

PROFESSIONAL PRODUCTS 2019

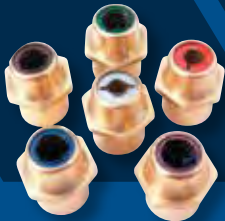
Underhill®

GOLF | SPORTS FIELDS | LANDSCAPES

WATERING PRODUCTS



PROFILE NOZZLES FOR SPRINKLERS



WETTING AGENTS & SPECIALTY PRODUCTS



MARKING SYSTEMS



*When a product does its job day in and day out - it **works***
*When it saves you time, money, or water - it's **smart***
*When it does both - it's from **Underhill®***



TABLE OF CONTENTS

WATERING PRODUCTS AND TOOLS

- ULTRAMAX BLUE PREMIUM HOSE 3
- SHORTYPRO WASH HOSE 3
- ULTRAMAX RED, ULTRAMAX GREEN HOSE 4
- ULTRAMAX CLEAR HOSE, HOSE REPAIR FITTINGS 5
- PROLINE GOLD SERIES HOSE 6
- PROLINE GOLD SERIES WATERING NOZZLES 7
- MAGNUM ULTRAMAX PREMIUM NOZZLES 8-9
- MAGNUM NOZZLE, SWEEPER NOZZLES, COOLPRO NOZZLES 10
- PRECISION SPECIFIC TASK NOZZLES, NOZZLE LOCKER KITS 11
- DRAINBLASTER NOZZLE, RAINPRO NOZZLE, QUICK CONNECT 12
- EASYOUT SPRINKLER REMOVAL TOOL, DEEP DRIP STAKES 13
- SUPERKEY XL, EASYREACH KEY, VERSALID, SPLICE KIT 14
- HOSETAP, THE CLAW 15
- ULTRA BRASS GOLD SERIES QUICK COUPLER VALVES & KEYS 16-17
- ULTRA BRASS GOLD SERIES IMPACT SPRINKLERS 18-19
- ROLLERPRO PORTABLE SPRINKLER BASE, SPOTSHOT KITS . . . 20
- TURFSKY GLASSES, TRACKER IRRIGATION MACHINE 21
- GULP ULTRAMAX WATER REMOVAL PUMPS 22-23
- CATCHCAN ULTRA, AUDITMASTER, PRESSURE CHECKER GAUGES 24-25

PROFILE TORO & RAINBIRD SPRINKLER NOZZLES

- PROFILE SOLID METAL GOLF SPRINKLER NOZZLES 26-27

WETTING AGENTS & SPECIALTY PRODUCTS

- TOURNAMENT-READY WETTING AGENT 28
- MEDALIST, H2O MAXIMIZER LIQUID WETTING AGENT, HYDRO-WET INJECTABLE WETTING AGENT 29
- TOURNAMENT-READY PLUS PELLETS WITH ACTOSOL, TOURNAMENT-READY PELLETS, HYDRO-WET PELLETS, H2O MAXIMIZER PELLETS 30
- WETTING AGENT SELECTION GUIDE 31
- BIO-90 ADJUVANT, CADENCE SPREADER, WATER FX CONDITIONER, ANTI-FOAM AGENT, K-KLEAN TANK CLEANER, TANK CLEANER, BENCHMARK FOAM MARKER 32
- PELLETPRO APPLICATORS, LIQUIDPRO APPLICATORS 33
- FLO-PRO INLINE APPLICATOR, FLO-PRO INJECTOR SYSTEM . . . 34

MARKING SYSTEMS & TOOLS

- SPRINKLER HEAD YARDAGE MARKERS 35-37
- TURBO TRIM SPRINKLER HEAD TRIMMER/CUTTER 38
- POWER TRIM SPRINKLER HEAD TRIMMER/CUTTER 39



PREMIUM

ULTRAMAX™ HOSE

FEATURING OUTSTANDING DURABILITY AND PERFORMANCE.

Underhill UltraMax™ hose employs the highest standard of precision engineering in design and manufacturing... Don't settle for less.

UltraMax™ Blue

All weather performance in an **ULTRA FLEXIBLE** lightweight hose. Up to 45% lighter than comparable commercial quality hose. Made of super, heavy-duty, longlife flexible TPE material.

Don't settle for less, choose the best!

features

- 1200 Psi Burst Pressure
- All Weather Performance
- Machined Brass Couplings
- Abrasive Resistant
- Flexible, Smooth Finish

ShortyPro™

QUICK COOL/WASH BLUE HOSE

Finally, the right hose for the job! No more extra hose to carry around when you don't need it. Ideal for quick green and tee syringe also, equipment wash down.



SIMPLY
THE BEST!



MADE IN
USA

Hose Weight for 100' (30.48m)

3/4" UltraMax Blue	31 lbs. (14kg)
1" UltraMax Blue	46 lbs. (21kg)

*Custom Lengths,
Quick Turnaround!*

ordering UltraMax Blue Hose

Part # H75-050B 3/4" UltraMax Hose BLUE; 50' Length
Part # H75-075B 3/4" UltraMax Hose BLUE; 75' Length
Part # H75-100B 3/4" UltraMax Hose BLUE; 100' Length
Part # H75-125B 3/4" UltraMax Hose BLUE; 125' Length
Part # H75-CB 3/4" UltraMax Hose BLUE CUSTOM LENGTH;
(Upon Request)

Part # H10-050B 1" UltraMax Hose BLUE; 50' Length
Part # H10-075B 1" UltraMax Hose BLUE; 75' Length
Part # H10-100B 1" UltraMax Hose BLUE; 100' Length
Part # H10-125B 1" UltraMax Hose BLUE; 125' Length
Part # H100-CB 1" UltraMax Hose BLUE CUSTOM LENGTH;
(Upon Request)

ShortyPro Blue Hoses

Part #: H75-S10 3/4" ShortyPro Blue Hose; 10' Length
Part #: H75-S20 3/4" ShortyPro Blue Hose; 20' Length
Part #: H10-S10 1" ShortyPro Blue Hose; 10' Length
Part #: H10-S20 1" ShortyPro Blue Hose; 20' Length

SUPER STRONG-HEAVY

UltraMax™ Red

ULTRAMAX RED IS THE ULTIMATE CHOICE FOR LONG LIFE UNDER HEAVY JOBS THAT REQUIRE DRAGGING OVER RUGGED TERRAIN.

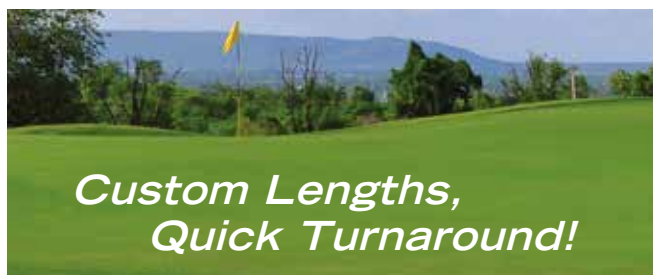
Featuring outstanding durability and performance, Underhill UltraMax™ Red hose employs the highest standard of precision engineering in design and manufacturing. UltraMax™ Red is the ultimate choice for long life under heavy use...made of EPDM synthetic rubber and reinforced with spiral synthetic yarn for extra strength under high working pressure. *Don't settle for less, choose the best!*

features

- 800 Psi Burst Pressure
- Machined Brass Couplings
- Kink, Tangle & Abrasion Resistant



Hose Weight for 100' (30.48m)	
3/4" UltraMax Red	38 lbs. (17kg)
1" UltraMax Red	59 lbs. (27kg)



ordering UltraMax-Red Hose

Part # H58-050R 5/8" UltraMax Hose RED; 50' Length
 Part # H75-025R 3/4" UltraMax Hose RED; 25' Length
 Part # H75-050R 3/4" UltraMax Hose RED; 50' Length
 Part # H75-075R 3/4" UltraMax Hose RED; 75' Length
 Part # H75-100R 3/4" UltraMax Hose RED; 100' Length
 Part # H75-125R 3/4" UltraMax Hose RED; 125' Length
 Part # H75-CR 3/4" UltraMax Hose RED; CUSTOM LENGTH;
 (Upon Request)

Part # H10-025R 1" UltraMax Hose RED; 25' Length
 Part # H10-050R 1" UltraMax Hose RED; 50' Length
 Part # H10-075R 1" UltraMax Hose RED; 75' Length
 Part # H10-100R 1" UltraMax Hose RED; 100' Length
 Part # H10-125R 1" UltraMax Hose RED; 125' Length
 Part # H100-CR 1" UltraMax Hose RED CUSTOM LENGTH;
 (Upon Request)

ECONOMY-PLUS

UltraMax™ Green

SMOOTH FINISH AND LIGHTWEIGHT WITH HIGH BURST PRESSURE RATING

Made of Pliovic material with extra burst pressure performance. Suitable for a wide range of multi-purpose commercial applications.

features

- 800 Psi Burst Pressure
- Lightweight, Durable
- Machined Brass Couplings
- Thick Outer Wall
- Non-Conductive Hose
- Very Smooth Finish

Hose Weight for 100' (30.48m)	
3/4" UltraMax Green	32 lbs.(14.5kg)
1" UltraMax Green	41 lbs. (18.5kg)



ordering UltraMax-Green Hose

Part # H75-050G 3/4" UltraMax Hose GREEN; 50' Length
 Part # H75-075G 3/4" UltraMax Hose GREEN; 75' Length
 Part # H75-100G 3/4" UltraMax Hose GREEN; 100' Length
 Part # H75-125G 3/4" UltraMax Hose GREEN; 125' Length
 Part # H75-CG 3/4" UltraMax Hose GREEN; CUSTOM LENGTH
 (Upon Request)

Part # H10-050G 1" UltraMax Hose GREEN; 50' Length
 Part # H10-075G 1" UltraMax Hose GREEN; 75' Length
 Part # H10-100G 1" UltraMax Hose GREEN; 100' Length
 Part # H10-125G 1" UltraMax Hose GREEN; 125' Length
 Part # H100-CG 1" UltraMax Hose GREEN; CUSTOM LENGTH
 (Upon Request)

ECONOMY

UltraMax™ Clear

SMOOTH FINISH AND LIGHTWEIGHT

An economical multi-purpose clear hose...made of clear Plivoc material and reinforced spiral yarn for extra strength. Ideal for light to medium commercial duty including golf course greens.

features

- 600 Psi Burst Pressure
- Lightweight, Durable And Thick Outer Wall
- Machined Brass Couplings
- Non-Conductive Hose
- Very Smooth Finish



Hose Weight for 100' (30.48m)

3/4" UltraMax Clear	20 lbs. (9kg)
1" UltraMax Clear	39 lbs. (17.5kg)

*Custom Lengths,
Quick Turnaround!*

ordering UltraMax-Clear Hose

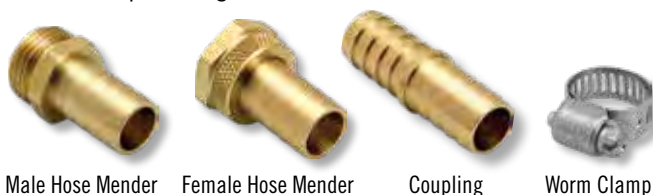
Part # H75-050C	3/4" UltraMax Hose CLEAR; 50' Length
Part # H75-075C	3/4" UltraMax Hose CLEAR; 75' Length
Part # H75-100C	3/4" UltraMax Hose CLEAR; 100' Length
Part # H75-125C	3/4" UltraMax Hose CLEAR; 125' Length
Part # H75-CC	3/4" UltraMax Hose CLEAR CUSTOM LENGTH; (Upon Request)
Part # H10-050C	1" UltraMax Hose CLEAR; 50' Length
Part # H10-075C	1" UltraMax Hose CLEAR; 75' Length
Part # H10-100C	1" UltraMax Hose CLEAR; 100' Length
Part # H10-125C	1" UltraMax Hose CLEAR; 125' Length
Part # H100-CC	1" UltraMax Hose CLEAR CUSTOM LENGTH; (Upon Request)

Hose Repair

HOSE MENDER CLAMPS - SUPER HEAVY DUTY Designed to do the job right and built to last. Made of Zinc, Stainless Steel and ED finish.



