

Profile nozzles for Toro®

730 SERIES Full C	rcle: Front/Rear Nozzle Set
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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 p	osi) Green 35 / Red 15*	35
T730-3615	Red 36 / Red 15*	36
T730-3617	Red 36 / Lavender 17	3.5元 金色彩

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



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	834\$	
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

Nozzle Color: midrange / close-in Part #

T670-BY Black / Yellow





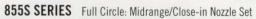
Nozzle Color #range / spreader Part # Toro Nozzle #s T750-5617 Red 56 / Lavender 17 56 T750-5717 Gray 57 / Lavender 17 57



780, 854S, DT SERIES Midrange/Close-in Nozzle Set Part Circle (780), Full Circle (854S), Part/Full Circle (DT 54/55)

Nozzle Color: midrange / close-in Part # Toro Series T780-BY Black / Yellow 780 T854-BY Black / Yellow 854S

TDT150-BY Black / Yellow



Part # Nozzle Color: midrange / close-in

T855S-PP Pink / Plug

650 SERIES CALL FOR AVAILABILITY

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



Profile nozzles for Rain Bird®

EAGLE 700 SERIES

Full Circle: Midrange/Close-in Nozzles

Nozzle Color midrange / close-in Rain Bird Nozzle #s Part # R70028-RG

R70032-RG Red / Gray 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



DT 54/55

91 SERIES BRASS IMPACTS

Full Circle: Close-in Nozzle Part # Nozzle Color R91-G Gray



51 SERIES BRASS IMPACTS

Full Circle: Front/Rear Nozzles Nozzle Color # Rain Bird Part # range / spreader 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



SpotShot[™]

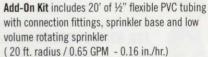


LOW VOLUME PORTABLE SPRINKLER KIT

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.



Starter Kit includes 20' of 1/2" 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.)





Micro-Sprinkler Options

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



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



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.



RollerPro™ works with both 1" and 34" hoses and sprinklers using the included adapters. Sprinklers sold separately on page 9.



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



ordering

Part # A-RP221 RollerPro™ Part # SS-SK Part # SS-AOK

SpotShot™ Starter Kit (20 ft. rad, 0.65 GPM) 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 Part # TP-050-20

Part # SS-S16

Part # SS-S26

Pressure Regulator (40 psi) 20' Coil of 1/2" PVC, SuperFlex Pipe

Part # S40-050-HFS 34" Hose Thread Female x Male, Slip Fitting Part # S40-050-HMS 34" Hose Thread Male x Female, Slip Fitting Micro-sprinkler (20 ft. rad, 0.65 GPM - 0.16 in/hr)

Micro-sprinkler (20 ft. rad, 1.2 GPM - 0.26 in/hr)

Tracker™

PORTABLE IRRIGATION MACHINE

The Tracker[™] offers an economical solution for supplementing seasonal watering needs of ¼ acre to 2 acre areas. It's also ideal for irrigating athletic fields, cemeteries, golf course roughs, or other large areas where an underground system is impractical. Built to last with precision German engineering and high quality materials, this portable powerhouse can irrigate an entire football field in just two passes.

Tracker[™] requires minimal labor to operate. Powered by water. it pulls itself along a nylon cable, dragging up to 360 ft. of 1" reinforced heavy-duty hose (sold separately). Each pass irrigates about 2/3 acre per 8 hours of operations.

specifications

- · Weight: 58 lbs.
- Size: Length 33", Width 22", Height 22"
- Materials: Aluminum, Brass, ABS
- Minimum Water Pressure: 50 psi
- . Hose Required: 1"

features

- · Adjustable Speed Control: 20-70 ft./hr.
- Standard full or part circle sprinkler (8-15 GPM)
- 360 ft. nylon cable provides irrigated length of 400 ft.
- 70-85 ft. pass width
- · Automatic shut-off at end of pass
- · Water turbine drive and gear box
- Galvanized anchor stake
- . Includes 1" brass quick-connect adapter



Precision German engineering, high quality components built to last!

delivery or to set up deep automatic drip watering.



