

# Magnum™

## SOLID METAL HOSE NOZZLE

Underhill® Magnum™ contains no plastic internal parts to break, stick or wear out. Our unique ratchet mechanism easily adjusts from gentle fan to powerful jet stream and prevents over-tightening damage. Precision-machined, incredibly smooth operation and outstanding distribution patterns make it ideal for high-demand areas like greens and tees. Magnum™ is also an excellent equipment wash-down nozzle.

## features

- Multi-pattern sprays - effortless control with hydraulic assist on/off
- Solid metal internal - no plastic parts to break or wear out
- Ratchet mechanism prevents over-tightening damage
- Ultra-durable construction withstands any abuse
- Fire hose quality nozzle feels great in your hands
- Beautiful, consistent spray patterns for life
- Built for 1" and ¾" flow rates

## specifications

Materials: stainless steel, aluminum, TPR rubber

Flow: 37 GPM at 80 psi

Inlet: ¾" hose thread (1" brass adapter available, see Page 4)



Magnum™ nozzle pictured with 1" brass adapter (sold separately on Page 4)



## solid metal internal body

Won't stick...won't break



fan



jet



soak



# CoolPro™

## COOL WITHOUT OVER WATERING - NO ROOT DAMAGE

A hot summer day can be murder on your greens. Use too much water and you risk damage to the roots. CoolPro™ is the first nozzle specifically designed for the single purpose of lightly misting the turf canopy to cool without over watering. And its 25 foot fogging pattern gets the job done quickly.

## features

- Precision™ nozzle fogs at 70 psi to deliver a 25 ft. pattern with only 4-6 GPM
- ¾" inlet (1" brass adapter available, see Page 4)
- Ergonomic handle/valve provides easy grip and variable on/off control.
- Durable solid metal design: zinc, aircraft aluminum and stainless steel.

Perfect for tournament play, CoolPro™ puts down only enough water to cool the turf canopy. It prevents wilting while maintaining good ball speed. CoolPro is a great tool for protecting grass on hot days without damaging roots.

## ordering

Part # NG450	MAGNUM™ Hose Nozzle
Part # HNC075	CoolPro™ Valve and Nozzle
Part # HNO600	CoolPro™ Nozzle only
Part # CV075L	CoolPro™ Valve only



# Precision™

## SOLID METAL, SPECIFIC TASK HOSE NOZZLES

Underhill® Precision™ nozzles deliver millions of soft, uniform droplets to provide rapid yet surprisingly gentle water application over a huge range of flow rates. From soft watering to powerful drenching, patented Precision nozzles are designed with ideal flow rates and droplet sizes to fully irrigate without disturbing turf, dirt, seeds, etc., providing a precise solution for every hand watering application.



### precision watering for specific tasks



**Rainbow™ TASKS:** Greens, tees, seed beds, transplants, delicate landscaping (15 GPM)



**Rainmaker™ TASKS:** Syringe and spot watering turf and hardy landscaping (23 GPM)



**Cloudburst™ TASKS:** Dry spots, drenching, and wetting agent application (35+ GPM)



**Cyclone™** Pre-game skins watering, heavy watering of large areas, ideal for hydroseeding (50+ GPM)

Note: GPM will vary with pressure at nozzle.

### high-flow valves



**COMPOSITE / STAINLESS STEEL:** ¾" hose thread inlet/outlet, oversized handle, up to 55 GPM



**SOLID BRASS:** ¾" hose thread inlet/outlet, up to 50 GPM

### hose adapters / quick-connectors



### ordering

- Part # HN1500CV Precision™ **Rainbow™** Nozzle Kit
- Part # HN2300CV Precision™ **Rainmaker™** Nozzle Kit
- Part # HN4800CV Precision™ **Cloudburst™** Nozzle Kit
- Part # HN5000CV Precision™ **Cyclone™** Nozzle Kit

Nozzle Kits include brass High Flow Control Valve and ¾"MHT x 1"FHT Adapter.

To order nozzle only: remove "CV" from part number.