SOLID BRASS - ULTRA-RELIABLE For reliable, crush proof, high-performance year after year, you just can't beat our machined brass hose repair fittings.



Male Hose Mender Female Hose Mender Coupling Worm Clamp

DO THE JOB RIGHT, BUILT TO LAST!

ordering Hose Clamps - Super Heavy Duty

Part # HR-58F	(5/8") Clamp with Female Brass Mender
Part # HR-58M	(5/8") Clamp with Male Brass Mender
Part # HR-58C	(5/8") Clamp (2) with Coupling Mender
Part # HR-75F	(3/4") Clamp with Female Brass Mender
Part # HR-75M	(3/4") Clamp with Male Brass Mender
Part # HR-75C	(3/4") Clamp (2) with Coupling Mender

ordering Hose Menders - Ultra Reliable

Part # HRBM-10-C	Hose Repair 1" Coupling Brass Mender
Part # HRBM-10-F	Hose Repair 1" Female Brass Mender
Part # HRBM-10-M	Hose Repair 1" Male Brass Mender
Part # HRBM-58-C	Hose Repair 5/8" Coupling Brass Mender
Part # HRBM-58-F	Hose Repair 5/8" Female Brass Mender
Part # HRBM-58-M	Hose Repair 5/8" Male Brass Mender
Part # HRBM-75-C	Hose Repair 3/4" Coupling Brass Mender
Part # HRBM-75-F	Hose Repair 3/4" Female Brass Mender
Part # HRBM-75-M	Hose Repair 3/4" Male Brass Mender
Part # HWC-050-125	Hose Worm Clamp; (For OD's 1/2" to 1 1/4"); Use with 5/8" Hose or 3/4" Hose
Part # HWC-075-175	Hose Worm Clamp; (For OD's 3/4" to 1 3/4"); Use with 3/4" Hose or 1" Hose

ECONOMY

Proline™ Gold Series

SMOOTH FINISH AND LIGHTWEIGHT WITH MODERATE BURST PRESSURE RATING.

An economical multi-purpose hose made of super heavy duty, long life flexible TPE, the same material as our top of the line UltraMax Blue Hose, but with lower rating burst pressure.

Not recommended for high pressure applications.

features

- 500 Psi Burst Pressure
- Machined Brass Couplings
- Lightweight, Durable

**500 PSI BURST / 125 PSI
OPERATING PRESSURE RATING**
(34.47 BAR / 8.62 BAR)

Hose Weight for 100' (30.48m)

5/8" Gold Series	16 lbs. (7.25kg)
3/4" Gold Series	24 lbs. (11kg)



The ideal hose for clubhouse and other commercial lower pressure landscape applications.

ordering Proline Gold Series Hose

Part # H58-050PRO-G	5/8" Proline Hose Gold; 50' Length
Part # H58-075PRO-G	5/8" Proline Hose Gold; 75' Length
Part # H58-100PRO-G	5/8" Proline Hose Gold; 100' Length
Part # H75-050PRO-G	3/4" Proline Hose Gold; 50' Length
Part # H75-075PRO-G	3/4" Proline Hose Gold; 75' Length
Part # H75-100PRO-G	3/4" Proline Hose Gold; 100' Length



For store merchandising, ask your Underhill representative how you can receive a **FREE Super Tower Display** with a minimum purchase starter program!

Proline™ Gold Series

Professional's Choice Watering Products

PROFESSIONAL QUALITY WATERING NOZZLES

for landscape turf or plant watering - *low to medium* flow pressure applications

Pattern Master

Multi-Pattern Spray Nozzle

Gold Series

features

- 8 Easy-Click Selectable Patterns
- Metal-Zinc / Brass Construction
- Fits 3/4" Hose Thread Inlet



8 Multi-Spray Patterns



ProSpray™

Variable Spray Gun

Gold Series

features

- Smooth Trigger Operation, No Leak Design
- Metal-Zinc / Brass Construction
- Fits 3/4" Hose Thread Inlet



Variable Spray Patterns



Magnum-Mini™

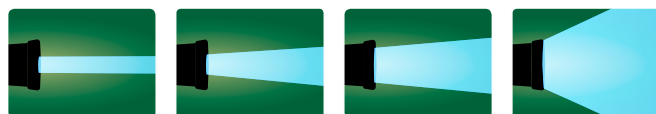
Adjustable Spray Nozzle

Ideal for turf or plant watering, equipment washdown, seed beds.

Gold Series

features

- Easy Adjusting
- No Leak Design
- Compact – High Performance
- Ideal Nozzle for Low - Medium Pressure Applications



Extender™ Wand

Wand Spray Nozzle

Telescoping feature with ratchet adjusts head. Super soft pattern & easy click selection.

Gold Series

features

- Smooth Trigger Operation, No Leak Design
- Full Telescoping Handle from 28" To 41" Length
- Metal-Zinc / Brass Construction
- Fits 3/4" Hose Thread Inlet



320° Ratcheting Spray Head



PushSmart On/Off & Flow Control



ordering

- | | |
|-----------------|---|
| Part # NG200-8S | PatternMaster™ Gold Series Multi-Pattern Spray Nozzle |
| Part # NG200-P | ProSpray™ Gold Series Variable Spray Gun |
| Part # NG350 | Magnum-Mini™ Gold Series Adjustable Spray Nozzle |
| Part # NG200-TW | Extender™ Gold Series Wand Spray Nozzle |

Magnum™ UltraMAX *Premium Plus* PRO Series

MADE OF SUPER HEAVY DUTY METAL ALLOY, AND TPR RUBBER



Premium Plus



FULL THROTTLE

Single Variable Flow: Delivers steady, maximum volume fog, jet stream and fan patterns.

Low Flow (Residential Use) Model:
12-19 GPM (45-72 L/min)

High Flow Model: 15-40 GPM
(57-151 L/min)

Super High Flow Model:
39-100 GPM (148-379 L/min)

Step up to the most professional nozzle you can buy - MAGNUM™ UltraMax. Firefighter quality for professionals in any field, these variable flow, multi-function nozzles are virtually indestructible and leak proof. The innovative TURBO SHIFT models provide two distinct GPM ranges. And the outstanding distribution patterns of all MAGNUM UltraMAX nozzles make them excel in high demand areas like greens/tees, infield conditioning and equipment and stadium washdowns.

features / specifications

- Multi-Pattern Spray: Fog, Jet Stream, Fan
- Built for 1" and ¾" Hose Flow Rates (range: 7-43 GPM)
- Nozzles and Valves rated at 600 PSI working pressure

TURBO SHIFT

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



Low Flow (Residential Use) Model:

Opens with 7-12 GPM (27-45 L/min)
Turbo Shifts to 14-17 GPM (53-64 L/min)

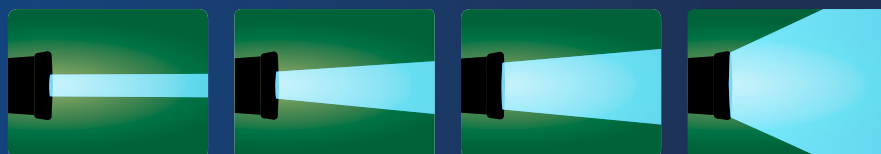
High Flow Model:

Opens with 12-17 GPM (45-64 L/min)
Turbo Shifts to 20-43 GPM (76-163 L/min)

Super High Flow Model:

34-104 GPM (129-394 L/min)

Available in Two Options - *Premium Plus* & *Premium*



Variable sprays for any application

ordering PREMIUM PLUS - All flow rates based on 80 psi (5,5 bar)

Low Flow	Part # NG550-DFL-75	Turbo Shift 7-17 GPM (27-64 L/min) - ¾" FHT inlet
	Part # NG550-DFL-10	Turbo Shift 7-17 GPM (27-64 L/min) - 1" FHT inlet
High Flow	Part # NG550-DFH-75	Turbo Shift 12-43 GPM (45-163 L/min) - ¾" FHT inlet
	Part # NG550-DFH-10	Turbo Shift 12-43 GPM (45-163 L/min) - 1" FHT inlet
Super High Flow	Part # NG550-DFSH-10	Turbo Shift 34-104 GPM (129-394 L/min) - 1" FHT inlet
Low Flow	Part # NG500-SFL-75	Full Throttle 12-19 GPM (45-72 L/min) - ¾" FHT inlet
	Part # NG500-SFL-10	Full Throttle 12-19 GPM (45-72 L/min) - 1" FHT inlet
High Flow	Part # NG500-SFH-75	Full Throttle 15-40 GPM (57-151 L/min) - ¾" FHT inlet
	Part # NG500-SFH-10	Full Throttle 15-40 GPM (57-151 L/min) - 1" FHT inlet
Super High Flow	Part # NG500-SFSH-10	Full Throttle 39-100 GPM (148-379 L/min) - 1" FHT inlet
	Part # HS-NC500/550	Hex Screw for Retaining Cap
	Part # OR-NG500/550	Teflon Seal
	Part # RC-NG500/550	Retaining Cap

Magnum™ UltraMAX *Premium* PRO Series

MADE OF HIGH STRENGTH COMPOSITE MATERIAL, AIRCRAFT ALUMINUM AND TPR RUBBER



TURBO SHIFT

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

High Flow Model (only):

Opens with 12-17 GPM (45-64 L/min)
Turbo Shifts to 20-43 GPM (76-163 L/min)



FULL THROTTLE

Single Variable Flow: Delivers steady, maximum volume fog, jet stream and fan patterns.

High Flow Model (only):

15-40 GPM (57-151 L/min)

NEW!

