triangular rates are equilateral.

STANDARD NOZZLES



Additional products and options are available. Contact your local Automatic Representative for more information.

ROTOR NOZZLES

ROTOR SOLUTIONS

The nozzle performance data and nozzles below will apply to models TTS-885, G-885, and the G-85B.

NOZZLE PERFORMANCE DATA

Nozzle Set			Pressure PSI	Radius ft.	Flow GPM	Precip in/hr ■ ▲	
Orange 803603 ●	10	Dk. Green 315312	50	37	8.9	0.63	0.72
			60	39	9.8	0.62	0.72
			65	41	10.2	0.58	0.67
		Lt. Green	-	-	-	-	-
Orange 803603 ●	13	White 315314	50	47	11.4	0.50	0.57
			60	48	12.3	0.51	0.59
			65	49	12.9	0.52	0.60
		Lt. Blue	-	-	-	-	-
Orange 803603 ●	15	White 315314	50	52	12.9	0.46	0.53
			60	52	14.5	0.52	0.60
			65	53	14.9	0.51	0.59
			70	53	15.5	0.53	0.61
		White	80	54	16.5	0.54	0.63
Orange 803603 ●	18	Lt. Green 315313	50	57	16.6	0.49	0.57
			60	58	17.8	0.51	0.59
			65	59	18.6	0.51	0.59
			70	60	19.4	0.52	0.60
		Orange	80	61	20.5	0.53	0.61
Orange 803603 ●	20	Lt. Green 315313	50	59	17.9	0.49	0.57
			60	61	19.5	0.50	0.58
			65	62	19.8	0.50	0.57
			70	63	20.6	0.50	0.58
	Tan	80	64	22.1	0.52	0.60	
Orange 803603 ●	23	Lt. Green 315313	50	65	20.2	0.46	0.53
			60	66	22.1	0.49	0.56
			65	67	23.9	0.51	0.59
			70	67	24.2	0.52	0.60
	Green	80	69	25.9	0.52	0.60	
Red 803602 ●	25	Green 315310	65	71	28.3	0.54	0.62
			70	72	29.3	0.54	0.63
			80	73	31.5	0.57	0.66
			90	74	33.4	0.59	0.68
	Blue	100	75	35.4	0.61	0.70	
Red 803602 ●	33	Green 315310	65	72	30.6	0.57	0.66
			70	73	31.6	0.57	0.66
			80	75	33.9	0.58	0.67
			90	77	35.8	0.58	0.67
			Gray	100	79	37.9	0.58
Red 803602 ●	38	Green 315310	65	76	34.9	0.58	0.67
			70	78	36.2	0.57	0.66
			80	80	39.1	0.59	0.68
			90	82	41.2	0.59	0.68
	Red	100	84	43.5	0.59	0.69	
Red 803602 ●	43	Green 315310	70	81	41.2	0.60	0.70
			80	83	43.5	0.61	0.70
			90	86	46.2	0.60	0.69
			100	89	48.7	0.59	0.68
	Dk. Brown	-	-	-	-	-	
Dk. Red 803601 ●	48	Dk. Green 315312	70	83	46.3	0.65	0.75
			80	85	48.4	0.64	0.74
			90	89	51.7	0.63	0.73
			100	91	54.5	0.63	0.73
Dk. Red 803601 ●	53	Dk. Green	-	-	-	-	-
			70	87	50.7	0.64	0.74
			80			0.65	0.75

STANDARD NOZZLES

LOW-ANGLE NOZZLES**



**Low-angle nozzles reduce radius by 15%

The G-80 and the G-84/G-85 gear drives share the same primary nozzle sets. Each gear drive has dedicated short and mid-range nozzles that when combined with the primary nozzles create the uniformity you can count on. Choose from a wide assortment of efficient wind-fighting 22.5° standard trajectory nozzles, or 15° low-angle trajectory nozzles.

Either way, there is a perfect match for your unique course conditions and problem-solving needs. Regardless of the version you choose, changing nozzles is fast and easy with Hunter's exclusive QuickChange technology.



PILOT® NETWORK

PILOT COMMAND CENTER SOFTWARE



Pilot Command Center software (CCS) is easy to use and has all the features you need to reliably and automatically water your course. Run times can be adjusted manually or determined automatically using ET. You create watering plans directly in the Command Center — a powerful irrigation planning tool that shows you every sprinkler on the course organized according to your management style.

FEATURES

COMMAND CENTER: The Command Center organizes all the information you need for daily operation in one place.

WATERING STRATEGY: Make today's changes and then pick a time to start watering. Pilot takes care of the rest!

WATER AND WAIT: Is it difficult to water your course without wet and dry spots because your older system has three heads per station? Water and Wait can help. This feature breaks long runtimes into several short watering periods separated by a wait time. The wait time allows water to percolate into the root zone before more is applied.

HYDRAULIC MODEL: Extend the life of your underground pipe network. The hydraulic model ensures water passing from your pump station to each of your sprinklers travels at safe speeds to prevent sudden spikes in pressure.

WATERING WINDOW: Save money on electricity by optimizing your watering window. Pilot's hydraulic model produces water window efficiencies of 90% or better.