- Part # CV075H High-Flow ¾" Valve - Brass
- Part # A-BV77FM High-Flow ¾" Valve - Composite/Steel
- Part # A-BA107FM 1" FHT x ¾" MHT Brass Hose Adapter
- Part # A-BA107MF 1" MHT x ¾" FHT Brass Hose Adapter
- Part # A-BQ7M ¾" Quick-Connect, male end
- Part # A-BQ7F ¾" Quick-Connect, female end
- Part # HN075W replacement washer, ¾" hose



## NEW! DrainBlaster™

### HIGH PRESSURE DRAIN CLEANING NOZZLE

This unique hose-end, high pressure nozzle guides itself in cleaning out drains, to remove debris with ease. Special feature includes a wire attachment connector for using wire locator to determine drain route.

#### features

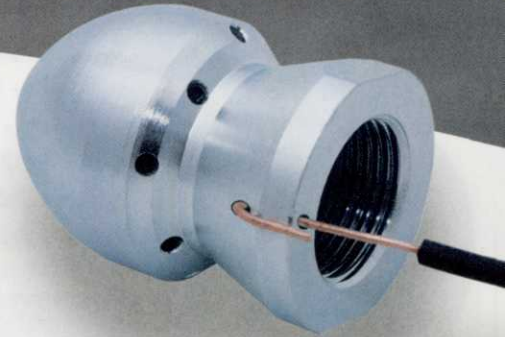
- Front jet cuts through blockage
- Rear jets propel nozzle upline
- Two stage flushing action
- Minimum water pressure: 70 PSI
- Heat treated grade 303 stainless steel for long life



Great for cleaning under sidewalks or cart paths



Ideal for 4"-6" drains and catch basins



Wire attachment connector for mapping drain location under greens, bunkers and other locations using a wire locator.

## NEW! RainPro™

### SOLID METAL SHOWER NOZZLE

A truly revolutionary shower nozzle for soaking turf or other landscapes... featuring an exclusive solid brass nozzle plate for outstanding pattern and special rubber bumper for nozzle protection.

#### features

- Ultra durable construction withstands any abuse
- Beautiful, consistent and uniform spray pattern
- Materials: zinc alloy, brass and TPR rubber
- Flow: 40 GPM @ 80psi (built for 1" and ¾" hose flow rates)
- Nozzle assembly unscrews for easy cleaning



RainPro™ nozzle pictured with 1" brass adapter and ¾" high-flow valve (sold separately on Page 4)



Tough TPR rubber bumper protects nozzle



Excellent for golf greens or other turf and landscape applications

#### ordering

- |               |   |
|---------------|---|
| Part # DN-75  | DrainBlaster™ Drain Cleaner Nozzle – ¾" FHT Inlet |
| Part # DN-10  | DrainBlaster™ Drain Cleaner Nozzle – 1" FHT Inlet |
| Part # SHN-75 | RainPro™ Shower Nozzle – ¾" FHT Inlet             |
| Part # SHN-10 | RainPro™ Shower Nozzle – 1" FHT Inlet             |





# PelletPro™

## APPLICATOR GUN FOR SOLID WETTING AGENT TABLETS

Our heavy-duty surfactant applicator, high-flow valve and Precision™ Cloudburst™ nozzle combo comprises the finest wetting agent gun available. PelletPro™ accepts all wetting agent tablets and provides a high volume, yet soft spray for watering or applying surfactants to tight, hydrophobic soils.

### features

- 35+ GPM to get the job done faster!
- Ultra Heavy-Duty construction: brass fittings, aircraft aluminum, stainless steel, precision engineered glass
- Pellet rotation (1 RPS) evenly dissolves/applies tablets
- Patented Cloudburst™ nozzle delivers large droplets in an outstanding fan pattern



PelletPro™ rotates pellets at one revolution per second (RPS) to evenly dissolve/apply wetting agent



### IN-LINE APPLICATOR OPTION

Connect directly to a water source (quick coupler, HoseTap, etc.) to get the benefits of PelletPro with less handheld weight.



PelletPro's bowl works great as an in-line filter replacement for most spray rigs. Heavy-duty, transparent bowl shows fluid levels, won't crack during winter storage.

### Two products in 1!

PelletPro and LiquidPro's Precision™ Cloudburst™ nozzle and high-flow valve quickly assemble to create a powerful, 35+ GPM syringe nozzle.



# LiquidPro™







## APPLICATOR GUN FOR LIQUID WETTING AGENT

LiquidPro's chemical-resistant, UV-protected, lightweight siphon/mixing system can cover 1000 square feet in less than a minute! With unmatched speed and uniformity, you can virtually "paint" your turf with liquid wetting agent, fertilizers, and micronutrients. Adjustable metering dial offers 10 additive settings including "Water Only."



