

Irrigation Products

SSI-LIST

**LIST PRICE
CALL FOR DISCOUNTS!**



Pro 5500 Series
5500 - Standard

Features

NIR2 feature (Nozzle Insertion/Radius Reduction) on all models eliminates the need to remove the cap for nozzle adjustments. Four interchangeable AcuCover® nozzles--ranging from 0.5 to 2.5 gpm. Ideal for shrubs and ground cover areas, at the base of hillsides where risers are not appropriate and where liability is a concern. Better pattern coverage than turning down a mid-range gear drive. Reliable water-lubricated gear motor. Click-Set® collars are quick and easy to adjust. Continuous 360° rotation or part-circle adjustable 40° to 310° Ratcheting slip clutch protects gears and motor from damage while adjusting turret for part-circle adjustments - wet or dry. Wrench, piston clamp and installation instructions included. Bypass valve reduces pressure loss and standardizes rotation speed regardless of nozzle size.

5 year warranty on materials and workmanship

Specifications

Operating range: 20-65 psi(5500, 5501);
25-65 psi(5505,5512)
Maximum pressure: 75 psi
Discharge: 0.5 to 2.5 gpm
Spray trajectory: 13°
Pop-up height:
4" (5500, 5505)
12" (5512)

Body height:
7-1/2" (5501)
7-3/4" (5500, 5505)
16-7/8" (5512)
Exposed cap diameter: 1-7/8"
Cap diameter: 2-7/8"
Type of cap:
Rubber (5500, 5505, 5512)
Plastic (5501)
Inlet size: 3/4" female (NPT and BSP)
Screen mesh: .010 sq. in./250 micron

Gear Drive Sprinklers

5500	18.02
6000	18.88
6012	41.60
6100	18.88

Impact Sprinklers

6700	19.50
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Spray Head Sprinklers

6300	0.86
6304	2.83
6306	7.83
6312	11.96
7300	1.30

Spray Head Nozzles

15Q	1.53
15H	1.53
15TQ	1.53
15F	1.53
12Q	1.53
12H	1.53
12F	1.53
10Q	1.53
10H	1.53
10F	1.53
10ADJ	1.79
12ADJ	1.79
15ADJ	1.79

Programmable Actuators

8014	172.69
8022	360.36
8024	437.58
8026	566.28

Programmable Actuator Valve Adaptors

77467	21.11
77468	21.11
77516	21.11

Controllers

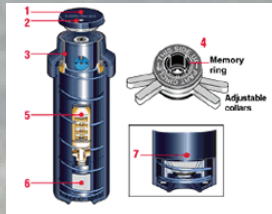
8204	84.42
8206	102.52
8209	126.65
8312	249.68

Valves

7911	29.93
9515NC	78.31
9520NC	106.70



6100



6012

6012

12" High-Pop, heavy-duty spring, anti-drain valve

Features

NIR2 feature (Nozzle Insertion/Radius Reduction) on all models eliminates the need to remove the cap for nozzle adjustments. Eight interchangeable Acu-Cover® nozzles--ranging from 1.0 to 9.5 gpm. Seven optional low-angle nozzles (13°) for windy areas or for throwing under trees. Highly reliable water-driven gear motor (over 200 million gear stacks produced). Pro 6012 pops up a full 12". Ideal for shrubs and ground cover areas, at the base of hillsides where risers are not appropriate and where liability is a concern. Click-Set® collars are quick and easy to adjust. Continuous 360° rotation or part-circle adjustable 40° to 310°. Ratcheting slip clutch protects gears and motor from damage while adjusting turret for part-circle adjustments - wet or dry. Wrench, piston clamp and installation instructions included (Model 6001 has no clamp). Bypass valve reduces pressure loss and standardizes rotation speed regardless of nozzle size.

Optional lavender rubber cover identifies reclaimed water site - molded in - Reclaimed Water - Do Not Drink - in English and Spanish (6090).