ET-BASED SCHEDULING: Add a weather station and Pilot can determine the amount of water required according to local weather conditions.

SYSTEM LIFE: With Pilot CCS, critical irrigation is not dependent upon the availability of a computer or communications link that is subject to a single point of failure. Pilot CCS turns your watering plan into highly efficient instructions then gives them to the Pilot Network, where they are stored in the non-volatile memory of your field equipment. Each controller and hub follows the instructions daily until you send new instructions. If there is a problem with your computer and you are unable to send new instructions, your hubs or controllers will continue watering using the last instructions they received.

REPORTS: Stored reports can also be saved as spreadsheets.

OPERATING SYSTEM: Pilot CCS comes pre-loaded on a compact, display-mounted computer running the latest Windows® operating system. Currently, systems are shipped with 64-bit Microsoft® Windows 10 Pro.

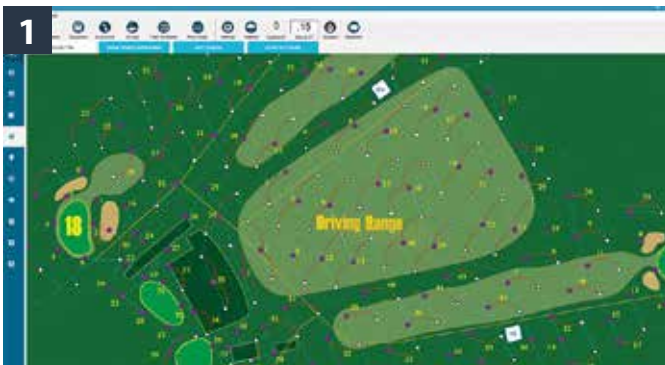
(Microsoft and Windows are trademarks or registered trademarks of Microsoft Corp. in the U.S. and other countries.)

CONTROLLER PROGRAMS: Sometimes you need precise control over exactly which station runs and when, such as when you are germinating seed or winterizing the system. Pilot field controllers and hubs have the best standalone controller programming features in the industry. If you link your field equipment together as part of a Pilot Network, you can view and edit the controller-based schedules from the comfort of your own office.

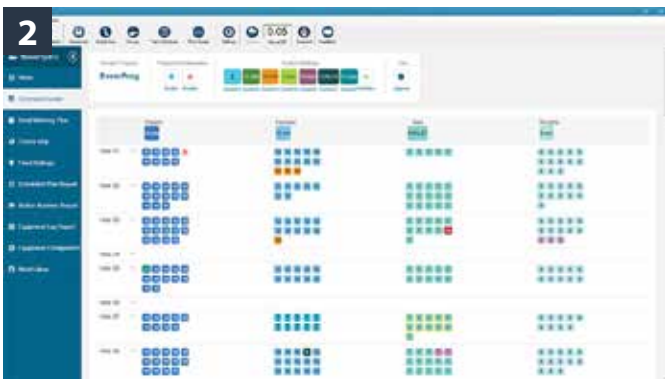
With newly enhanced Pilot Command Center software, Superintendents can create hydraulically safe and efficient daily golf course watering plans **faster than ever before.**

PILOT® NETWORK

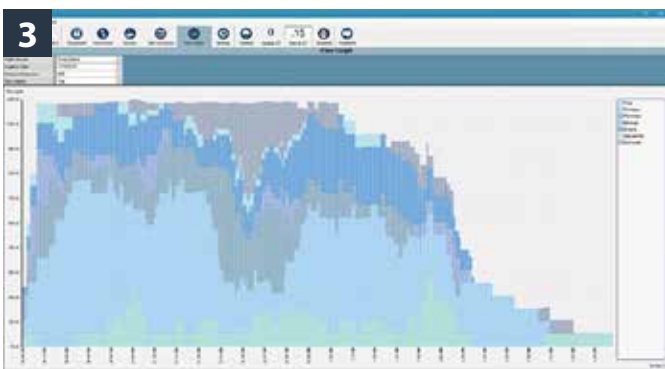
ADVANCED PRODUCT FEATURES



1 **MAPPING:** Improve your understanding of your course by adding an interactive map.



2 **WATERING PLAN:** The watering plan is part of the Command Center. It displays every sprinkler on your course, organized according to your management preference.



3 **HYDRAULIC AND ELECTRICAL MANAGEMENT:** Pilot uses electrical data from your controllers and hydraulic data about pump stations, underground piping, and sprinklers to efficiently balance sprinkler demand while maintaining flow at safe velocities.

SPECIFICATIONS

First-year Pilot CCS packages include a complimentary one-year membership in the Hunter Support Network (HSN) and an uninterruptible power supply

Operating system: 64-bit Windows®

Maximum controllers or hubs: about 1,000

Maximum two-way module stations: about 1 million

Sprinkler run time options: minutes, inches, millimeters, or ET

Hydraulic management: fully customizable down to individual stations

Mapping: interactive and based on scalable vector graphics (SVG)

MODELS

DESCRIPTION

PILOTHSN	⋮	Pilot Command Center Software plus one-year Hunter Support Network (U.S. only)
PILOTCC	⋮	Pilot Command Center Software (international)

First-year Pilot CCS packages include a complimentary one-year membership in the Hunter Support Network and an uninterruptible power supply.