With the included 1" FHT x 3/4" MHT brass adapter, PelletPro™ and LiquidPro™ work with both 3/4" and 1" hoses.

### ordering

- |                    |  |   |
|--------------------|--|---|
| Part # A-PPWA50K   | PelletPro™ Applicator Gun (with 1" FHT x 3/4" MHT adapter)     |  |
| Part # A-PPWA50K-E | PelletPro™ Applicator Gun (with 3/4" quick-connect adapter)    |  |
| Part # A-PPQ-075   | PelletPro™ In-line Applicator: 3/4" FHT inlet, 3/4" MHT outlet |  |
| Part # A-PPQ-100   | PelletPro™ In-line Applicator: 1" FHT inlet, 1" MHT outlet     |  |
| Part # A-PPB       | In-line Filter Bowl  |   |
| Part # A-PPBG      | Gasket   |   |
| Part # A-LPWA50K   | LiquidPro™ Applicator Gun (with 1" FHT x 3/4" MHT adapter)     |  |
| Part # A-LPWA50K-E | LiquidPro™ Applicator Gun (with 3/4" quick-connect adapter)    |  |
| Part # A-LPWAB-6   | 6-Pack of 32 oz. Polybottles and Carrier                       |   |







## NEW! ProLocker™

### THE MOST POPULAR ASSORTMENT ALL IN ONE COMPLETE KIT

Keep all of your Underhill® professional watering tools secure and safe in this handy kit. ProLocker attaches easily to any utility vehicle for easy access. Case is ultra-durable, made of high-strength composite material and is lockable.

### kit includes

- Entire Precision™ nozzle series and brass high-flow valve
- CoolPro™ fogging nozzle
- Magnum™ UltraMax nozzle
- PelletPro™ wetting agent applicator
- SuperKey XL™ golf sprinkler multi-tool
- Gulp™ UltraMax syringe pump
- Gulp™ UltraMax pump
- TurfSpy™ stress detection glasses
- HeadChecker™ nozzle discharge pressure gauge, flex hose and pitot tube



## NozzleLocker™

### THE VERY BEST NOZZLES - KEEP THEM SECURE (and handy)

### kit includes

- Entire Precision™ nozzle series (Rainbow™, Rainmaker™, Cloudburst™ and Cyclone™)
- Solid Brass High-Flow Valve
- CoolPro™ with Precision™ fogging nozzle
- Your choice of MAGNUM™ multi-pattern nozzle (original, UltraMAX Turbo Shift, or UltraMAX Full Throttle)
- Unbreakable, lockable, corrosion-proof case to keep these tools safe and secure

**STOP LOSING  
YOUR NOZZLES!**



### ordering

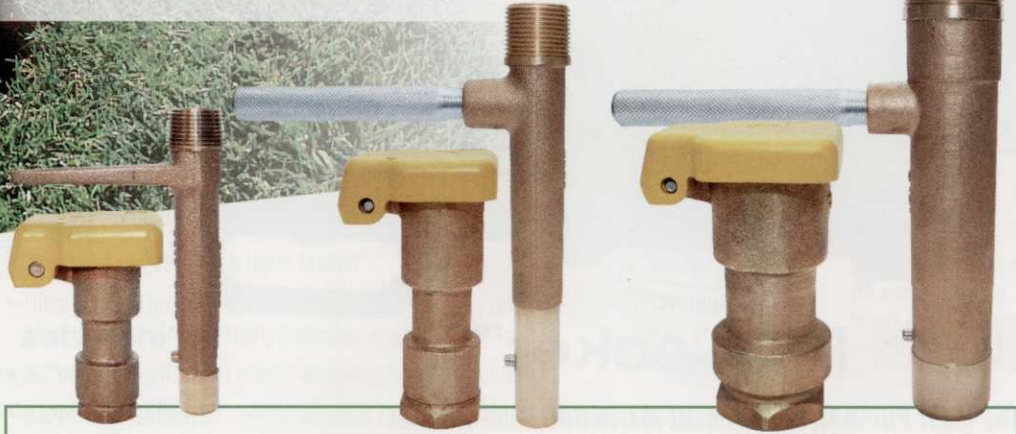
- Part # PL-K2 ProLocker™ with ¾" Magnum UltraMAX Full Throttle nozzle
- Part # PL-K3 ProLocker™ with ¾" Magnum UltraMAX Turbo Shift nozzle
- Part # PL-K4 ProLocker™ with 1" Magnum UltraMAX Full Throttle nozzle
- Part # PL-K5 ProLocker™ with 1" Magnum UltraMAX Turbo Shift nozzle
- Part # HP-K1 NozzleLocker™ with ¾" Magnum (yellow) nozzle
- Part # HP-K2 NozzleLocker™ with ¾" Magnum UltraMAX Full Throttle nozzle
- Part # HP-K3 NozzleLocker™ with ¾" Magnum UltraMAX Turbo Shift nozzle
- Part # HP-K4 NozzleLocker™ with 1" Magnum UltraMAX Full Throttle nozzle
- Part # HP-K5 NozzleLocker™ with 1" Magnum UltraMAX Turbo Shift nozzle