DeepDrip™

TREE WATERING STAKES

Water and fertilize your trees at the roots, encouraging deeper roots and healthier trees with DeepDrip™ stakes. Water gets underground fast, so you can irrigate for shorter periods and save water.

They also help aerate the soil, and you can add fertilizer into the shaft to direct nutrients to the root zone.

Three Lengths For All Tree Sizes: Use the 14.5" stake for shallow root trees and shrubs, like rose bushes and ornamental trees (or boxed trees). The 24.5" stake is best for most other tree varieties except for palms and similarly deeper rooted trees, which will benefit from the longer 36" stakes.

Built Smart - And Easy To Use: The DeepDrip's reinforced tip and cap are made from ABS and the upper shaft is made from Schedule 40 PVC. Multiple holes in the bottom half of the spike, internally covered by a mesh filter, allow water to flow out but keep dirt from getting in and clogging the tube. The

UV-protected cap acts as a reinforced cover when pounding the stake into the ground, keeps debris from entering the shaft and holds a 1/4" drip line/emitter securely in place. By inserting a screwdriver through the two holes at the top of the upper shaft, stakes can be easily pulled up to remove/ reposition, or rotated to deter root invasion.



Part # T-400 Tracker[™] Portable Irrigation Machine Part # A-DD14 DeepDrip[™] 14.5" watering stake Part # A-DD24 DeepDrip™ 24.5" watering stake

Part # A-DD36 DeepDrip™ 36" watering stake





EasyReach™ Key

EXTRA-LONG SHAFT ON/OFF KEY

Extra long and extra heavy duty metal key designed for easy on/off operation for TORO, Rain Bird and John Deere/Signature electric valve-in-head golf sprinklers. Made of high grade metal, EasyReach offers years of effortless on/off operation.



VersaLid™

VALVE BOX UNIVERSAL REPLACEMENT LID

VersaLid™ is the easy solution for broken or

missing valve box lids. No need to guess what brand a buried box is or even worse - dig it up to find out - VersaLid's locking system fits all 6"-7" round valve boxes.

features

- Fits all 6"-7" round boxes Universal fit
- Greater top-load strength and more UV-resistant than structural foam lids
- Purple Lid available for non-potable/reclaimed water





Splice Kit

3M DIRECT BURY SPLICE KIT

Each kit includes one wire connector which accommodates wire sizes from 18-10 gauge and a waterproof gel case. Excellent for golf, commercial and residential applications.

ordering

Ordering	
Part # A-SKTRB	SuperKey [™] XL for Toro®, Rain Bird® and John Deere® golf sprinklers
Part # A-ERT	EasyReach™ for Toro® and John Deere®/ Signature golf sprinklers
Part # A-ERR	EasyReach™ for Rain Bird® golf sprinklers
Part # VL-6	Green VersaLid™ 6"-7" valve box lid
Part # VL-6P	Purple VersaLid [™] 6"-7" valve box lid
Part # DBRY-4	Direct Bury Splice Kit - 4 Pack
Part # DBRY	Direct Bury Splice Kit - single unit

Gulp™ UltraMAX

SUPER HIGH-CAPACITY WATER REMOVAL SUCTION PUMPS

Whether you need to remove water from sprinklers and valve boxes or other areas or devices, UltraMax Series Pumps are the ideal tools for the job...huge capacities and the smoothest pumps you will ever use as well.

- Super Smooth Pumping Action
- High Volume Capacity
- Strong Aluminum Pump Shaft
- Contour Grip Handle
- No Leak Seals
- Self Priming

GULP SYRINGE ULTRA

- 12 oz./stroke
- 12" pump chamber



also great for













GULP ULTRAMAX

• 18 oz./stroke!