INTEGRATED HUB

PILOT INTEGRATED HUB SYSTEMS



Integrated hub systems are one of the fastest-growing forms of technology in irrigation control. A key advantage over field controller systems is that integrated hub systems use significantly less wire. This means lower costs, faster installation, and easier system diagnosis and repair if needed. Systems can be easily expanded — with minimal digging and disruption of landscaping - by adding more two-way modules (TWMs) instead of running additional wires.

Pilot embraces this cost-efficient approach. Pilot two-way modules are available with 1-, 2-, 4-, and 6-station outputs, making it possible to run each head on an entire green with a single device. In all, TWMs let you operate about 1,000 stations up to 1.5 miles from a single hub.

Pilot two-way modules include built-in surge suppression, color-coded wire connections, true independent station control, programmable station addresses, and two-way feedback to the hub with confirmation and status indication. Pilot-SG surge suppressors are required when the system is designed and installed with golf rotors containing integrated TWMs.

FEATURES

WATER-RESISTANT KEYPAD: The large, illuminated keypad with a backlit display includes convenient function buttons for the most commonly used features. Built in system diagnostics make troubleshooting your system a breeze.

DIAGNOSTIC LED INDICATORS: In addition to control panel indications, diagnostic lights on output modules visually tell you if stations are running, station outputs have overloaded and much, much more.

250-STATION OUTPUT MODULES: Enables your integrated hub system to grow with your course. Start with 250 - grow to 999.

PILOT INTEGRATED HUB SYSTEMS PILOT-DH

MODELS

Pilot-DH250 = 250 Station

Pilot-DH500 = 500-station

Pilot-DH750 = 750-station

Pilot-DH999 = 999-station

STANDARD FEATURES

Plastic pedestal (gray)

COMMUNICATION OPTIONS

HWR = Wired communications

UHF = UHF radio (license required)

LF = 915 MHz spread-spectrum radio (no license needed)

Additional products and options are available. Contact your local Automatic Representative for more information.

FIELD CONTROLLER

PILOT FIELD CONTROLLER SYSTEM



The Pilot field controller manages up to 80 stations in 10-station increments. The full-featured controller has everything you need in a stand-alone field controller.

For a fully automated, flow-optimized system network all your controllers together with Pilot Command Center software. Communication options include wired, UHF radio and license-free radio. Power options include both 120 VAC and 230 VAC. Advanced troubleshooting features like a UHF radio signal strength meter and extensive system and error logging are complimented by Hunter's Safety-Toggle™ station switches.

To make things even easier, the only service tool required is a phillips screwdriver – and you don't even have to bring it with you because we include one with every controller.

PILOT FIELD CONTROLLER SYSTEM PILOT-FI

MODELS

Pilot-FI = Field Interface

STANDARD FEATURES

Plastic wall-mounted cabinet

COMMUNICATION OPTIONS

HWR = Wired Communications

UHF = UHF radio (license required)

LF = 915 M.Hz spread-spectrum radio (no license needed)

PILOT FIELD CONTROLLER SYSTEM PILOT-FC

MODELS

Pilot-FC20 = 20 Station

Pilot-FC30 = 30 Station

Pilot-FC40 = 40 Station

Pilot-FC50 = 50 Station

Pilot-FC60 = 60 Station

Pilot-FC70 = 70 Station

Pilot-FC80 = 80 Station

STANDARD FEATURES

Plastic pedestal (grey)

120/230 VAS 60/50 Hz dual-voltage transformer

COMMUNICATION OPTIONS

S = Standalone field controller with no central communications

HWR = Wired communications

UHF = UHF radio (license required)

LF = 915 MHz spread-spectrum radio (no license needed)

Additional products and options are available. Contact your local Automatic Representative for more information.

GOLF ACCESSORIES

UNDERHILL AND BAYCO PRODUCTS



EASYREACH™ KEY

- A-ERT** Key for Toro and John Deere/ Signature golf sprinklers
- A-ERR** Key for Rain Bird golf sprinklers



TURBOTRIM™ TOOL

- Only trimmer with a forward and reverse drive ratchet mechanism
- TTRT-100** without cutting blade



TURBOTRIM™ CUTTING BLADE

- TTRC-007** 7" cutting blade
- TTRC-008** 8" cutting blade
- TTRC-011** 11" cutting blade



PRO HOLE CUP

- 253AL** Aluminum Pro-Hole Cup
- 253PL** Plastic Pro-Hole Cup



PEST STRIPS

- Keeps bugs and pests out of irrigation controllers
- AMVNUVANX16**



YARDAGE MARKERS

- Mark your rotors with custom sprinkler caps



SUPERKEY XL™

- Multi-Purpose tool for Toro, Rain Bird Sprinklers

A-SKTRB



ALUMINUM CLUB WASHER

- 690G** Club Washer (green)
- 690BK** Club Washer (black)
- 690R** Club Washer (red)
- 690CV** Club Washer (copper vein)