# Quick Coupler Valves & Keys

## SOLID BRASS, SINGLE SLOT/LUG ESSENTIALS

Built to last, Underhill® valves and keys are constructed of solid red brass and stainless steel. Valves incorporate rugged one-piece design.



Valve: Part # QV-075R  
(3/4" FPT inlet)

Key: Part # QK-075  
(3/4" MPT x 1/2" FPT outlet)

Valve: Part # QV-100R  
(1" FPT inlet)

Key: Part # QK-100  
(1" MPT x 3/4" FPT outlet)

Valve: Part # QV-150R  
(1 1/2" FPT inlet)

Key: Part # QK-150  
(1 1/2" MPT x 1 1/4" FPT outlet)

## hose swivels

- Part # HS-075 3/4" FPT x 3/4" MHT outlet
- Part # HS-100 1" FPT x 3/4" MHT outlet
- Part # HS-101 1" FPT x 1" MHT outlet
- Part # HS-151 1 1/2" FPT x 1" MHT outlet

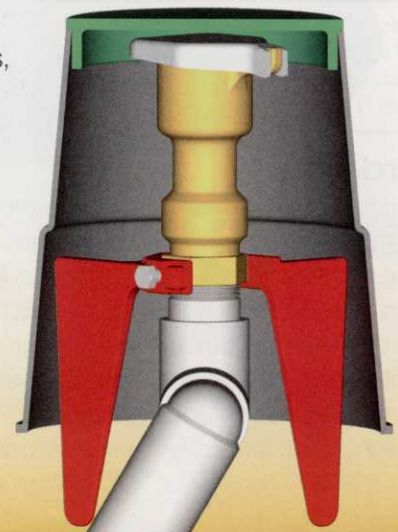


## The Claw™

### QUICK COUPLER MOTION RESTRAINT

When quick coupler valves become unscrewed from swing joints, it's more than just a hassle - it can be dangerous. The Claw™, new from Underhill®, offers a simple solution. Embedded in the soil below the quick coupler, and then securely attached to its base, The Claw provides significant resistance to rotational, vertical and horizontal motion, preventing the valve from moving. Made from high strength ductile iron, this compact anchor attaches easily with a single steel bolt.

**EASY RETROFIT!** Installs without removing valve or valve box!



The Claw™ pictured with 1" quick coupler, key and hose swivel.

### ordering

- Part # QCA-075100 The Claw™ for 3/4" and 1" valves
- Part # QCA-150 The Claw™ for 1 1/2" valves



# Impact Sprinklers

## SOLID BRASS, ULTRA-RELIABLE WORKHORSES

For reliable, trouble-free, high-performance year after year, you just can't beat our brass impact sprinklers. Available in full circle and full/part circle, in inlet sizes of 3/4", 1" and 1 1/4".