Premium



features / specifications

- Multi-Pattern Spray: Fog, Jet Stream, Fan
- Built for 1" and 3/4" Hose Flow Rates (range: 7-43 GPM)
- Nozzles and Valves rated at 600 PSI working pressure

UltraMAX Valves

Heavy duty ball valve, push-pull on/off control handle and exceptional build quality for long life under demanding use. Available in Firefighter Grip for two-handed operation or ergonomic Pistol Grip for comfortable, extended use. Nozzles sold separately.



Pistol Grip



Firefighter Grip

Scan to learn more!



ordering PREMIUM - All flow rates based on 80 psi (5,5 bar)

High Flow	Part # NG650-DFH-75	Turbo Shift 12-43 GPM (45-163 L/min) - 3/4" FHT inlet
	Part # NG650-DFH-10	Turbo Shift 12-43 GPM (45-163 L/min) - 1" FHT inlet
High Flow	Part # NG600-SFH-75	Full Throttle 15-40 GPM (57-151 L/min) - 3/4" FHT inlet
	Part # NG600-SFH-10	Full Throttle 15-40 GPM (57-151 L/min) - 1" FHT inlet
	Part # SVPG-75	Pistol Grip Valve - 3/4" FHT inlet
	Part # SVPG-10	Pistol Grip Valve - 1" FHT inlet
	Part # SV-75	Firefighter Grip Valve - 3/4" FHT inlet
	Part # SV-10	Firefighter Grip Valve - 1" FHT inlet

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

- Solid metal internal - no plastic parts to break or wear out
- Multi-pattern sprays - effortless control with hydraulic assist on/off
- Ratchet mechanism prevents over-tightening damage
- Fire hose quality nozzle feels great in your hands
- Built for 1" and ¾" flow rates

specifications

Materials: Brass, Stainless Steel, Aluminum, TPR rubber Flow: 37 GPM at 80 psi

**PowerBlast™ SOLID BRASS NOZZLE SERIES**

Heavy duty solid machined brass construction nozzles built to perform and last. Low flow designed to save water yet produce high power jet output. Ideal for equipment power wash down, cleaning driveways and walkways with minimum water usage - 7 GPM at 80 PSI

**SUPER SWEEPER 6"****SWEEPER JR. 2"****MULTIMAX ADJUSTABLE NOZZLE 4"**

High Pressure Easy Twist variable pattern nozzle, no leak design fine mist to power jet spray adjustment 5 GPM at 80 PSI

features

- Solid Machined Brass Construction
- Constant Flow Smooth Operation
- Simple Reliable Long Life

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)
- Ergonomic handle/valve provides easy grip and variable on/off control.
- Durable solid metal design



Perfect for tournament play, CoolPro™ puts down only enough water to cool the turf canopy. It prevents wilting while maintaining good ball speed.

ordering

Part # NG450	MAGNUM™ Hose Nozzle
Part # SN6-75	Super Sweeper 6" Power Nozzle-¾" FHT Inlet
Part # SN2-75	Sweeper 2" Power Nozzle -¾" FHT Inlet
Part # GNA-75	MultiMax Adjustable Nozzle -¾" FHT Inlet
Part # HNC075	CoolPro™ Valve and Nozzle
Part # HN0600	CoolPro™ Nozzle only
Part # CV075L	CoolPro™ Valve only

Precision™ Nozzle Kits

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



CoolPro™ TASKS: Greens, tees, seed beds, transplants, delicate landscaping (4-6 GPM)

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

*Note: GPM will vary
with pressure at nozzle.*



Scan to learn more!

Nozzle Kits include brass
High Flow Control Valve and
¾" MHT x 1" FHT Adapter.
To order nozzle only: remove
"CV" from part number.



ordering

Part # HN0600CV	Precision™ CoolPro™ Nozzle Kit
Part # HN1500CV	Precision™ Rainbow™ Nozzle Kit
Part # HN2300CV	Precision™ Rainmaker™ Nozzle Kit
Part # HN4800CV	Precision™ Cloudburst™ Nozzle Kit
Part # HN5000CV	Precision™ Cyclone™ Nozzle Kit



NozzleLocker™

THE VERY BEST NOZZLES - KEEP THEM SECURE

kit includes

- Entire Precision™ Nozzle Series
- 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

ordering

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

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.



Scan to learn more!

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



Tough TPR rubber bumper protects nozzle

ordering

Part # DN-75	DrainBlaster™ Nozzle - ¾" FHT Inlet
Part # DN-10	DrainBlaster™ Nozzle - 1" FHT Inlet
Part # SHN-75	RainPro™ Shower Nozzle - ¾" or 1" FHT Inlet (includes ¾" Adapter Part# A-BA107MF)
Part # SHN-10	RainPro™ Shower Nozzle - 1" FHT Inlet

NEW! Solid Brass Quick-Connect

Available in ¾" & 1" sizes



HIGH-FLOW SOLID BRASS SHUT OFF VALVE:

- Stainless Steel Ball Shut-off
- Handy Thumb Shut-off Lever
- Large O-ring inlet, for low friction/high flow



HIGH-FLOW COMPOSITE/STEEL VALVE:

¾" hose thread inlet/outlet, oversized handle, up to 55 GPM



Hose Adapters

Part # A-BQ7M	¾" Quick-Connect, male end
Part # A-BQ7F	¾" Quick-Connect, female end
Part # A-BQ10M	1" Quick-Connect, male end
Part # A-BQ10F	1" Quick-Connect, female end
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 # HN075W	replacement washer, ¾" hose
Part # HN100W	replacement washer, 1" hose

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.



ADD TO EXISTING TREES! Install DeepDrip™ stakes during or after tree planting for instant access to the root system for fertilizer delivery or to set up deep automatic drip watering.



ordering

Part # A-DD14	DeepDrip™ 14.5" watering stake
Part # A-DD24	DeepDrip™ 24.5" watering stake
Part # A-DD36	DeepDrip™ 36" watering stake

easyOUT™ QUICK FIX sprinkler removal tool

SPRAY HEAD REMOVAL & REPLACEMENT JUST GOT EASIER AND FASTER!

Finally, a unique tool designed and engineered to help you do the job like never before...

- No Digging
- No Damage to Turf
- Saves Time and Money

Fits All Major Spray Head Brands
Removes Sprinkler in 3 Minutes or Less!

STEP 1



- Remove cap and inside components
- Insert rod into sprinkler body

STEP 2



- Place tool over rod and inside sprinkler body
- Rotate tool counter clockwise to remove body

STEP 3



- Place new sprinkler over rod and into ground
- Push down and rotate tool clockwise to connect sprinkler body to pipe

STEP 4



- Replace new sprinkler components and cap

ordering

Part #: A-E0-SRT12K
EasyOut™ fits 2"- 6"
spray heads

Part #: A-E0-SRT18K
EasyOut™ fits 2"- 12"
spray heads

Part #: A-E0-05EC
EasyCap™ 1/2" female
FPT fitting

SuperKey XL™

MULTI-PURPOSE TOOL FOR TORO, RAINBIRD GOLF SPRINKLERS

The ultimate **all-in-one** tool for your golf sprinklers...think of it as a Swiss army knife, a must have companion. Made of stainless steel and composite material, it effortlessly turns electric valve-in-heads on and off, removes internal snap rings and performs many other sprinkler maintenance chores. Great for John Deere®/Signature® sprinklers, too!

Snap Ring Removal
(Bottom Valve or Internal
Rotor Assembly)

Screwdriver Tip for
Cap Disassembly or Pressure
Regulator Adjustment

Filter
Screen
Removal

Hardened
Bend Resistant
Metal

High Strength
Engineered
Material

On/Off
Control
Pointer

On/Off Control
Debris
Removal

On/Off Control
Assembly
Removal

Solenoid
Plunger
Removal

On/Off
Control

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

STRONGER! BETTER FIT!
than original equipment lids



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.

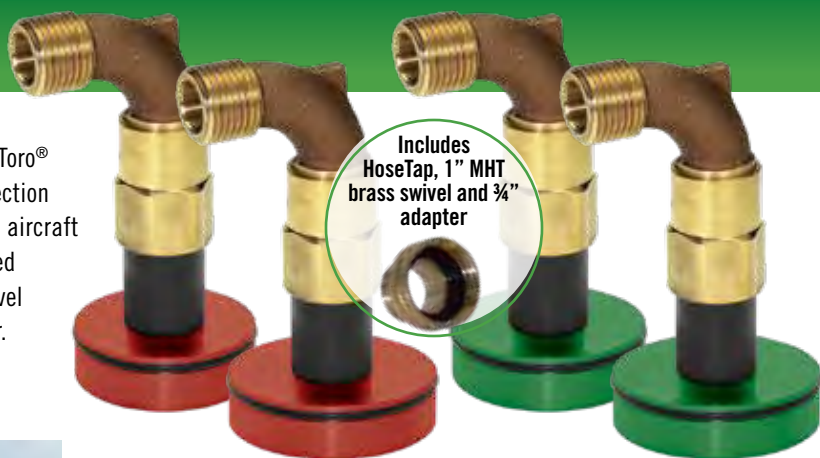
ordering

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

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 ¾" adapter. Also available without brass swivel/adapter.



ordering

Part # HN-T100S	HoseTap™ for Toro® 1" inlet golf sprinklers
Part # HN-T150S	HoseTap™ for Toro® 1½" inlet golf sprinklers
Part # HN-R125S	HoseTap™ for Rain Bird® Eagle 700 Series sprinklers
Part # HN-R150S	HoseTap™ for Rain Bird® Eagle 900 Series sprinklers

Includes 1" brass swivel and ¾" 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® 1½" inlet golf sprinklers / HoseTap
Part # OR-150R	Fits Rain Bird® 1½" inlet golf sprinklers / HoseTap



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.

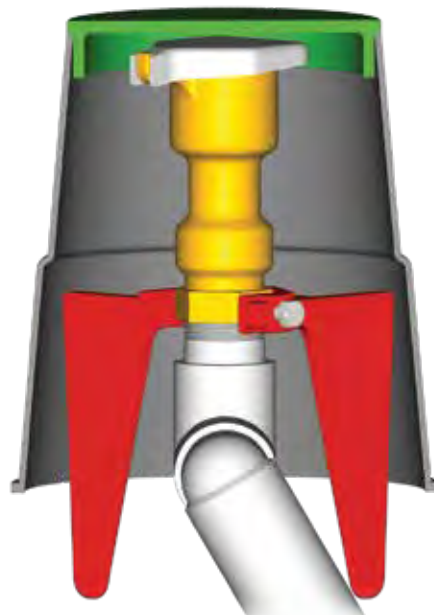
EASY RETROFIT! Installs Without Removing Valve or Valve Box - Fits in 6" Round Box or Larger!



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

ordering

Part # QCA-075100	The Claw™ for ¾" and 1" valves
Part # QCA-150	The Claw™ for 1½" valves



Ultra Brass™ *Gold Series* Quick Coupler Valves

DURABLE SOLID BRASS, SINGLE SLOT/LUG ESSENTIALS BUILT TO LAST.