DETERGENT

- Leaves balls clean and no residue

718 Heavy Duty Detergent

718T Soap Tablets



BALL WASHER TOWELS

- Very absorbent and fast drying

731G Cotton Tri-Fold Green (12 per pkg)

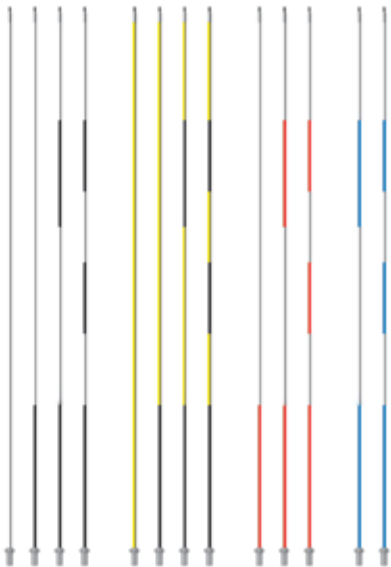
718BK Cotton Tri-Fold Black (12 per pkg)

Additional products and options are available. Contact your local Automatic Representative for more information.

GOLF ACCESSORIES

BAYCO PRODUCTS

1/2" REGULATION POLES



Bayco tournament flagsticks are manufactured to the highest quality and appearance for excellent corrosion resistance and weather-ability. Flagsticks come complete with aluminum bottom ferrule, top ferrule, and acorn nut. Will suit swivel or tube type flags. Choose from smooth, slotted or zinc ferrule.

# OF STRIPES	COLOR COMBINATION	5 FEET	7 FEET	7.5 FEET	8 FEET
0	WHITE	300W-5	300W-7	300W-75	300W-8
1	BLACK/WHITE	-	300BW-71	300BW-751	300BW-81
2	BLACK/WHITE	-	300BW-72	300BW-752	300BW-82
3	BLACK/WHITE	300Y-5	300BW-73	300BW-753	300BW-83
0	YELLOW	-	300Y-7	300Y-7.5	300Y-8
1	BLACK/YELLOW	-	300YB-71	300YB-751	300YB-81
2	BLACK/YELLOW	-	300YB-72	300YB-752	300YB-82
3	BLACK/YELLOW	-	300YB-73	300YB-753	300YB-83
1	RED/WHITE	-	300RW-71	-	-
2	RED/WHITE	-	300RW-72	300RW-752	-
3	RED/WHITE	-	300RW-73	300RW-753	300RW-83
2	BLUE/WHITE	-	300BLW-72	300BLW-752	-
3	BLUE/WHITE	-	-	300BLW-753	300BLW-83



CUSTOM FLAGS

- Unlimited Colors/Combinations
- Dye Sublimation uses solid dyes under heat and pressure to produce photo-lab quality images on fabric. Color is absorbed directly into the material, making it more durable and less vulnerable to fading.
- Choose from Poplin Flags, Dura Flags or Poly Silk Flutter Flags



THREE STRAND BRAIDED ROPE

- 287** Yellow
- 287W** White
- 287HG** Hunter Green
- 287BK** Black
- 287GR/WH** Green and White



1.5" RECYCLED PLASTIC ROPE STAKES

- 289G-15,18,24,30 or 36** Green Rope Stake
- 289R-15,18,24,30 or 36** Red Rope Stake
- 289W-15,18,24,30 or 36** White Rope Stake
- 289B-15,18,24,30 or 36** Blue Rope Stake
- 289Y-15,18,24,30 or 36** Yellow Rope Stake



BUNGEE ROPE

- 400BK** Black
- 400WH/BK** White with Black
- 400YE** Yellow
- 400HG/BK** Hunter Green with White



PIPE REPAIR

PRODUCTS FOR SYSTEM REPAIR



QUICK COUPLERS

Quick Couplers - 3/4" and 1", Keys, Swivels, Locking Cover Key

- 100% interchangeable with Hunter®, Rain Bird®, Toro®, and Buckner®
- Red brass and stainless steel construction
- TuffTop™ thermoplastic locking and non-locking covers
- Optional WingThing™ stabilization and acme key connection
- Stainless steel lug on 1" and 1-1/4" Keys
- Spring Loaded covers with stainless steel springs for positive closing and protection of valve's sealing components



SLIP FIX

- SLP020** 2" Slip Fix
- SLP025** 2.5" Slip Fix
- SLP030** 3" Slip Fix



SCH. 40 GLUE COUPLINGS

- L482020** For 2" Pipe
- L482025** For 2.5" Pipe
- L482030** For 3" Pipe
- L482040** For 4" Pipe
- L482060** For 6" Pipe



PUSH-ON GATE VALVE

- P619RW2** For 2" Pipe
- P619RW212** For 2.5" Pipe
- P619RW3** For 3" Pipe
- P619RW4** For 4" Pipe
- P619RW6** For 6" Pipe



GASKET JOINT REPAIR COUPLING

- 109020** 2"
- 109025** 2.5"
- 109030** 3"
- 109040** 4"
- 109060** 6"



GLUE, GASKET LUBE

- CSTRHMCLVQT12** PVC Cement Qt
- CSTRHMPCPQT12** Clear Primer Qt
- CSTRHPROQT** Gasket Joint Lube Qt



SWING JOINTS

- LSCG330212** 1.5"
- LSCG132212** 1"
- LSCG13S218** For 1" Brass Quick Couplers

*Other sizes and configurations are available.