- 14" clear pump chamber
- 18" outlet hose



BIG GULP ULTRAMAX • 35 oz./stroke! • 36" pump chamber

• 72" or 36" outlet hose







Gulp UltraMAX and BigGulp UltraMAX include debris filter attachment for very dirty water.

ordering

Part # A-G12-C Gulp™ UltraMax

Part # A-G3636CK BigGulp™ UltraMax w/ 36" outlet hose Part # A-G3672CK BigGulp™ UltraMax w/ 72" outlet hose

Part # A-G12S-C Gulp™ Syringe Ultra Part # A-GTUB-C 100 ft. outlet hose

AuditMaster™

EXPERT SPRINKLER PERFORMANCE TESTING KITS

Increasing watering times to compensate for poorly performing sprinklers wastes a lot of water. Accurately measuring sprinkler application rates with Underhill® AuditMaster™ helps maximize water savings.



4"x 5" Marking flags on 21" wire (50-pack) are available in 6 colors.

AuditMaster Combo ST/LT Kit (pictured), includes large CatchCanPro cups (blue) and CatchCanPro Mini cups (30 each).

AuditMaster ST Kit excludes the large CatchCanPro cups. This kit is ideal for SMALL TURF audits.

AuditMaster LT Kit excludes the CatchCanPro Mini cups. This kit is optimized for golf courses, sports fields and other LARGE TURF audits.



CatchCan Pro™

features

- · Self standing easily anchors into turf, even on slopes
- Measures sprinkler application in inches or centimeters
- . Unique design allows for shorter duration test
- Made of durable polypropylene engineered plastic
- · Can be stacked for easy storage
- · Each 10 pack kit comes with instructions



CatchCan Pro (CCPK-10) for LARGE TURF audits. Measures ml, cm, inches.

CatchCan Pro Mini (CCPMK-10) for SMALL TURF audits. Measures inches.

ordering

Part # AUD-ST AuditMaster ST Kit
Part # AUD-LT AuditMaster LT Kit
Part # AUD-STLT AuditMaster Combo ST/LT Kit
Part # SALESPR04 AuditMaster Wheeled Carry Case

Part # A-STW Stop Watch
Part # A-WIND Anemometer (Wind Gauge)
Part # CCPK-10 CatchCan Pro (Blue) - 10 Pack
Part # CCPMK-10 CatchCan Pro Mini - 10 Pack

Part # MT-100
Part # A-FLAG
Part # A-FLAG-B
Part # A-FLAG-O
Part # A-FLAG-P
Part # A-FLAG-R
Part # A-FLAG-W

Fiberglass Measuring Tape: 100' Marking Flags: Yellow - 50 Pack Marking Flags: Blue - 50 Pack Marking Flags: Orange - 50 Pack Marking Flags: Pink - 50 Pack Marking Flags: Red - 50 Pack Marking Flags: White - 50 Pack



TurfSpy™

EARLY STRESS DETECTION GLASSES

Disease, drought and weed invasion are plant and turf killers. But by the time you see them it can be too late. TurfSpy™ glasses, with stress detection technology developed by NASA, lets you "see into the future" to identify problems 2-10 days before they are visible to your naked eye. Keep your turf and vegetation healthy BEFORE serious problems arise.





fusarium patch

pythium blight

yellow patch (rhizoctonia)

brown patch

anthracnose

get a jump on broken or poor-performing sprinklers

highly efficient spot watering saves time and labor costs

superior **weed location** and spraying saves time and money

features

- Shatterproof/polycarbonate stress detection lens (ANSI approved safety lens)
- Wrap-around lens limits ambient light for optimal detection
- · Sports frame with adjustable ear piece
- · Lightweight case included

HOW IT WORKS

Dying vegetation absorbs and reflects sunlight differently then when its healthy. The earliest signals occur at the outer limits of the human visual spectrum, and are rendered invisible compared to the predominant middle wavelengths. TurfSpy™ filters the light in the center so that fringe spectra, which show early plant stress, become visible.