Underhill Valves are Constructed of Solid Red Brass and Stainless Steel, with High Visibility Vinyl Covers, Our Valves Incorporate Rugged 1 and 2 Piece Design Options.

QVS Series

ONE PIECE BODY/SINGLE SLOT

- Red Brass
- Interchanges with Rain Bird, Toro, Hunter & Buckner
- Stainless Steel Accessories
- Spring Loaded Vinyl Covers

1-piece Valve
($\frac{3}{4}$ " FPT inlet)
Part # QV-075R



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



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



Cutaway of
2-Piece Valve

2-piece Valve
($\frac{3}{4}$ " FPT inlet)
Part # QV-075-2P



2-piece Valve
(1" FPT inlet)
Part # QV-100-2P



QVD Series

TWO PIECE BODY/SINGLE SLOT

- Red Brass
- Interchanges with Rain Bird, Toro, Hunter & Buckner
- Stainless Steel Accessories
- Spring Loaded Vinyl Covers

Cross Reference Chart

Single Piece Body - Brass Quick Couplers					
Underhill Model No.	Description	Buckner	Rain Bird	Toro	Hunter
QV-075R	$\frac{3}{4}$ " Quick Coupler w/ Yellow Rubber Cover	QCVO75R	3RC	473-01	N/A
QV-100R	1" Quick Coupler w/ Yellow Rubber Cover	QCV100R	33DRC	473-21	N/A
QV-150R	1 1/2" Quick Coupler w/ Yellow Rubber Cover	QCV151R	N/A	476-01	N/A
Two-Piece Body - Brass Quick Couplers					
Underhill Model No.	Description	Buckner	Rain Bird	Toro	Hunter
QV-075-2P	$\frac{3}{4}$ " Quick Coupler w/ Yellow Rubber Cover	QB33RC07	N/A	N/A	N/A
QV-100-2P	1" Quick Coupler w/ Yellow Rubber Cover	QB44RC10	44-RC	100-2SLVC	HQ-44

Ultra Brass™ *Gold Series* Quick Coupler Keys

ULTRA BRASS KEYS ARE HEAVY DUTY SOLID BRASS WITH STAINLESS STEEL

Single Lug designed to fit Underhill Ultra Brass Quick Coupler QVS Series 1-Piece Valves, And QVD Series 2-Piece Valves, Also Compatible with Other Popular Valve Brands.
(See Cross Reference Chart Below)

QKS Series

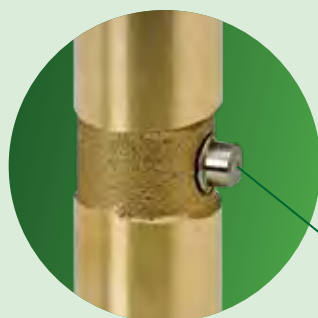
- Red Brass
- Works with Both One Piece and Two Piece Quick Couplers
- Interchanges with Rain Bird, Toro, Hunter & Buckner
- Heavy Duty Galvanized Handles
- Stainless Steel; Single Lug on all models



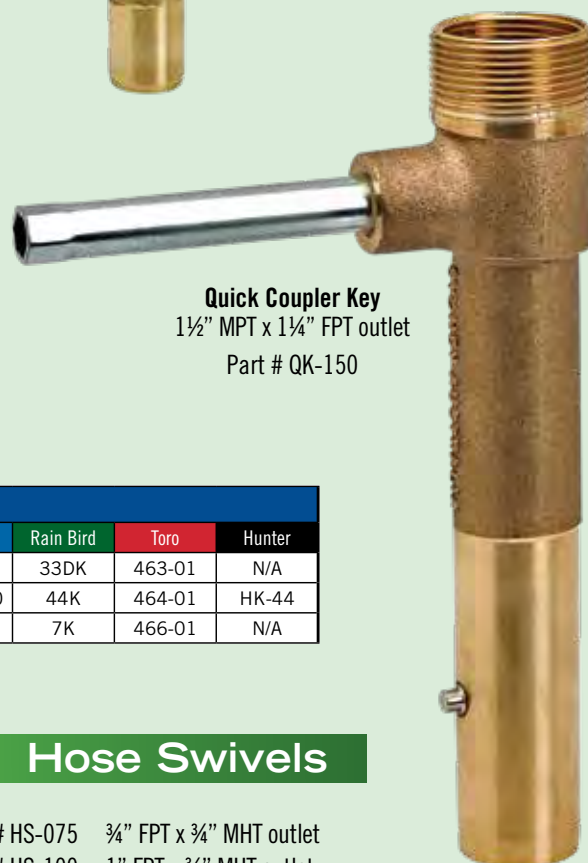
Quick Coupler Key
1" MPT x 3/4" FPT outlet
Part # QK-100



Quick Coupler Key
3/4" MPT x 1/2" FPT outlet
Part # QK-075



Stainless Steel Lugs
for Longer Life



Quick Coupler Key
1 1/2" MPT x 1 1/4" FPT outlet
Part # QK-150

Cross Reference Chart

Brass Quick Coupler Keys (Single Lug) - Fits the Following Quick Couplers

Underhill Model No.	Description	Buckner	Rain Bird	Toro	Hunter
QK-075	3/4" MPT x 1/2" FPT Key	Q33K07	33DK	463-01	N/A
QK-100	1" MPT x 3/4" FPT Key	QB44K10	44K	464-01	HK-44
QK-150	1 1/2" MPT x 1 1/4" FPT Key	QC151	7K	466-01	N/A



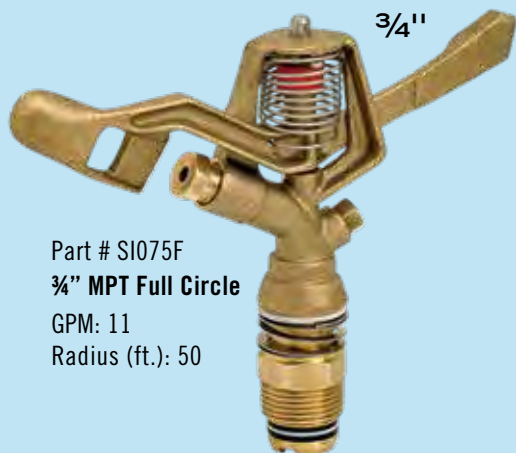
Hose Swivels

- 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

Ultra Brass™ *Gold Series* Impact Sprinklers

Solid Brass, Ultra-Reliable Work Horses for Reliable, Trouble-Free, High-Performance Year after Year... You Can't Beat Our Proven Impact Drive Sprinklers. Designed with High Uniformity Nozzles, Available in Full Circle and Full/Part Circle Models Along with Additional Nozzle (Gpm/Radius) Options.

Full Circle Sprinklers



Part # SI075F
3/4" MPT Full Circle
GPM: 11
Radius (ft.): 50



Part # SI100F
1" MPT Full Circle
GPM: 25.4
Radius (ft.): 66



Part # SI125F
1 1/4" MPT Full Circle
GPM: 48.3
Radius (ft.): 93

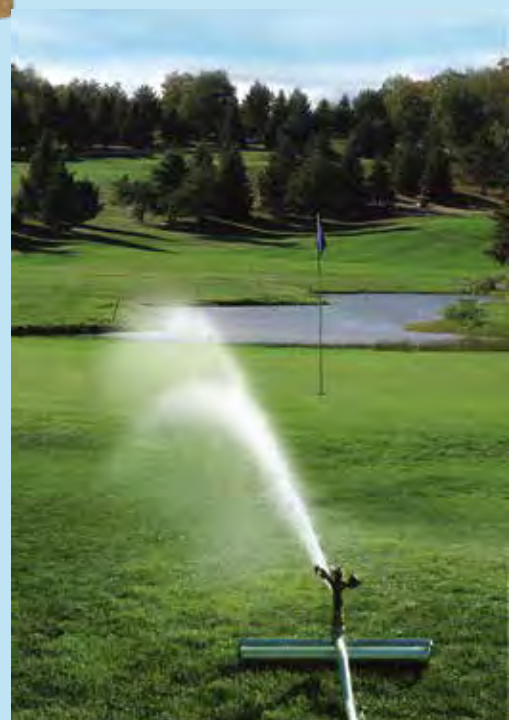
features

- Solid Brass Construction
- Stainless Steel Drive Spring
- Bearing Assemble Hood for longer wear life
- Chemical Resistance Bearing Seals
- Straight-Flow, Low Pressure Loss
- Standard Solid Brass Nozzle included

Performance data shown with standard nozzle set @ 80 psi

ordering	Full Circle	GPM	Radius (ft.)
Part # SI075F	3/4" MPT Full Circle	11	50
Part # SI100F	1" MPT Full Circle	25.4	66
Part # SI125F	1 1/4" MPT Full Circle	48.3	93

GPM and radius will vary with pressure at sprinkler

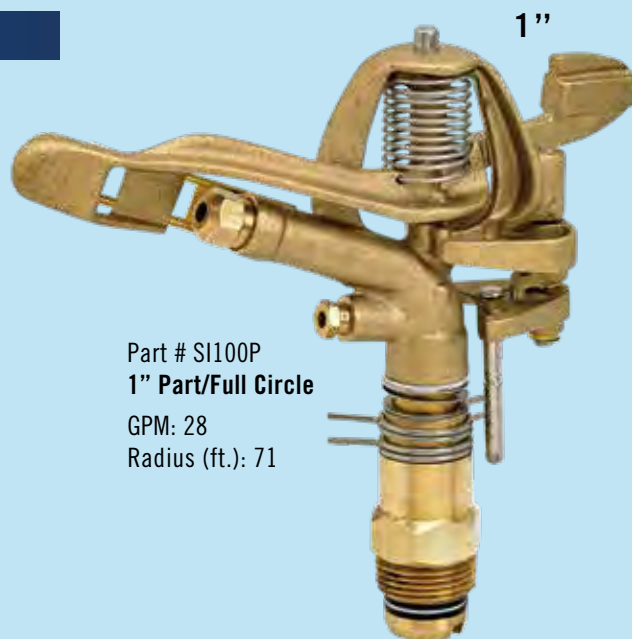


Ultra Brass™ *Gold Series* Impact Sprinklers

Part/Full Circle Sprinklers



Part # SI075P
3/4" MPT Part/Full Circle
GPM: 8.3
Radius (ft.): 93



Part # SI100P
1" MPT Part/Full Circle
GPM: 28
Radius (ft.): 71



Part # SI125P
1 1/4" MPT Part/Full Circle
GPM: 66
Radius (ft.): 94

features

- Solid Brass Construction
- Stainless Steel Drive Spring
- Bearing Assemble Hood for longer wear life
- Chemical Resistance Bearing Seals
- Straight-Flow, Low Pressure Loss
- Standard Solid Brass Nozzle included