VALVE BOXES

- VB7RND** 7" Round with lid
- VB10RND** 10" Round with lid
- VBSTD** Rectangle with lid

Additional products and options are available. Contact your local Automatic Representative for more information.

GOLF TOOLS

TOOLS FROM HUNTER



"T"-HANDLE TOOL

319100SP



ARC ADJUSTMENT / RISER HOLD-UP TOOL

- For G85B/G885

382300SP



HAND PUMP

217500SP



VALVE INSERTION / REMOVAL TOOL

- For G-800 Series

604000SP



PILOT GAUGE

280100SP



VALVE INSERTION / REMOVAL TOOL

- For G-900 Series/G90 Series

280500SP



HUNTER WRENCH

172000SP



VALVE AND SNAP RING INSERTION / REMOVAL PLIERS

- For G-900 Series/G90 Series

475600SP



NOZZLE REMOVAL / INSTALLATION TOOL

- For G85B, G885 Short- and Midrange Nozzles

803700SP



SNAP RING REMOVAL TOOL

- All Golf Models

251000SP



RISER PRESSURE GAUGE

- For G-80 (2019), G85 and G85 risers

991200SP

Additional products and options are available. Contact your local Automatic Representative for more information.

GOLF TOOLS

SEYMOUR MIDWEST AND BAYCO



1 KEY UTILITY TOOL 5'

- Kenyon S550 Irrigation Sprinkler Key Utility Tool

85483

2 KEY UTILITY TOOL 4'

- Kenyon S550 Irrigation Sprinkler Key Utility Tool

85482

3 TRENCHING SHOVEL

- Kenyon S550 Irrigation 4" Trenching Shovel

89024

4 ROUND POINT SHOVEL

- Seymour S400 Jobsite Round Point Shovel

49450

5 GARDEN SPADE SHOVEL

- Seymour S500 Industrial Garden Spade Shovel

49454

6 BOW RAKE

- Kenyon S550 Irrigation Bow Rake

42604

7 POLY LEAF RAKE

- Seymour S400 Jobsite Poly Leaf Rake

40882

8 SAND TRAP RAKE HEAD

- Disc Tooth Rake Head

161 16" Head & Hardware Only

9 SAND TRAP RAKE HEAD

- Octagon Rake Head

164BK 21" Head & Hardware Only

151BK 15" Head & Hardware Only

10 SAND TRAP RAKE HEAD

- Lightweight Rake Head

102 21" Head & Hardware Only

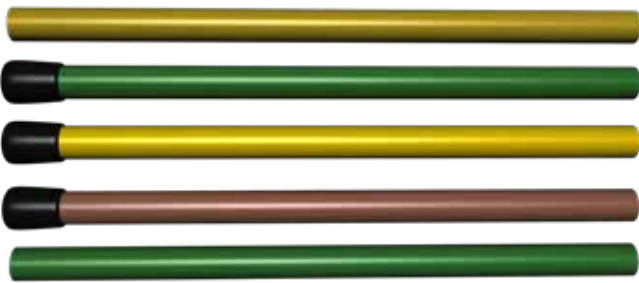
105 15" Head & Hardware Only



Additional products and options are available. Contact your local Automatic Representative for more information.

GOLF TOOLS

BAYCO AND ARMADA



SAND TRAP RAKE HANDLES

- 105** Yellow Wood Handle Only
- 154** 51" Green Fiberglass Handle Only
- 152G-72** 72" Green Fiberglass Handle Only
- 152** 51" Yellow Fiberglass Handle Only
- 152Y-72** 72" Yellow Fiberglass Handle Only
- 154BR** 51" Brown Fiberglass Handle Only
- 154BR-72** 72" Brown Fiberglass Handle Only



BAYCO GUARD FOR RAKE HANDLES

Renew your rake handles the economical way with these rake handle guards.

- | | |
|-----------------------------------|-----------------------------------|
| 140GR125 Green Roll 125ft | 140GR250 Green Roll 250ft |
| 140YE125 Yellow Roll 125ft | 140YE250 Yellow Roll 250ft |
| 140BK125 Black Roll 125ft | 140BK250 Black Roll 250ft |

ARMADA TECHNOLOGIES DIAGNOSTIC TOOLS



PRO900D

Advanced Digital Cable, Wire and Valve Locator

- Three modes of connections for flexibility and safety
- Extended range for the largest irrigation systems
- Adjustable power with dual frequencies for different locating situations
- Power hum rejection for fast and accurate tracking
- Sealed controls and display for durability and reliability



PRO95

Advanced True RMS Milliamp Clamp Meter

- Measures AC line current in milliamps
- Measures AC or DC voltage, AC current, and resistance
- Auto-Ranging measurement



GFL300

Ground Fault Locator

- Locates buried ground faults
- Dual power capability (Hi/Lo)
- Audible "On" beeper
- Battery power indicator
- Custom molded case
- Rechargeable battery

Additional products and options are available. Contact your local Automatic Representative for more information.