Part # NG655-01 TurfSpy™ Glasses and Deluxe Case

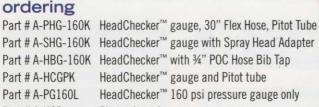
HeadChecker™

NOZZLE DISCHARGE PRESSURE GAUGE

Use this liquid-filled 160 psi gauge with 30" flex hose and solid brass Pitot tube, hose bib, or spray head adapter to measure water pressure at discharge points.



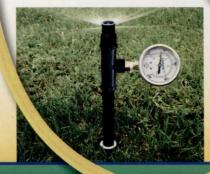




Part # A-HCP Pitot tube only

Part # A-HBT 34" Hose Thread x 1/4" Brass Hose Bib Tap

Part # A-SHA Spray Head Adapter





GRUND GUIDE by Underhill® **Marking Systems**



SPEED AND QUALITY OF PLAY... GOLF AS IT SHOULD BE.

You know Grund Guide for making premier yardage marking solutions. Now backed with the strength of Underhill® distribution and product development, you can have the highest quality and most complete vardage marking systems available today and into the future. We offer durable and high-visibility customized markers for all popular golf sprinklers along with unique fairway, tee box, and driving range markers. Speed up and improve the quality of play with Grund Guide Marking Systems.

Sprinkler Head Yardage Markers

185 225 150

Model SPM 106 - TORO Engraved Caps: Perfect-fit caps engraved and color filled for high visibility. Multiple number locations vary for lids with holes.

FITS: Toro 730, 750, 760, 780, 830/850S, 834S, 835S, DT34/35S. 854S. DT54/55, 860S, 880S COLORS: Caps - ●/○/●/● Numbers - 0/0/0/0/0/0/0/0

Model SPM 107 - Rain Bird Engraved Caps: Perfect fit caps engraved and color filled for high visibility number identification.

FITS: Rain Bird E900, E950, E700, E750, E500, E550. 700, 751, 51DR

COLORS: Caps - ●/○/●/● Numbers - 0/0/0/0/0/0/0/0



Model SPM 110 - Hunter Engraved Caps/Covers: Perfect-fit flange covers (G800, G900) and caps (G90), engraved and color filled for high visibility.

FITS: Hunter G800, G900, G90 COLORS: Flange cover / caps - • Numbers - 0/9/9/9/9/9/9/





Model SPM 101 - Fit Over Discs: Anodized aluminum (no paint!), these markers are engraved and custom fit to each sprinkler. Multiple number locations vary for lids with holes.

FITS: Toro 630, 650, 660, 670, 680, 690, 830/850S, 834S, 835S, DT34/35, 854S, 855S, DT54/55, 860S, 880S, Rain Bird 47/51 DR, 71/91/95, E900, E950. E700, E750, E500, E550, 1100, Hunter G-70/75, G-90/95, G-990, G-995, John Deere/Signature - Call COLORS: Discs - 0/0/0, Numbers -







Model SPM 105 - Universal Tags: Anodized aluminum (no paint!), these markers are engraved and designed for most universal fit applications. Tags are installed using 1/8" rivets.

FITS: Universal - Options: Crescent 2-7/8"W x 1"H, Round Edge 3"W x 1"H, Square Edge 2"W x 3/4"H COLORS: Tags - 0/0/0 Numbers -







Model SPM 103 - TORO Snap-In Markers: **OEM UPGRADE** to high quality polycarbonate custom fit. One complete, high-visibility marker snaps into OEM plug.

FITS: Toro 730, 750, 760, 780, 830/850S, 834S, DT34/35, 854S, DT54/55, 860S, 880S COLORS: Snap in - O/ / Numbers - O/









Model SPM 108 - TORO & Hunter: Special engraved plastic material designed to fit into OEM lid recess

FITS: Toro 730, 750, 760, 780, 834S, DT34/35, 854S, DT54/55, 860S, 880S and Hunter G800, G70/75B, G870, G875, G880, G885, G990, G995 COLORS: Markers - O/O, Numbers - O

(Reclaimed water option - on number - available)







Model SPM 104 - Lid/Molded Recess Markers: Durable replacement lid, with reverse engraved number insert process. Excellent number ID with this model

FITS: Rain Bird 47, 51 COLORS: Lid - 0/O/0 Insert - O/O/ Numbers - O/





Model SPM 102 - Rain Bird Yardage Highlighter Snap-Ring: Replaces OEM snap ring with perfect fit bright yardage and reclaimed color identification.