5 year warranty on materials and workmanship

Specifications

Operating range:
20-65 psi (6000, 6001)
25-65 psi (6002, 6005, 6012)
Maximum pressure: 75 psi
Discharge: 1.0 to 9.5 gpm
Spray trajectory: 25° (13° optional)
Pop-up height:
4" (6000, 6002, 6005)
12" (6012)

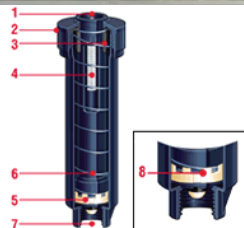
Body height:
7-1/2" (6001)
7-3/8" (6000, 6002, 6005)
16-7/8" (6012)
Exposed cap diameter: 1-7/8"
Cap diameter: 2-7/8"
Type of cap:
rubber (6000, 6002, 6005, 6012) plastic (6001)
Inlet size: 3/4" female (NPT and BSP)
Screen mesh: .045 sq. in./1150 micron

PRO 6300 SERIES - Require Spray Head Nozzles
See Charts

- 6302 - 2-1/2" pop-up
- 6304 - 4" pop-up
- 6306 - 6" pop-up
- 6312 - 12" pop-up

Features

Spray heads accept all standard female thread pop-up spray nozzles. Flush cap helps flush the system and ease nozzle installation. ADV models feature a heavy-duty spring and anti-drain valve to hold back up to a 10-foot elevation difference - ideal for use in sloped areas. Precise spray patterns eliminate wasted water and dry spots. ABS plastic material, used on all pop-up bodies and nozzles, is proven strong and tough in sprinkler applications. Matched precipitation nozzles apply water at the same rate regardless of arc.



6312

6302

6304

6306



**7300
Bubbler**

Irrigation Products

8014/8014SR

DuraLife Valve Actuator - Require Valve Adapters

SSI-LIST



Features

Long life factory installed lithium battery. The 8014 is designed to operate on the factory-installed battery for many years of normal use on a Nelson valve. Actual battery life will depend on the number of cycles run per year, valve size, operating pressure, and temperature. The battery is replaceable and is available as a service part. Nelson exclusive Select&Adjust™ programming makes programming fast and easy. LCD displays clock and programming Timed manual on and off. Length of watering time: 1 minute to 12 hours
6 watering programs available per day. Mist Cycle available on Program 6 Days of the week, Odd/Even, and Interval scheduling. Rain Delay is programmable from 1 to 99 days Fits all Nelson series valves
Leap year compatible-automatically includes February 29th every four years. Waterproof design is submersible in up to 6 feet of water. Two wires on the "SR" version allows any normally open/normally closed sensor to be hooked up to it (switch has to be closed for the 8014 to operate). Sensors can be up to 25 feet away.
Two-year warranty on materials and workmanship



Specifications

Overall dimensions: 5-1/2"H x 3-1/2"D (8014, 8014SR)
Electrical: Factory installed 3.6 V size AA lithium battery (8014, 8014SR, 8015)

8020 Series - Battery Powered Controller

8020 Series - Battery Powered Controller
8022C - 2 zone Controller only
8024C - 4 zone Controller only
8026 - 6 zone Controller only

Overall Dimensions: 4.25"H x 3.25"W
Electrical: 2 Energizer alkaline AA batteries (not included)



Features

Three start times per program (9 total start times). Three independent programs. Stacking start times
Length of programmable watering time (1min to 3hr 59min per zone). Four scheduling options to suit the needs of plant material or to comply with watering restrictions (days of the week, 1-30 day interval, true odd/even).
Leap year compatible-automatically includes February 29th. 0-200% Water Budget programming. Three test cycles (manual open, cycle, and 3min test). Radio ready-available in 2007

Specifications

Can have up to 250ft of 18awg direct burial wire between your solenoid and the 8020 Series Controller (Must use 3M Gel Connectors for splice or your warranty is void).
Operating temperature range 32deg to 120 deg F (0deg to 49deg C)
Operating Pressure 7 to 150psi (0 to 10bars). Powered by 2 Energizer Alkaline batteries
Battery cover screw dimension 3 x 10mm. Water proof up to 6ft of water (1.8m)
*Long battery life
Operates Rainbird™ & Hunter™ DC Latching Solenoids-easy controller replacement!

EZ Pro™ Jr. Indoor Series

8204 (8274) - 4 zone
8206 (8276) - 6 zone
8209 (8279) - 9 zone

Features

Exclusive Select&Adjust™ programming
Stacking start times
Three independent programs
Three start times per program
True calendar clock (Leap year compatible)
Scheduling options: Odd/Even; Interval, 1-30 days; 7-day Calendar; Event Day
Zone run times from 1 minute to 5 hours 59 minutes
Programmable delay between zones, one second to 30 minutes
Quick push button rain sensor bypass
Cycle Test, Manual with ManualAdvance™
Two AA alkaline batteries keep correct time and date for 5 years
Input and output surge protection
1 amp self resetting polyswitch for short-circuit zone protection
2 year warranty on materials and workmanship

WATER MANAGEMENT FEATURES

Event days per program - Blocks any day from irrigating
Water budget option reduces or increases watering 0 to 200 percent
Advanced water budget to set water budget for each month of the year, per program 0 to 200 percent