HOSE AND HOSE NOZZLES

UNDERHILL AND FLEXTech

It's important to have quality hose and hose nozzles to supplement your irrigation system in the dog days of summer. Keep areas watered easily with our quality products.



TURBO SHIFT

Dual Variable Flow: Delivers light fog and low volume jet stream before shifting to high volume jet stream and fan patterns.

- 12-43 GPM (45-463L/min)
- Nozzles and valves rated at 60 PSI working pressure

NG550DFH75 3/4" inlet

NG550DFH10 1" inlet



MAGNUM™ HOSE NOZZLES

- Solid metal internal
- Multi-pattern sprays
- Ratchet mechanism prevents over-tightening damage
- Fire hose quality nozzle feels great in your hands
- Built for 1" and 3/4" flow rates

NG450



DRAINBLASTER™

High pressure drain cleaning nozzle

- Front jet cuts through blockage
- Rear jets propel nozzle upline
- Two stage flushing action
- Minimum water pressure: 70 PSI
- Heat treated grade 303 Stainless Steel

DN-75 3/4" FHT Inlet

DN-10 1" FHT Inlet



INDUSTRIAL GRADE WATER HOSE ASSEMBLY

ART0500XXYYGMF 1/2" M X F Water Hose Assembly

ARTW0625XXYYMF 5/8" M X F Water Hose Assembly

ARTW0750XXYYMF 3/4" M X F Water Hose Assembly

ART1000XXYYGMF 1" M X F Water Hose Assembly



DRAINAGE

DRAINAGE SOLUTIONS



12" CATCH BASINS

NDS-1200 12"x12" Catch Basin, 2 openings

NDS-1203 12" x 12" Catch Basin, 3 openings

NDS-1204 12" x 12" Catch Basin, 4 openings

NDS-1200BKIT 12" x 12" Catch Basin kit (includes - basin, black grate, 1-outlet, 1-plug)



12" GRATES

NDS-1211 12" Square Grate, Black

NDS-1212 12" Square Grate, Green

NDS-1212S 12" Square Grate, Sand

NDS-1213 12" Square Grate, Cast Iron

NDS-1218 12" Botanical Decorative grate, black



18" CATCH BASINS

NDS-1884 18" One Piece Catch Basin, 4 openings

NDS-1800 18" Expandable Catch Basin, 2 openings

NDS-1804 18" Expandable Catch Basin, 4 openings



18" GRATES

NDS-1811 18" Square Grate, Black

NDS-1812 18" Square Grate, Green

NDS-1813 18" Square Grate, Cast Iron

NDS-1881 18" Atrium Grate, Black



CORRUGATED PIPE

4010100 4" Perforated

4510100 4" Plain (No Holes)

6010100 6" Perforated

6510100 6" Plain (No Holes)

4730100 4" w/sock

6730100 6" w/sock

DTS1020 10" Culvert Pipe



N-12 DUAL WALL PIPE

04110020IBDW Perforated drain tile

04150020IBDW Solid drain tile



CORRUGATED FITTINGS

	4 INCH	6 INCH
INTERNAL COUPLER	DTFC4	DTFC6
COUPLER	0412AA	0612AA
REDUCER NDS-451	0614AA	
TEE	0421AA	0626AA
WYE	0422AA	0622AA
ELL	0490AA	0641AA
PLUG (UNIV)	NDS-1206	NDS-1206
OUTLET (UNIV)	NDS-1243	NDS-1266
END CAP	0432AA	0667AA
NDS-421 Pop-Up Emitter		
NDS-50 6" Round Grate		



EZFLOW FRENCH DRAIN

EZflow is an innovative gravel-free solution to a traditional french drains. It cuts installation time in half by eliminating the need to transport, shovel and move heavy gravel.

EZ-0701F 7" Mesh w/ 3" slotted pipe

EZ-1001F 10" Mesh w/ 4" slotted pipe



OUTDOOR LIGHTING

HOLIDAY LIGHTING



Create a memorable display at your club house with LED lights. Whether you're looking for a year-round patio display in your outdoor gathering spaces or a seasonal display, Automatic Supply has what you need.

UNDERSTANDING LED

- Up to 90% energy savings
- Energy Star rating
- Bulbs are acrylic plastic and virtually unbreakable
- Extremely long bulb life
- Bulbs burn cool, so are cool to touch



WIRE AND ACCESSORIES

Everything you need for a custom installation



LED STRANDS AND BULBS

Retro-fit bulbs or strands for your rooflines, trees, and bushes



PRE-LIT GREENERY

Wreaths, garlands, and sprays for your doors, columns and windows

COMMERCIAL GRADE PATIO LIGHTING



COMMERCIAL GRADE LIGHTING WIRE

- Available in 48' and 100' lengths, bulbs are spaced every 24" to create impressive lighting displays year round
- String across pergolas, shade structures or beams
- Suspended soft edge socket design with 4" drop provide better illumination and weather-tight seal.
- Available in 12-volt or 120-volt



LED S14 CLASSIC "SIGN LAMP" SHAPE BULBS

- Long-life, energy efficient COB LED with 10% the consumption of incandescent
- 1 Watt per bulb
- Bulbs can be used in new installations or in retrofitting an old system
- Available in 12 volt or 120 volt



PRIME PATIO

Additional products and options are available. Contact your local Automatic Representative for more information.