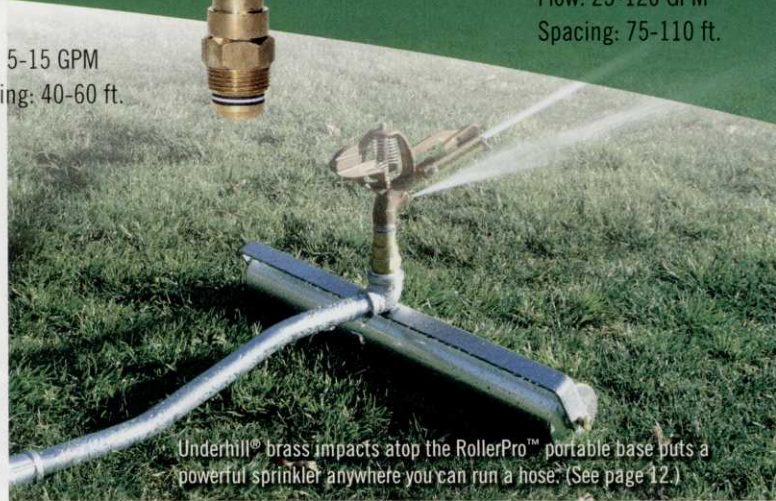
### features

- Solid brass construction
- Stainless steel drive spring
- Bearing assembly hood for longer wear life
- Chemical resistant bearing seals
- Solid brass nozzle

### ordering

		GPM	Radius (ft.)
Part # SI075F	3/4" MPT Full Circle	13	57
Part # SI075P	3/4" MPT Part/Full Circle	11	48
Part # SI100F	1" MPT Full Circle	23	71
Part # SI100P	1" MPT Part/Full Circle	23	71
Part # SI125F	1 1/4" MPT Full Circle	51	96
Part # SI125P	1 1/4" MPT Part/Full Circle	54	78

Performance data shown at 80 psi. GPM and radius will vary with pressure at sprinkler



## HoseTap™

### SOLID METAL HOSE ADAPTER

HoseTap™ gives you a hose connection anywhere you have a Toro® or Rain Bird® electric, valve-in-head sprinkler... a fast connection when quick-couplers or hose bibs are not available. Includes aircraft aluminum body (won't break or wear out like plastic) anodized with sprinkler manufacturer color, o-ring, riser, 1" brass swivel and 3/4" adapter. Also available without brass swivel/adapter.

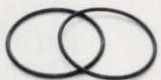


### ordering

- Part # HN-T100S HoseTap™ for Toro® 1" inlet golf sprinklers
  - Part # HN-T150S HoseTap™ for Toro® 1 1/2" inlet golf sprinklers
  - Part # HN-R125S HoseTap™ for Rain Bird® Eagle 700 Series sprinklers
  - NEW!** Part # HN-R150S HoseTap™ for Rain Bird® Eagle 900 Series sprinklers
- Includes 1" brass swivel and 3/4" adapter. Add "B" for BSP thread.  
To order without brass swivel: Remove "S" from part number.

### REPLACEMENT O-RINGS

- Part # OR-100 Fits Toro® 1" inlet and Rain Bird® Eagle 700 Series golf sprinklers / HoseTap
- Part # OR-150 Fits Toro® 1 1/2" inlet golf sprinklers / HoseTap
- Part # OR-150R Fits Rain Bird® 1 1/2" inlet golf sprinklers / HoseTap





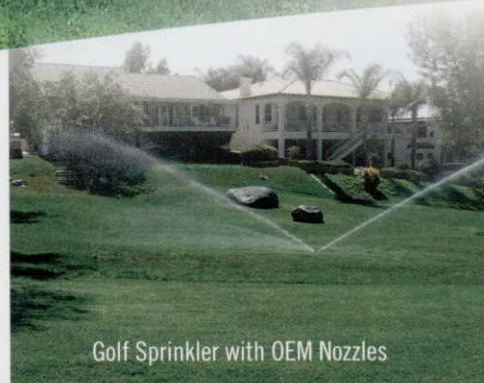
Serious about saving water?

Profile™



**SOLID METAL GOLF SPRINKLER NOZZLES**

Upgrade your sprinklers with Profile™, the ultra-high uniformity, water conserving, solid metal nozzles from Underhill®. You will see improved results immediately, save millions of gallons of water every year and improve the playability of your course at the same time... guaranteed.