FITS: Rain Bird E900, E950, E700, E750, E500, E550, COLORS: O/ (Reclaimed Water)

ordering example

View/download complete ordering guide at www.underhill.us

Marker Model SPM-106

Sprinkler Mfg Series Toro

730

Marker Color Black

Color Yellow

Qty. of #s on Marker

Total QM on Order 76

Fairway / Tee / Range Disc Markers

Large 7 ½" cap with big bold 3 ½" standard yardage numbers. Ideal for fairway, tee and driving range marking. Optional 8" mounting pipe attachment available for secure installation.

FAIRWAY STANDARD DISC SYSTEM

Color-coded markers with bold 3 1/2" yardage number. Several system options available.









FAIRWAY CUSTOM OPTIONS

Markers can be customized to display specific yardage numbers, include logos, or custom design.



TEE BOX / DRIVING RANGE CUSTOM OPTIONS

Markers can be customized to display specific multiple numbers, include logos, or custom design.

SYSTEM EXAMPLES

- A: 3 markers placed down the center of the fairway at 50 yard intervals
- B: 5 markers placed down the center of the fairway for greater coverage
- C: Markers placed on sides and center ("diamond" layout) for highest visibility
- D: Create a custom system with your choice of color and numbers/markings



Valve Box / Universal Markers

These engraved, anodized aluminum (no paint!) markers are ideal for isolation or control valves, satellites or other applications.



-VB-31 SAT-

VB-31 SAT-



Disc Marker pictured with optional 8" mounting pipe (installs easily with standard cup cutter)

ordering

Standard Disks with Markings

FTM-Y-75

Yellow Disk with 75

FTM-R-100

Red Disk with 100

FTM-W-150

O White Disk with 150

FTM-BL-200

Blue Disk with 200

FTM-BK-250

Black Disk with 250

FTM-RWB-KIT FTM-YRWBB-KIT 3 Disks with Yardages ()/O/)

5 Disks with Yardages (/ / / / / / / /)

Custom Disks for Fairway, Tee Box and Driving Range

FTM-Y FTM-0

Yellow Disk no markings

Orange Disk no markings

FTM-R

Red Disk no markings

FTM-W

O White Disk no markings

FTM-BL

Blue Disk no markings

FTM-BK

Black Disk no markings

FTM-G

Green Disk no markings

FTM-L

Lavender Disk no markings

Tee Box / Fairway / Driving Range Custom Markings

To order, add to end of custom disk part numbers above. Example: FTM-Y-#1 (Yellow Disk with One custom number)

XXXX-#1 XXXX-#2 One custom number to disk Two custom numbers to disk

Three custom numbers to disk

XXXX-#3

Custom Design: Script Logo added to disk

XXXX-CUST XXXX-LOGO XXXX-#4

up to 4 flags / targets / yardages

XXXX-#8

5 to 8 flags / targets / yardages 9 to 12 flags / targets / yardages

XXXX-#12 Accessories

FTM-PL

8" Mounting Pipe for all disks

Valve Box / Universal Markers

SPM-105-B

Black anodized marker

SPM-105-M

Maroon anodized marker

For detailed ordering information of custom markers, visit www.underhill.us



radius!), the Sapien™ 2-wire controller,

Novo™ 2-wire converters and 2WIRE

decoders, visit www.underhill.us

Irrigation

UNDERHILL INTERNATIONAL PROFESSIONAL WATERING PRODUCTS 2013

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Form No. UIWP-B13