Other Nozzle Options are Available:

Larger and Smaller Nozzle available for most models.
See List Pricing or: www.underhill.us

Underhill® brass impacts atop the RollerPro™ portable base puts a powerful sprinkler anywhere you can run a hose. (See page 20)

Performance data shown with standard nozzle set @ 80 psi

ordering	Part/Full Circle	GPM	Radius (ft.)
Part # SI075P	3/4" MPT Part/Full Circle	8.3	93
Part # SI100P	1" MPT Part/Full Circle	28	71
Part # SI125P	1 1/4" MPT Part/Full Circle	66	94

GPM and radius will vary with pressure at sprinkler



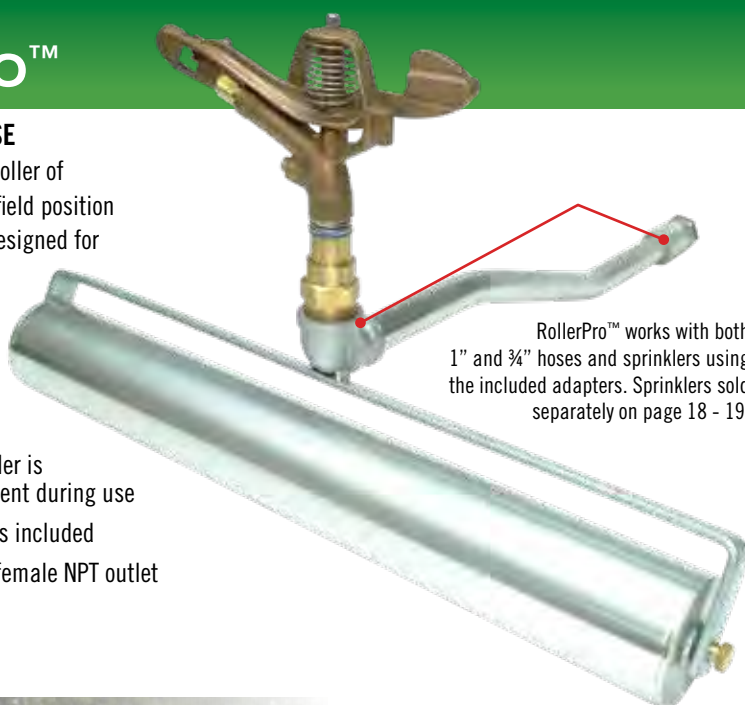
RollerPro™

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 18 - 19.



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 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.)

ideal for

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

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)

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 than when it's 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.



ordering

Part # NG655-01 TurfSpy™ Glasses and Deluxe Case

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.

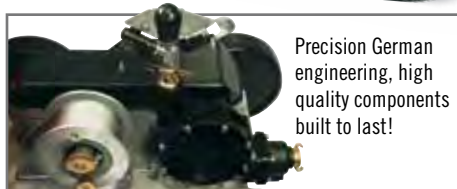
Tracker™ requires minimal labor to operate. Powered by water, it pulls itself along a nylon cable, dragging up to 360 ft. of 1" reinforced heavy-duty hose (sold separately). Each pass irrigates about 2/3 acre per 8 hours of operations.

Scan to learn more!



features

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



Precision German engineering, high quality components built to last!

specifications

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

ordering

Part # T-400
Tracker™ Irrigation Machine

Gulp™ **ULTRAMAX PLUS**

PREMIUM WATER REMOVAL PUMPS

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.

unique features

- Highest Quality Materials and Attention to Details
- Unique Replacement Plunger Seal and O-Ring Wiper Seal Assemblies for Extra Long Pump Life
- Self Priming, High Volume Water Capacity
- Super-Grip Ergonomic Pump Handle
- Super Smooth & Durable Pumping Action
- Replacement Part Kits Available

The ONLY pump that completely disassembles for easy cleaning!



MudGuard™

- Built-in Filter minimizes clogging and makes pumping easier.
- A must have accessory for dirty water use
- Easy on and off for cleaning out debris



Included with 36" Big Gulp



BIG GULP ULTRAMAX PLUS

- 35 oz./stroke
- 36" pump chamber
- 72" or 36" outlet hose available

Part # A-G3672CK

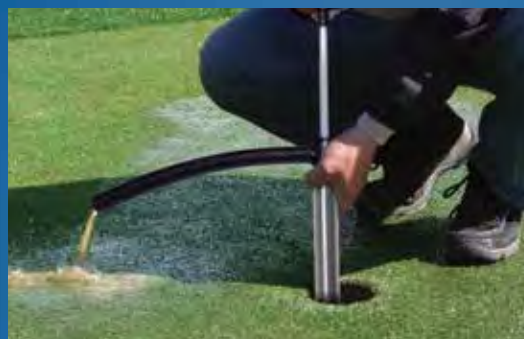
Part # A-G3636CK

Gulp™ ULTRAMAX PLUS

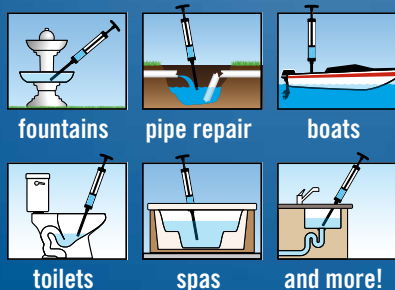
PREMIUM WATER REMOVAL PUMPS



Discharge Hose
(36" or 18")



also great for



MudGuard
also sold
seperately



Easy to clean,
replacement parts
available.



GULP ULTRAMAX PLUS

- 18 oz./stroke
- 14" clear pump chamber
- 36" or 18" outlet hose available

Part # A-G1236-C
Part # A-G12-C



GULP SYRINGE ULTRA

- 12 oz./stroke
- 12" pump chamber

Part # A-G12S-C



ordering

Part # A-G3672CK	BIG Gulp™ UltraMax Plus w/ 72" outlet hose
Part # A-G3636CK	BIG Gulp™ UltraMax Plus w/ 36" outlet hose
Part # A-G1236-C	Gulp™ UltraMax Plus w/ 36" outlet hose
Part # A-G12-C	Gulp™ UltraMax Plus w/ 18" outlet hose
Part # A-G12S-C	Gulp™ Syringe Ultra
Part # A-GBV	Gulp Bottom Valve
Part # A-GMG	MudGuard package
Part # A-GRPP	Replacement parts package
Part # A-GTUB-C	Outlet hose - 100 ft. roll

CatchCan **ULTRA**

Finally, an Irrigation Auditing Cup Designed with Features That Get The Job Done Right, Quickly and Accurately.
Precise Measurements Of Sprinkler Performance To Help Maximize Water Savings!

Built For The Pro

- Easy To Read
- Easy To Transport
- Built To Last

Wide 6" Throat Area
Improves Close-in
Catchment

Straight Vertical Sides
Reduces Splash-out,
Improves Catchment
Accuracy

Stable 3-Legged Stand
Easily Anchors in
Turf and Slopes

Tinted Cup for
Faster Reading

Large Inch and mL
Values for Fast
Data Collection

**2 Piece Cup
& Stand**
For Fast Setup,
Teardown, Transport
and Storage

**Easy to Setup,
Easy to Check
Easier Auditing!**

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 12 Pack Kit (comes with instructions)

ordering

Part # CCUPK-12	CatchCan Ultra Cup & Stand - 12 Pack
Part # CCUC	CatchCan Ultra Replacement Cups - 6 Pack
Part # CCUS	CatchCan Ultra Replacement Stands - 6 Pack

AuditMaster™

EXPERT SPRINKLER PERFORMANCE TESTING PRO 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.

ordering

Part # AUD-LT **AUD-LT Pro Kit (Pictured):** Includes 36 CatchCan Ultras, Pressure Checker with Gauge/Hose/Pitot Tube, Schrader Valve, Pressure Checker with Spray Head Adapter, Hose Bib Tap, Stop Watch, Anemometer Wind Gauge, 100 ft Measuring Tape, 50 Marking Flags, Wheeled Carry Case.

Part # SALESPRO4 AuditMaster Carry Case

Part # A-STW Stop Watch

Part # A-WIND Anemometer Wind Gauge

Part # MT-100 Fiberglass Measuring Tape (100')

Part # A-FLAG	Marking Flags: Yellow - 50 Pack
Part # A-FLAG-B	Marking Flags: Blue - 50 Pack
Part # A-FLAG-O	Marking Flags: Orange - 50 Pack
Part # A-FLAG-P	Marking Flags: Pink - 50 Pack
Part # A-FLAG-R	Marking Flags: Red - 50 Pack
Part # A-FLAG-W	Marking Flags: White - 50 Pack

Pressure Checkers

NOZZLE DISCHARGE PRESSURE GAUGES & ADAPTERS

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

ordering

Part # A-PHG-160K PressureChecker™ gauge, 30" Flex Hose, Pitot Tube

Part # A-HCGPK PressureChecker™ gauge and Pitot tube

Part # A-SV-160K PressureChecker™ gauge with Schrader Valve Adapter

Part # A-SHG-160K PressureChecker™ gauge with Spray Head Adapter

Part # A-HBG-160K PressureChecker™ with 3/4" POC Hose Bib Tap

Part # A-PG160L PressureChecker™ 160 psi pressure gauge only

Part # A-HCP Pitot tube only

Part # A-HBT 3/4" Hose Thread x 1/4" Brass Hose Bib Tap

Part # A-SHA Spray Head Adapter



PITOT TUBE



SCHRADER VALVE



SPRAY HEAD



POC HOSE BIB



Serious about saving water?

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



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

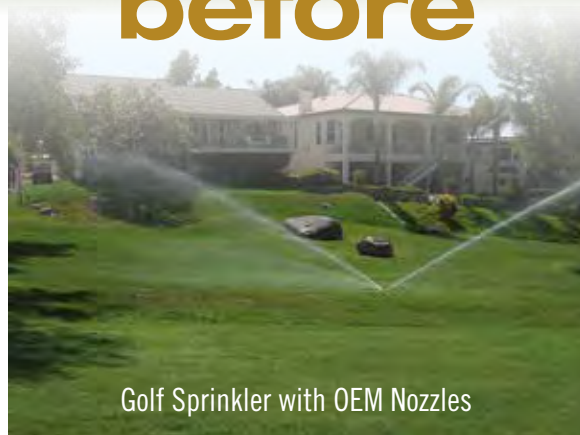


835S SERIES Full Circle: Midrange/Close-in Nozzle Set		
Part #	Nozzle Color: midrange / close-in	
T835S-WP	White / Plug	

630 SERIES CALL FOR AVAILABILITY

Profile™ Solid Metal Golf Sprinkler Nozzles Ultra-High Uniformity

before



Golf Sprinkler with OEM Nozzles

August 14



Profile nozzles installed in problem area.