Specifications

Cabinet: Durable plastic - indoor controller
of zones: 4, 6, 9
Case dimensions: 7"H x 5-5/8"W x 2"D

8204 to 8209 electrical:
INPUT: 120V AC, 60Hz
OUTPUT: 24V AC, .83 Amp
OUTPUT: 24V AC, .83 Amp
Batteries: 2 AA alkaline batteries (not included)

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77468	21.11
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Valves

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Irrigation Products



EZ Pro™ Jr.
8312EXT - 12 zone with external transformerFeatures

Nelson exclusive Select&Adjust™ programming. Lithium battery back-up stores programs without AC power or AA batteries. Stacking start times. Three independent programs
Three start times per program. True calendar clock (Leap year compatible)
Scheduling options: Odd/Even. Interval, 1-30 days. 7-day Calendar. Event Day
Zone run times from 1 minute to 5 hours 59 minutes. NEW! Programmable delay between zones, one second to 30 minutes. NEW! Quick push button rain sensor bypass
Cycle Test, Manual with ManualAdvance™. NEW! Two AA alkaline batteries keep correct time and date for 5 years. Input and output surge protection. 1 amp self resetting polyswitch for short-circuit zone protection. Two Year warranty on materials and workmanship

Specifications
Cabinet: Weather resistant plastic
of zones: 4, 6, 9, 12
Case dimensions: 8"H x 10"W x 4"D
8304 to 8312 electrical:
INPUT: 110/120V AC, 60Hz
OUTPUT: 24V AC, .83 Amp
Batteries: 2 AA alkaline batteries (not included)



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Programmable Actuator

Valve Adaptors

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9520NC	106.70



Pro 7900 Series, 1"

7901, 7916 (BSP) - Manual internal bleed 1" globe
7911, 7917 (BSP) - Manual internal bleed 1" globe with flow control
7931 - Manual internal bleed 1" angle with flow control
7941 - Manual internal bleed 1" angle

Accessory: 7963 115 Volt Replacement Solenoid (includes conduit connection)

Features

Glass-reinforced nylon prevents leaks and breaks. Stainless steel plunger and spring prevent corrosion
Manual internal bleed keeps valve box dry. Fabric-reinforced diaphragm increases durability.
Body and bonnet made of glass reinforced nylon to prevent leaks and breaks. Simple valve configuration and design; few moving parts. Solenoid has stainless steel plunger and spring to prevent corrosion
Manual internal bleed keeps valve box dry. Bayonet-mounted bonnet with captured diaphragm for quick and easy servicing. Fabric reinforced diaphragm for increased durability
Easy-to-use flow control permits manual adjustment of water flow rate (does not apply to models 7901, 7916)
5 year warranty on materials and workmanship

Specifications

Flow range: less than 1 to 30 gpm
Minimum pressure: 10 psi
Maximum pressure: 150 psi
Input: 24V AC
Inrush current: 0.50 amps or less
Holding current: 0.23 amps
Size:
4"L x 2-3/4"W x 5"H (7901, 7911)
3-3/4"L x 2-3/4"W x 5-7/8"H (7931, 7941)



9515/9520 Series 1-1/2" and 2"

Features

Manual internal bleed is easy to operate – just twist the solenoid
Flow Control, standard on all valves, allows adjustment of water flow when needed with a removable knob for additional protection against vandalism. Eight stainless steel 1/2" nuts grip into bonnet for extreme and fluctuating climactic conditions. One-piece fully encapsulated glass filled nylon solenoid with a stainless steel plunger. Plunger is captured with removable retainer for easy cleaning. Manual bleed by rotating solenoid approximately 3/4 of a turn counter clockwise. One piece fabric reinforced diaphragm for increased durability
200 psi rated valve for heavy-duty applications. Glass-filled nylon body with eight molded in brass studs, a stainless steel metering rod and high-grade PVC bonnet. Directly compatible with SoloRain™ series of battery-operated actuators. Five year warranty on materials and workmanship on the valve. Two year warranty on materials and workmanship on the solenoid

Specifications

Flow range:
9515NC/9515BC: 15-150 gpm
9520NC/9520BC: 15-200 gpm
Minimum pressure: 15 PSI
Maximum pressure: 200 PSI
Input: 24 volts
Inrush current: 0.50 amps
Holding current: 0.23 amps
Size:
9515NC/9515BC: 6-3/4"L x 5-1/2"W x 8"H (with plug)
9520NC/9520BC: 6-3/4"L x 5-1/2"W x 8-1/2"H (with plug)



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