OUTDOOR LIGHTING

LANDSCAPE LIGHTING



To pair with our Hunter Irrigation line, we also offer a full line of FX Luminaire landscape lighting. FX Luminaire is an industry-leading manufacturer of landscape and architectural lighting products. They focus on the advancement of LED technology and digital lighting control with zoning, dimming, and color adjustment capabilities. In addition, they offer a full spectrum of highly efficient lighting fixtures that can be utilized to create elegant landscape lighting systems for a range of golf course applications, from clubhouses to pathways.

LANDSCAPE AND ARCHITECTURAL LIGHTING

FX Luminaire provides industry-leading landscape and architectural lighting solutions with a focus on the advancement of LED technology and digital lighting control with zoning, dimming, and color adjustment capabilities.

DESIGNER AND STANDARD SERIES FIXTURES

FX Luminaire offers a range of classic and contemporary lighting fixtures in all configurations, from up lights and down lights to path lights and specialty lights.

Our fixture classification system is based on material construction, performance, and price. This helps you quickly identify common fixtures and create lighting packages for any project or budget. All FX Luminaire fixtures are made with top-quality materials and backed by the industry's best support team.



LUXOR® CONTROLLER

With Luxor technology, you can liven up your clubhouse, course pathways, or property entryways to complement any occasion with 30,000 colors. Design one-of-a-kind holiday displays, create ambience for weddings, add company colors for corporate events, or simply adjust hues to match vegetation as the seasons change.

With a Luxor system, you can also create up to 250 adjustable lighting groups that can be turned on independently and dimmed from 1–100%.

The Luxor app provides ultimate flexibility and convenience when designing with Luxor lighting systems. With the app, you can adjust fixture intensities and colors, program up to 40 calendar-based themes, and fine-tune your color palette — right from the palm of your hand!

FXLuminaire

Additional products and options are available. Contact your local Automatic Representative for more information.

POND SOLUTIONS

FOUNTAINS AND POND DYE



J SERIES DECORATIVE FOUNTAINS

Kasco J Series Decorative Fountains give you the versatility, performance, and reliability you need. Ranging from 1/2HP to 7.5HP, there is a Kasco J Series Fountain perfect for any size pond or lake. Their corrosion and clog resistant technology offers reliability that is unparalleled by any other outdoor fountain brand. All J Series Fountains come with multiple nozzles that deliver elegant spray patterns.



VFX SERIES AERATING FOUNTAINS

Kasco VFX Series Aerating Fountains set the standard by which all aerating pond fountains are measured. These units deliver both superior oxygenation and aesthetic brilliance, making this a true dual-purpose fountain. As the leader in pond aeration, Kasco's VFX aerating fountains have been designed with their clog-resistant technology to ensure you are buying the most efficient unit on the market. Use the VFX Series in your pond, on the lake, in a landscaped water body, or even in industrial applications to help promote evaporation.



LED LIGHT KITS

Add optional LED lighting for beautiful night effects. Low energy cost. Choice of colored lenses.



POND DYE

Shade and protect your pond from powerful UV rays, while enhancing natural color and beauty with pond dye colorant.

- Airmax offers 4 shades: Nature's Blue, Aqua Blue, Twilight Blue, and Black DyeMond
- Available in liquids, packets, and bacteria enhanced.



Additional products and options are available. Contact your local Automatic Representative for more information.

POND SOLUTIONS

UNDERWATER AERATION



FIVE REASONS TO AERATE

- 1 AERATION REDUCES POND MUCK:** Not only is muck unpleasant to see, but it can also give your pond a bad odor. Aeration combats muck and by increasing the dissolved oxygen and circulating the water, encourages the colonization of beneficial aerobic bacteria that can consume, reduce and prevent muck build-up.
- 2 AERATION IMPROVES WATER QUALITY:** Muck accumulates not only in the bottom of the pond but can also be suspended throughout the water body giving your pond a murky appearance. By reducing muck and excess nutrients, increasing oxygen, and circulating the water, you will improve your water quality and clarity.
- 3 AERATION BOOSTS DISSOLVED OXYGEN:** Without oxygen, your pond will go into an anaerobic state. Anaerobic bacteria are not as efficient at breaking down organic material as their aerobic counterparts and can produce gas, giving the pond a rotten egg smell. Incorporating aeration into the pond increases the amount of dissolved oxygen in the water, keeping your pond functioning as a healthy aerobic system.
- 4 AERATION ELIMINATES THE THERMOCLINE:** Aeration circulates and mixes water to eliminate stratified layers of warmer, surface water and the colder, deeper water, to create an oxygen rich environment throughout your pond.
- 5 AERATION PROTECTS FISH:** Harmful gas is often trapped under ice when your pond freezes or is brought up from your pond's bottom during spring and fall turnover. If enough oxygen is displaced your fish will suffocate. Aeration assists in the release of gas leaving more oxygen available for your fish.