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, 880, 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, 880
T880-BY	Black / Yellow	880
T854-BY	Black / Yellow	854S, 880
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

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

It's time to **replace** your 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.

after



Same Golf Sprinkler with **Profile** Nozzles

September 6



Uniform distribution restored, turf is green and healthy.

Scan to learn more!



See how Superintendents are upgrading their entire golf courses!

Video online now at www.underhill.us



Profile™ nozzles for Rain Bird®



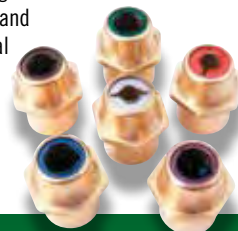
EAGLE 700 SERIES

Full Circle: Midrange/Close-in Nozzles

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



All original equipment manufacturers, names and products presented in this publication are used for identification purposes only, and we are in no way implying that any of our products are original equipment parts. Toro® is a registered trademark of the Toro Company, Rain Bird® is a registered trademark of the Rain Bird Sprinkler Manufacturing Corporation.

PRO'S CHOICE WETTING AGENTS

The "Smart" Solution for Greens...
Tees, Fairways & Roughs too!

*Ultimate Penetrant Plus Holder...
No Immediate Watering is Necessary!*

Tournament-Ready®
100% ACTIVE Ingredient
PREMIUM PENETRANT SOIL SURFACTANT

Don't Settle For Less, Choose the Best!

*45 years of Research and Development in Pioneering
High Performance Wetting Agent Products*



What Makes Tournament-Ready® So Special?

3 Key Components utilizing Smart Surfactant Technology™

Component #1: Quick wetting penetration of soils, plus moves water out of water saturated soils.

How does it do it? Immediately relieves LDS and wets the soil profile where most competitive products will not wet the soil immediately and efficiently.

Component #2: Moves excess water out and keeps doing it

How does it do it? Tournament-Ready will reduce the surface tension and attraction of water molecules to each other, making water "spread and infiltrate". The effect will increase the downward movement of excess water out of the root zone while decreasing the upward movement of capillary water in the soil. This will remove excess water from the 12" zone of a USGA or California style green.

Component #3: Holds water in the right place where it should

How does it do it? Relieves LDS in thatch that won't wet, but will not leave thatch permanently wet. It will dry down like any part of the green, but allow water to continue to re-wet the area when Tournament-Ready is in use.

Note: Tournament-Ready does not require watering in and is non-phytotoxic but to achieve the results mentioned above, it is recommended to water in the product following application.



Tournament-Ready®



ordering

Part # UHTUR02	TOURNAMENT-READY (2.5 Gal/9.48 Liter Jug) Soil Surfactant
Part # UHTUR30	TOURNAMENT-READY (30 Gal/114 Liter Drum) Soil Surfactant
Part # UHTUR55	TOURNAMENT-READY (55 Gal/208 Liter Drum) Soil Surfactant
Part # UHTUR265	TOURNAMENT-READY (265 Gal/1003 Liter Tote) Soil Surfactant



2.5 Gal / 9.48 L / 2 per case
30 Gal / 113 L drum

H2O Maximizer™ LIQUID

NONIONIC SOIL SURFACTANT, POLYMER RESIN BLEND

- Unique soil surfactant and polymer resin blend that can be tank mixed for spray application or injected directly into irrigation flow
- Surfactant ingredients provide initial soil wetting action while polymer resin adsorbs to soil particles for enhanced water retention
- Reduced watering requirements are achieved through surfactant's reduction of surface tension combined with polymer resin's attachment to soil particles for greater water holding capacity to guard against plant stress
- Polymer resin boosts water retention in soil to deliver enhanced residual activity

ordering

Part # UHHMAX02 H2O MAXIMIZER (2.5 Gal/9.48 Liters Jug) Surfactant/Polymer Resin Blend
Part # UHHMAX30 H2O MAXIMIZER (30 Gal/114 Liters Drum) Surfactant/Polymer Resin Blend



2.5 Gal / 9.48 L / 2 per case
30 Gal / 113 L drum

Medalist® Spray +

ECONOMICAL NONIONIC SOIL SURFACTANT BLEND FOR SEASON-LONG APPLICATIONS

- Medalist, when used in a scheduled, water management program, will eliminate turf localized dry spot and enhance turf quality while reducing watering frequency
- Medalist's lower active formula incorporates the same university tested ingredients found in Tournament-Ready Soil Surfactant to deliver comparable performance to leading competitive products at a reduced price
- Get the most out of rain and irrigation
- Saves money on water and energy costs

ordering

Part # UHMED02 MEDALIST (2.5 Gal/9.48 Liters Jug) Soil Surfactant
Part # UHMED30 MEDALIST (30 Gal/114 Liters Drum) Soil Surfactant



30 Gal / 114 L drum

Hydro-Wet® Injectable LIQUID

NONIONIC SOIL AND TURF WETTING AGENT FOR IRRIGATION INJECTION

- Hydro-Wet Injectable improves infiltration and penetration of rainfall and irrigation water
- Minimizes water loss due to run-off and evaporation
- Formulated for use with irrigation system metering equipment
- Hydro-Wet's high affinity for water drives down surface moisture to avoid spongy turf and standing water
- When university tested in comparison to 10 leading competitors, Hydro-Wet provided superior performance at reducing soil repellency

ordering

Part # UHHYI30 HYDRO-WET INJECTABLE (30 Gal/114 Liters Drum) Liquid Concentrate



Tournament-Ready® Plus™ with Actosol® Pellets

PROVEN TOURNAMENT-READY FORMULA W/ ACTOSOL AND MICRONUTRIENTS

- A combination of Tournament-Ready proven formula but with the addition of humic and fulvic acid, and micronutrients
- Uniform moisture management (doesn't bind in the thatch layer)
- Increases soil moisture without causing "spongy turf" problems
- The multiple benefits of humic and fulvic acids, calcium, and iron

ordering

Part # UHTRPLPEL TOURNAMENT-READY PLUS PELLETS (8 oz/227 gm Pellet)



8 oz /227 gm pellet
16 pellets per case

Tournament-Ready® Pellets

PROVEN TOURNAMENT-READY FORMULA IN SOLID PELLET FORM

- Same University tested formula in solid pellet for supplemental treatments
- Treat small turf areas while hand watering using Underhill PelletPro applicator
- Inert binder is carrier for Tournament-Ready Soil Surfactant for metered hand watering application
- Tournament-Ready Pellets help cool canopy temperatures of turfgrass during high heat, stress conditions
- Pellet jar can be inserted in pellet applicator reservoir to modulate soil surfactant output

ordering

Part # UHTRPEL TOURNAMENT-READY PELLETS (6 oz/170 gm Pellet)



6 oz /170 gm pellet
24 pellets per case



Hydro-Wet® Pellets

CONCENTRATED HYDRO-WET IN SOLID PELLET FORM

- Same University-tested Hydro-Wet formula in solid pellet form for supplemental treatments while hand watering turf areas
- Hydro-Wet Pellets help to cool the canopy temperatures of turfgrass during high heat, stress conditions
- Apply with PelletPro Applicator

ordering

Part # UHPEL-6 HYDRO-WET PELLETS (6 oz/170 gm pellet)



6 oz / 170 gm pellets
24 pellets per case

H2O Maximizer® Pellets

HOLD MORE PLANT AVAILABLE WATER W/ H2O MAXIMIZER PELLETS

- Increase irrigation and rain efficiency by enhancing plant available water
- Improve water infiltration and water holding capacity of soil
- Remains active in the soil for 4-6 weeks, then bio-degrades into natural materials
- Polymer resin delivers increased plant available water

ordering

Part # UHH2OPEL H2O Maximizer PELLETS (8 oz/227 gm pellet)



8 oz /227 gm pellet
16 pellets per case

WETTING AGENT QUICK SELECT GUIDE

LIQUID

PRODUCT	FUNCTION	ACTIVE INGREDIENT	APPLICATIONS OUTSTANDING FOR:
Tournament Ready® Liquid	<ul style="list-style-type: none"> Penetrates Hydrates LONGER under ALL conditions 	100%	<ul style="list-style-type: none"> Greens
Medalist® Liquid	<ul style="list-style-type: none"> Penetrates Hydrates under ALL conditions 	52%	<ul style="list-style-type: none"> Approaches Tees Fairways Roughs
H2O Maximizer® Liquid <i>SPECIALTY</i>	<ul style="list-style-type: none"> Penetrates Ultra Hydration - Holds MORE water for dry conditions 	28%	<ul style="list-style-type: none"> Bunker Facings New Sod/Seeding Fairways Roughs <i>Economy Choices:</i> <ul style="list-style-type: none"> Approaches Tees Roughs Fairways

PELLETS

PRODUCT	FUNCTION	APPLICATIONS OUTSTANDING FOR:
Tournament Ready® Plus™ with Actosol® Pellets <i>SPECIALTY</i>	<ul style="list-style-type: none"> Penetrates Hydrates LONGER under ALL conditions Root Enhancing 	<ul style="list-style-type: none"> Greens
Tournament Ready® Pellets	<ul style="list-style-type: none"> Penetrates Hydrates LONGER under ALL conditions 	<ul style="list-style-type: none"> Greens
Hydro-Wet® Pellets <i>SPECIALTY</i>	<ul style="list-style-type: none"> Ultra Penetrates 	<ul style="list-style-type: none"> Fairways Tees Approaches Roughs
H2O Maximizer® Pellets <i>SPECIALTY</i>	<ul style="list-style-type: none"> Penetrates Ultra Hydration 	<ul style="list-style-type: none"> Bunker Facings New Sod/Seeding Fairways Roughs <i>Economy Choices:</i> <ul style="list-style-type: none"> Approaches Tees Roughs Fairways

SPECIALTY PRODUCTS



1 Qt / 946ml jug
12 per case

Bio-90™

NONIONIC SURFACTANT / TANK MIX ADJUVANT

- Use Bio-90 when accompanying pesticide label instructions recommend the use of a nonionic surfactant tank mix adjuvant
- Bio-90 optimizes the performance of turf fungicides, insecticides and herbicides
- Use Bio-90 when uniform spray coverage and penetration into the targeted plant surface is preferred
- Bio-90 contains rainfast ingredient to minimize wash-off
- Bio-90 contains an antifoam ingredient to suppress troublesome foam during agitation

Cadence™

NONIONIC ORGANOSILOXANE / SPREADER / PENETRANT BLEND

- Cadence is a low use rate, spreader-activator tank mix adjuvant that significantly improves the performance of pesticide and fertilizer spray applications
- Use Cadence when the accompanying pesticide label instructions recommend the use of a nonionic surfactant
- Cadence's super spreading action is the result of reducing surface tension dramatically lower than traditional nonionic surfactant adjuvants
- Unlike conventional surfactants, Cadence rapidly covers and penetrates waxy plant surfaces to allow larger amounts of active ingredient to enter the plant
- Cadence works as a dew control agent for turf and as a mulch, peat or potting soil surfactant