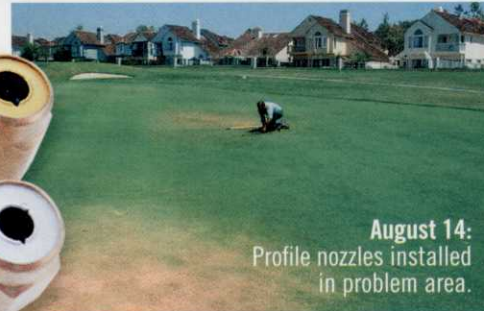


Golf Sprinkler with OEM Nozzles

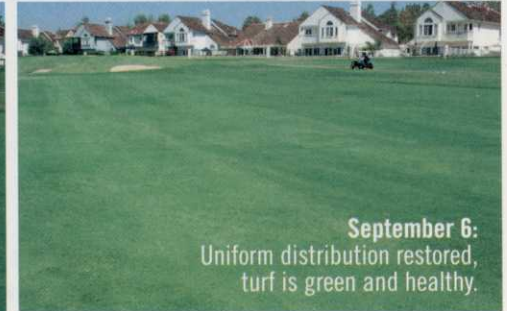


Same Golf Sprinkler with Profile Nozzles

Use less water, less energy and less manpower and get better course playability.



August 14:  
Profile nozzles installed in problem area.



September 6:  
Uniform distribution restored, turf is green and healthy.

*"Profile nozzles lived up to our expectations and eliminated patchy dry spots and donuts. We retrofitted all our fairways and now run a more efficient irrigation program."*

**Logan Spurlock**  
Superintendent, Sherwood Country Club

*"It was like putting in a new irrigation system. I became a believer overnight."*

**Mike Huck**  
Irrigation & Turfgrass Services  
Former USGA Staff Agronomist  
Former Superintendent,  
Murrieta Hot Springs Resort

See how Superintendents are upgrading their entire golf courses! Video online now at [www.underhill.us](http://www.underhill.us)



*"The real power is knowing that retrofitting sprinklers with Profile nozzles can be phased in to work within a course's operating budget."*

**Kurt Thompson**  
K. Thompson and Associates,  
Irrigation Consultant and Trainer  
Huntersville, North Carolina and Pace, Florida

*"The Profile retrofit program has also extended the life of our Toro system while improving course appearance and playability."*

**Dennis Eichner**  
Assistant Superintendent,  
Silverado Resort - Napa, California





Profile nozzles for **Toro®**

730 SERIES Full Circle: Front/Rear Nozzle Set		
Part #	Nozzle Color # range/spreader	Toro Noz #
T730-3313	Brown 33 / Gray 13	33
T730-3413	Blue 34 / Gray 13	34
T730-3515	Violet 35 / Red 15	---
T730-3515L (50 psi)	Green 35 / Red 15*	35
T730-3615	Red 36 / Red 15*	36
T730-3617	Red 36 / Lavender 17	

\* For square spacing, specify #17 (lavender) nozzle with the #35 and #36 range nozzles



Profile nozzles are so consistent, with distribution patterns so uniform... it's like rain on demand.™



760 and 860 SERIES Part Circle: Midrange/Close-in Nozzle Set	
Part #	Nozzle Color: midrange/close-in
T760-GY	Gray / Yellow
T860-GY	Gray / Yellow



830, 834S, DT SERIES Full Circle: Midrange/Close-in Nozzle Set		
Part #	Nozzle Color: midrange / close-in	Toro Series
T830-GY	Gray / Yellow	830
T834-GY	Gray / Yellow	834S
TDT100-GY	Gray / Yellow	DT 34/35



835S SERIES Full Circle: Midrange/Close-in Nozzle Set	
Part #	Nozzle Color: midrange / close-in
T835S-WP	White / Plug

**630 SERIES** CALL FOR AVAILABILITY



670 SERIES Full Circle: Rear Nozzles	
Part #	Nozzle Color: midrange / close-in
T670-BY	Black / Yellow

690 SERIES Full Circle: Rear Nozzle	
Part #	Nozzle Color: spreader
T690-G	Gray



750 SERIES Full Circle: Front/Rear Nozzle Set		
Part #	Nozzle Color #range / spreader	Toro Nozzle #s
T750-5617	Red 56 / Lavender 17	56
T750-5717	Gray 57 / Lavender 17	57



780, 854S, DT SERIES Midrange/Close-in Nozzle Set		
Part Circle (780), Full Circle (854S), Part/Full Circle (DT 54/55)		
Part #	Nozzle Color: midrange / close-in	Toro Series
T780-BY	Black / Yellow	780
T854-BY	Black / Yellow	854S
TDT150-BY	Black / Yellow	DT 54/55



855S SERIES Full Circle: Midrange/Close-in Nozzle Set	
Part #	Nozzle Color: midrange / close-in
T855S-PP	Pink / Plug