AIRMAX SHALLOW WATER SERIES

- Aeration for ponds up to 1/2 acre, up to 10' deep
- No power is needed at the shore for these 115V systems
- SilentAir™ Linear Diaphragm Compressor reduces noise & vibration to ensure quiet operation
- ProAir™2 Weighted Diffusers incorporates high efficiency, low-maintenance membrane sticks to release tiny oxygen bubbles into the water column



AIRMAX POND SERIES

- Aeration for ponds up to 8 acres, up to 21' deep
- No power is needed at the shore for these 115V systems
- SilentAir™ Linear Diaphragm Compressor reduces noise & vibration to ensure quiet operation
- ProAir™4 Weighted Diffusers incorporates high efficiency, low-maintenance membrane sticks to release tiny oxygen bubbles into the water column

Additional products and options are available. Contact your local Automatic Representative for more information.

SNOW AND ICE REMOVAL

SNOW AND ICE REMOVAL ACCESSORIES



ICE PATROL

- Economical and effective ice melt
- Optimally sized granules for maximum performance
- Ice melt flows freely through commercial spreaders
- Variety of packaging types and sizes available



POLAR ICE MELT

- Safe to handle without protective clothing and doesn't dry out or irritate skin
- Starts melting quickly upon application
- Excellent staying power
- Highly visible blue indicator
- Less harmful to grass, shrubs and concrete



PROSLICER

- Quickly melts ice and snow down to -20°
- Pre-wet deicer means less material and fewer applications
- Vivid purple color is easy to see and won't track or stain
- Safer on skin, sidewalks, leather, metal, plants, and pets when used as directed



SNOW PUSHER

- Strong steel shaft clears even the heaviest load
- Blade features a reinforced full width leading edge
- Tough, high-impact polypropylene for years of dependable service
- 24" blade

80052



BROADCAST SPREADER

- Ergonomically designed handle that adjust from 5'5" to 6'3"
- Impact-resistant, bridge-free hopper allows material to flow freely
- Spyker Dial is industry's most accurate calibration
- AccuWay™ technology ensures an even, balanced spread pattern

SPY801P



SNOWCASTER

- Reduce fatigue, easy on your back - no lifting
- 50% more efficient than traditional snow shovels
- Bi-directional blade
- Proven commercial application
- Assembles in less than 10 minutes

30SNC



DRIVEWAY MARKERS

- Highly visible, colorful and eye-catching
- 48" reflective rod

2162601

Additional products and options are available. Contact your local Automatic Representative for more information.

PUMP STATIONS

SERVICE AND NEW SYSTEMS.



For over 30 years, Watertronics' experienced sales and engineering teams have led the way developing the most efficient and reliable pump stations for the Green Industry, both domestic and international. With thousands of pump stations worldwide, you can trust them as an industry resource for the best solutions in golf irrigation.



FEATURES



MECHANICAL SEALS

Maintenance free requiring no packing adjustments. Reduces shaft wear and eliminates water spray from pump house floor preventing skid and panel corrosion.



GROWSMART® MAGNETIC FLOW METER

2% accuracy for better usage reporting, no moving parts, not affected by debris, local readout with battery pack and space saving installation size



EBV

Complements Variable Frequency Drive (VFD) controls by pressure regulating each across-the-line pump, eliminating surges, check valve slam, air entrainment and providing 100% backup pressure regulation in the event of a VFD fault.



SMARTER PUMP MANAGEMENT. REMOTELY.

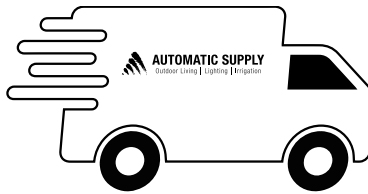
WaterVision® by Watertronics allows you to stay connected and in control when you are away from your pump station. View, manage, diagnose, and make adjustments remotely to your pump systems anytime from your phone, tablet, or computer.

PUMP STATION SERVICE

If you're not looking for a new pump station or it's not in the budget, we spend a lot of time servicing old pump stations. We have extensive knowledge in all types and brands of pump stations and will do whatever we can to fix the pump station you have. Our services include, but are not limited to:

- Troubleshooting and repair
- Preventative maintenance
- Project management for new pump stations
- Pump station assessment
- Retrofit of control systems

Additional products and options are available. Contact your local Automatic Representative for more information.



DIRECT-TO-COURSE DELIVERY IS OUR SPECIALTY

Count on us to get you what you need, when you need it.
Scheduled delivery service throughout Indiana.
Prompt, professional and accurate.
Call now to place your order.

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FORT WAYNE

2204 Reseach Drive, Fort Wayne, IN 46808
Phone 260.490.4900

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647 Sayre Ct. #A, Greenwood, IN 46143
Phone 317.882.6056

INDIANAPOLIS

5232 W 79th Street, Indianapolis, IN 46268
Phone 463.219.0077

NEWBURGH

48778 Old Indiana 261, Newburgh, IN 47630
Phone 812.858.1809



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