1 Qt / 946ml jug
6 per case

Water FX™

DRY WATER CONDITIONER / ACIDIFYING AGENT ADJUVANT

- Water FX effectively sequesters hard water minerals such as calcium, magnesium and iron that can interfere with many pesticide active ingredients
- Water FX lowers spray water pH to ensure full effectiveness of many insecticides, fungicides and herbicide sprays that perform better in moderately acidic water
- Certain pesticide active ingredients will be more effective and are more readily available to the plant with the use of Water FX



4 lb / 1.8kg jar
6 per case

ordering

Part # BI901Qt Bio-90 (1 Qt/946ml Jug) 90% Spreader-Activator/Nonionic Surfactant
Part # CADEN1Q Cadence (1 Qt/946ml Jug) Organosiloxane/Spreader/Penetrant Blend
Part # WFX04 WATER FX (4 lb/1.8 kg Jar) Dry Water Conditioner/Acidifying Agent



Anti-Foam™

ANTIFOAMING AND DEFOAMING AGENT

- Anti-Foam is a fast, effective defoamer for use in suppressing foam, controlling foam reduces filling time and lessens overflow waste
- Anti-Foam improves spray performance
- Silicone and surfactant blend work in tandem to quickly dissipate troublesome foam that forms during agitation

ordering

Part # AF1Q ANTI-FOAM (1 Qt/946 ml Bottle)

K-Klean™

LIQUID TANK CLEANER

- K-Klean is an effective cleaner for metal, fiberglass and plastic spray systems
- K-Klean aids in the removal of dirt, grime, grease, chemical and fertilizer residues from tanks and equipment
- K-Klean helps eliminate rust and scale and keeps costly equipment in ready-to-use condition



1 Gal / 3.79 L jug
4 per case

ordering

Part # KKLEAN01 K-KLEAN (1 Gal/3.79 Liters Jug) Liquid Tank Cleaner



1 lb / 456 gm jar
12 per case

Tank Cleaner™

DRY TANK & EQUIPMENT CLEANER

- Tank Cleaner is designed for cleaning tanks, lines and nozzles to remove pesticide, herbicide and fertilizer residues
- Tank Cleaner also removes light rust and dissolves deposit buildups while leaving a protective film that helps prevent corrosion
- Color dye in Tank Cleaner indicates ingredients are still active in solution

ordering

Part # TC01 TANK CLEANER (1 lb/456 gm Jar)
Dry Tank & Equipment Cleaner

Benchmark™

ALL SEASON FOAM MARKER

- This foam concentrate is specially formulated to deliver long lasting foam in a range of weather and field conditions
- This highly concentrated formula, when used as directed will produce thick, white, highly visible foam. Benchmark can be used with any compressed air foam marking equipment to provide long lasting foam deposits on turf or soil areas to avoid over-sprays or skips
- Benchmark is formulated with conditioners for hard water situations and can be used with foam colorants

ordering

Part # BMK01 BENCHMARK Foam Marking Agent (1 Gal/3.79 Liters Jug)



1 Gal / 3.79 L jug
4 per case





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



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



Scan to learn more!

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.



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."



MADE IN USA

6-Pack Polybottles & Carrier

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-PPWASHNK	PelletPro Applicator Gun (with 1" FHT x 3/4" MHT Adaptor) with RainPro Nozzle	
Part # A-PPWASHNK-E	PelletPro Applicator Gun (with 3/4" quick connect adaptor) with RainPro Nozzle	
Part # A-PPB	In-line Filter Bowl (gasket not included)	
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-LPWWASHNK	LiquidPro Applicator Gun (with 1" FHT x 3/4" MHT Adaptor) with RainPro Nozzle	
Part # A-LPWWASHNK-E	LiquidPro Applicator Gun (with 3/4" quick connect adaptor) with RainPro Nozzle	
Part # A-LPWAB-6	6-Pack of 32 oz. Polybottles and Carrier	

RainPro™ Nozzle



Now available on PelletPro and LiquidPro Applicator Guns!

Flo-Pro™ Inline

IN-LINE APPLICATOR FOR LIQUID WETTING AGENT

The lightweight portable solution to apply surfactant to tight hydrophobic soils. Also, ideal for liquid or soluble fertilizers and soil amendments. Easy connection to water source (quick coupler, HoseTap, etc). Just attach your favorite nozzle like the Precision Cloudburst or RainPro and your ready to go.



features

- Larger 1 gallon tank
- Made of high impact PVC
- Adjustable feed rate
- Can also apply fertilizers and soil amendments

ordering

Part # IHB-1010 Inline applicator includes coupling and On/Off ball valves

Flo-Pro™ Injection

HI-FLO PROPORTIONAL INJECTION SYSTEM

The affordable solution for applying liquid or water soluble wetting agent, fertilizers, acids and soil amendments using your irrigation system. Designed for golf, sports fields, and large landscape commercial applications.



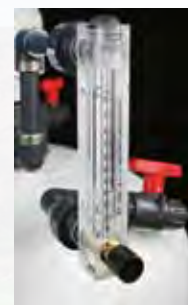
Simple & Affordable

Size the tank needed for your application and connect into the irrigation mainline.

- No Mixing
- No Electricity Required
- No Injection Limit
- No Moving Parts

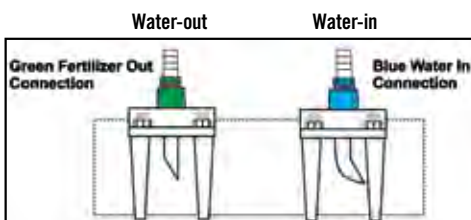
features

- Patented, fluid-flow technology for precise delivery
- Adjustable feed rates for various mixing ratios
- Easy filling - no pre-mixing or pre-blending
- No moving parts means no down time or maintenance



EASY OPERATION

Simply turn dial to the desired injection rate. Just pour wetting agent directly into tank and let your irrigation system do the work... saves man power! (1-20 gallons per hour adjustment)



No pipe cutting required with saddle connection

FOR MORE DETAILS!

Visit the Underhill website: www.underhill.us

For more details specific to inclusions of fitting kits

ordering

Part # IHF-010	10 Gallon Hi-Flo Horizontal Tank System
Part # IHF-017	17 Gallon Hi-Flo Horizontal Tank System
Part # IHF-025	25 Gallon Hi-Flo Horizontal Tank System
Part # IHF-045	45 Gallon Hi-Flo Vertical Tank System
Part # IHF-086	86 Gallon Hi-Flo Vertical Tank System
Part # HFC-200	2" HI-FLO Coupling Connection with Ball Valve
Part # HFC-250	2 1/2" HI-FLO Coupling Connection with Ball Valve
Part # HFC-300	3" HI-FLO Coupling Connection with Ball Valve
Part # HFC-400	4" HI-FLO Coupling Connection with Ball Valve

Part # K-SVF-2	Saddle Venturi Fitting Kit - for 2" Mainlines
Part # K-SVF-3	Saddle Venturi Fitting Kit - for 3" Mainlines
Part # K-SVF-4	Saddle Venturi Fitting Kit - for 4" Mainlines
Part # K-SVF-6	Saddle Venturi Fitting Kit - for 6" Mainlines
Part # K-SVF-8	Saddle Venturi Fitting Kit - for 8" Mainlines
Part # K-SVF-10	Saddle Venturi Fitting Kit - for 10" Mainlines
Part # K-SVF-12	Saddle Venturi Fitting Kit - for 12" Mainlines
Part # K-SVF-16	Saddle Venturi Fitting Kit - for 16" Mainlines

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 yardage marking systems available today and into the future.

Sprinkler Head Yardage Markers

ENGRAVED CAPS



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, INF & FLEX series

COLORS:

Caps ●/○/●/●
Numbers ○/●/●/●/●/●/●



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 ○/●/●/●/●/●/●



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 ○/●/●/●/●/●/●

ALSO AVAILABLE: BLANK REPLACEMENT CAPS FOR TORO, RAIN BIRD, HUNTER!

Tired of paying too much for OEM caps? Now ALL caps are available without yardage markings, just use **Model #** and **OEM Series** for ordering!

METAL ENGRAVED DISCS



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, DT 34/35, 854S, 855S, DT 54/55, 860S, 880S, INF & FLEX series
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 ●/●/●
Numbers ●

SNAP-IN MARKERS



MODEL SPM 103 INFINITY - **TORO** SNAP-IN MARKERS:

OEM UPGRADE to high quality polycarbonate custom fit. One complete, high-visibility marker snaps into OEM plug.



FITS: ALL INFINITY SERIES

COLORS:

Caps ●/○/●/●

Numbers ○/●/●/●/●/●/●

INFINITY SERIES

FITS: Toro 730, 750, 760, 780, 830/850S, 834S, DT 34/35, 854S, DT 54/55, 860S, 880S

COLORS: Snap in ○/●/●

Numbers ○/●

(Reclaimed water - ● no number - available)



MODEL SPM 103 - **TORO** SNAP-IN MARKERS:

OEM UPGRADE to high quality polycarbonate custom fit. One complete, high-visibility marker snaps into OEM plug.



UNIVERSAL METAL ENGRAVED DISCS



MODEL SPM 105 - FITS MOST HEADS & COLLARS:

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



FITS:

Option Universal Crescent 2-7/8"W x 1"H

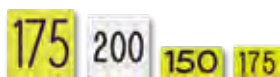
Round Edge 3"W x 1"H

Square Edge 2"W x 3/4"H

COLORS: Tags ●/●/●

Numbers ●

BOND-IN MARKERS

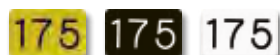


Model SPM 108 - **TORO & Hunter:**

Special engraved plastic material designed to fit into OEM lid recess

FITS: Toro 730, 750, 760, 780, 834S, DT 34/35, 854S, DT 54/55, 860S, 880S and **Hunter** G800, G70/75B, G870, G875, G880, G885, G990, G995

COLORS: Markers - ○/●, **Numbers** - ●



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 - ●/○/●

Insert - ○/●/●

Numbers - ○/●

ordering example

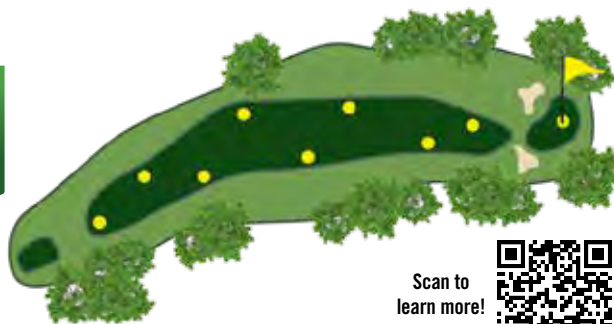
View/download complete ordering guide at www.underhill.us

Marker Model	Sprinkler Mfg	Series	Marker Color	# Color	Qty. of #s on Marker	Total QM on Order
SPM-106	Toro	730	Black	Yellow	1	76

SPECIAL SERVICES

WE OFFER TURN-KEY SOLUTIONS!