**650 SERIES** CALL FOR AVAILABILITY



Profile nozzles for **Rain Bird®**

**EAGLE 700 SERIES**

Full Circle: Midrange/Close-in Nozzles

Part #	Nozzle Color midrange / close-in	Rain Bird Nozzle #s
R70028-RG	Blue / Gray	28
R70032-RG	Red / Gray	32
R7003640-GG	Blue / Gray	36/40 and larger



**Look familiar?** Poor performing Eagle 700 sprinklers are often the result of clogged and worn nozzles. Profile nozzles' solid metal construction and nozzle shape were scientifically designed to solve this exact problem. They simply don't wear out. And they don't clog. Upgrade your old golf sprinklers to better than OEM with Profile!



**900 EAGLE SERIES**

Full Circle: Close-in Nozzle

Part #	Nozzle Color
R900-M	Maroon



**91 SERIES BRASS IMPACTS**

Full Circle: Close-in Nozzle

Part #	Nozzle Color
R91-G	Gray



**51 SERIES BRASS IMPACTS**

Full Circle: Front/Rear Nozzles

Part #	Nozzle Color # range / spreader	Rain Bird Nozzle #s
R51-1411.5	White 14 / Gray 11.5	14 / 11.5
R51-1611.5	Blue 16 / Gray 11.5	16 / 11.5
R51-1811.5	Yellow 18 / Gray 11.5	18 / 11.5
R51-2011.5	Red 20 / Gray 11.5	20 / 11.5
R51-2213	Green 22 / Black 13	22 / 13
R51-2413	Black 24 / Black 13	24 / 13



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## LOW VOLUME PORTABLE SPRINKLER KIT

SpotShot™ is an expandable sprinkler system kit ideal for turf areas requiring low volume watering for extended periods. Connect the Starter Kit to a quick coupler (or golf sprinkler with the HoseTap™ on page 9) and connect Add-On Kits for larger area needs.



### ideal for

- Leaching salts on greens
- Targeting hot spots on fairways, roughs, etc.
- Mound watering
- New seed grown in
- Other low volume watering



**Starter Kit** includes 20' of ½" flexible PVC tubing with connection fittings, pressure regulator, sprinkler base and low volume rotating sprinkler (20 ft. radius / 0.65 GPM - 0.16 in./hr.)



**Add-On Kit** includes 20' of ½" flexible PVC tubing with connection fittings, sprinkler base and low volume rotating sprinkler (20 ft. radius / 0.65 GPM - 0.16 in./hr.)



### Micro-Sprinkler Options

- 20 ft. radius / 0.65 GPM (0.16 in./hr.)
- 20 ft. radius / 1.2 GPM - (0.26 in./hr.)



## RollerPro™

### PORTABLE SPRINKLER BASE

The 22" wide stainless steel roller of RollerPro™ provides a stable field position for supplemental watering. Designed for years of hard use, it is ideal for watering dry spots and newly seeded areas.

### features

- 22" wide stainless steel roller is weighted to prevent movement during use.
- ¾" inlet and outlet adapters included
- Standard 1" FHT inlet x 1" female NPT outlet



RollerPro™ works with both 1" and ¾" hoses and sprinklers using the included adapters. Sprinklers sold separately on page 9.

### ordering

Part # A-RP221	RollerPro™
Part # SS-SK	SpotShot™ Starter Kit (20 ft. rad, 0.65 GPM)
Part # SS-AOK	SpotShot™ Add-on Kit (20 ft. rad, 0.65 GPM)
Part # SS-SK26	SpotShot™ Starter Kit (20 ft. rad, 1.2 GPM)
Part # SS-AOK26	SpotShot™ Add-on Kit (20 ft. rad, 1.2 GPM)
Part # SS-SB	SpotShot™ Sprinkler Base

Part # R75-HFM-40	Pressure Regulator (40 psi)
Part # TP-050-20	20' Coil of ½" PVC, SuperFlex Pipe
Part # S40-050-HFS	¾" Hose Thread Female x Male, Slip Fitting
Part # S40-050-HMS	¾" Hose Thread Male x Female, Slip Fitting
Part # SS-S16	Micro-sprinkler (20 ft. rad, 0.65 GPM - 0.16 in/hr)
Part # SS-S26	Micro-sprinkler (20 ft. rad, 1.2 GPM - 0.26 in/hr)