Call for detail and quotes!



Scan to learn more!



MAINTENANCE

- Full Course "Walk-Thru", check all current sprinklers, create list of marker repairs.

ordering

SPM-MAINT-09	9 Hole Course
SPM-MAINT-18	18 Hole Course

MEASUREMENT

- LASER Pin point measurement to center of greens

ordering

SPM-MEAS-09	9 Hole Course
SPM-MEAS-18	18 Hole Course

INSTALLATION

- Yardage Marker Installation by Underhill Field Rep, Golf course staff.

ordering

SPM-INSTALL-09	9 Hole Course
SPM-INSTALL-18	18 Hole Course

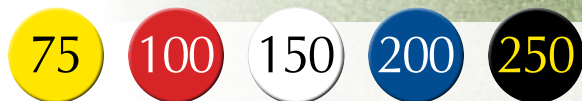
GRUND GUIDE

Fairway / Tee / Range Disc Markers

Large 7 1/2" cap with big bold 3 1/2" 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

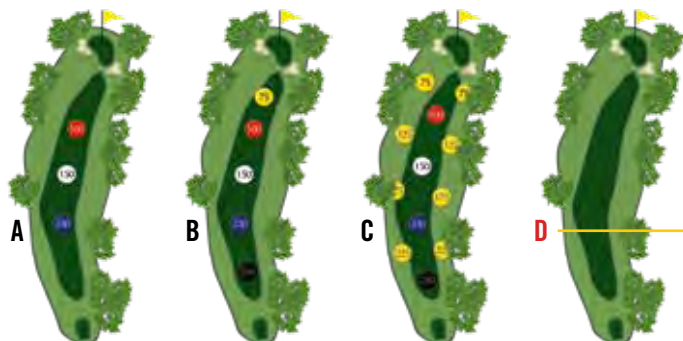
Markers can be customized to display specific multiple numbers, include logos, or custom design.



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

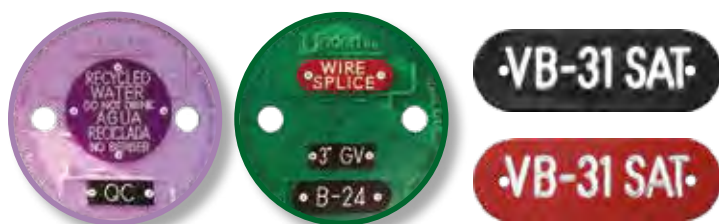
SYSTEM EXAMPLES

- 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.



ordering

Standard Disks with Markings

- FTM-Y-75 Yellow Disk with 75
- FTM-R-100 Red Disk with 100
- FTM-W-150 White Disk with 150
- FTM-BL-200 Blue Disk with 200
- FTM-BK-250 Black Disk with 250
- FTM-RWB-KIT 3 Disks with Yardages (Red/White/Blue)
- FTM-YRWB-KIT 5 Disks with Yardages (Yellow/Red/White/Blue/Black)

Custom Disks for Fairway, Tee Box and Driving Range

- FTM-Y Yellow Disk no markings
- FTM-O Orange Disk no markings
- FTM-R Red Disk no markings
- FTM-W 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 One custom number to disk
- XXXX-#2 Two custom numbers to disk
- XXXX-#3 Three custom numbers to disk
- XXXX-CUST Custom Design; Script
- XXXX-LOGO Logo added to disk
- XXXX-#4 up to 4 flags / targets / yardages
- XXXX-#8 5 to 8 flags / targets / yardages
- XXXX-#12 9 to 12 flags / targets / yardages

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

turboTRIM™

PRO RATCHET SERIES

Patent pending

**Golf Sprinkler Head Trimming
Just Got Easier!**

**THE ONLY TRIMMER WITH A FORWARD &
REVERSE DRIVE RATCHET MECHANISM**

Finally, a unique tool designed and
engineered to help you do the job
like you never could before

Comfortable Rubber
Handle Grips

Super Heavy Duty
Steel Construction &
Powder Coated Finish

Heavy Duty
Easy to Install
Cutting Blade

Pro Ratchet Drive
with Left & Right
Direction Option

Blade Depth
Stopper Keeps
Wires from
Getting Cut!

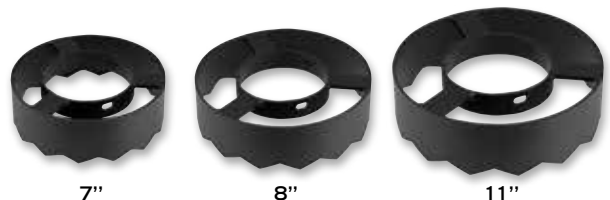


Manual and Power Trimming Options>>

ordering

Part # TTRT-100	Turbo Trim Tool, without cutting blade
Part # TTRC-007	Turbo Trim 7" cutting blade
Part # TTRC-008	Turbo Trim 8" cutting blade
Part # TTRC-011	Turbo Trim 11" cutting blade

Cutting Blades available in 3 sizes



NEW! **PowerTRIM™** PRO SERIES

Patent pending

Trimming Golf Sprinkler Heads,
Fairway Yardage Markers
& Round Valve Boxes...

JUST GOT FASTER!

Introducing PowerTrim Cutting
Blades for quick and efficient
power grass trimming



Designed to fit most major straight shaft power trimmer brands

- Heavy duty steel construction
- Easy to install blade
- Fast-quality trim, cost efficient blade design

7" Cutting Blades

TURBO TRIM Part # TTRC-007	Toro: 730, 760, 860, 830, 834S, DT 34/35, 835, 630	Rain Bird: 700, 751 (New Series)
POWER TRIM Part # PTC-007	Toro: 730, 760, 860, 830, 834S, DT 34/35, 835, 630	Rain Bird: 700, 751 (New Series)
6" Round Valve Boxes		

8" Cutting Blades

TURBO TRIM Part # TTRC-008	Toro: 670, 750, 780, 854, 855, 880DT 54/55, 650, Infinity Series	Rain Bird: E700, E750, 900, E950 (Newer Series)
POWER TRIM Part # PTC-008	Toro: 670, 750, 780, 854, 855, 880DT 54/55, 650, Infinity Series	Rain Bird: E700, E750, 900, E950 (Newer Series)
Hunter: 800, 900 Series		

11" Cutting Blades

TURBO TRIM Part # TTRC-011	Toro: 690	Kirby Fairway Markers, 9" & 10" Round Valve Boxes
POWER TRIM Part # PTC-011	Toro: 690	



*Each Power Trim blade includes a
1" Arbor hole and 20mm bushing
for ECHO brand trimmers*

Cutting Blades available in 3 sizes



ordering

Part # PTC-007	Power Trim 7" Cutting Blade
Part # PTC-008	Power Trim 8" Cutting Blade
Part # PTC-011	Power Trim 11" Cutting Blade

Note: Power trimmer shown is not included.

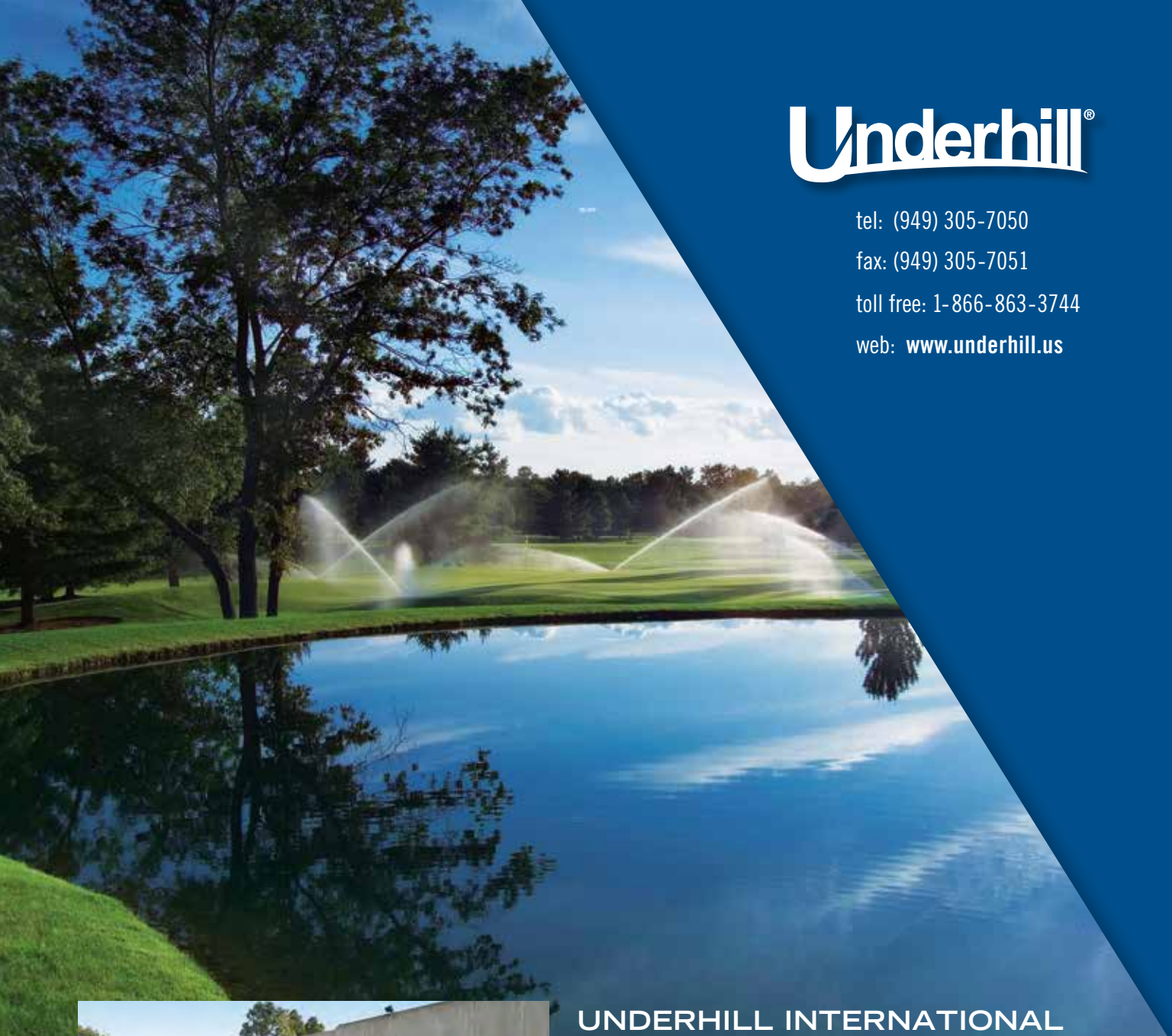
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UNDERHILL INTERNATIONAL

An industry leader in innovative watering products all over the world, Underhill® brings 38 years of know-how in developing our inventory of **Products that work... smart.™**

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