

**TORO**

Count on it.

## **INFINITY™ SERIES with SMART ACCESS™**

**One sprinkler. Countless benefits. Infinite possibilities.**

The New Toro® INFINITY™ Series Sprinklers are designed with your course's future in mind. A patented SMART ACCESS™ design enables you to add new technology for decades to come – using only a screwdriver.



# INFINITY™ SERIES with SMART ACCESS™

INTRODUCING TORO® INFINITY™ SERIES GOLF SPRINKLERS  
Golf sprinklers with all the efficiency and proven performance features and benefits of the 800S and DT Series and more. Countless Benefits. Infinite Possibilities.



The opportunities are limitless with the new Toro INFINITY Series golf sprinkler. From immediate convenience, compatibility and labor savings to extra capacity for future technologies, INFINITY keeps you ahead of the game for decades to come.



GDC 2-wire module accessible from the top



Wire splices protected in the SMART ACCESS compartment and accessible from the top



Pilot valve accessible from the top without shutting off water source

The patented INFINITY Series sprinklers are designed to save you time and with your course's future in mind. Whether you choose a Toro Satellite or 2-wire control system the patented SMART ACCESS™ design enables you to add new technology for decades to come. You won't need to invest in new sprinklers as technology advances, because the INFINITY Series are built for flexible expansion, not replacement, to keep your course looking its best and your golfers playing.

**TOP LINE THINKING**

The new INFINITY™ Series changes everything for the better: course quality, workload and most important, it keeps players playing. Calculate the money you'll save by cutting sprinkler maintenance from hours to minutes. And just think about how much better your course will look when you replace shovels with screwdrivers. No holes or piles of dirt to draw unwanted attention from players or the Greens Committee.



**BOTTOM LINE THINKING**

The new INFINITY™ Series provides all the efficiency and proven performance features and benefits of the 800S and DT Series, without increasing the overall size of the sprinklers. With SMART ACCESS™ you can access all sprinkler components from the top. Adding new capabilities is just as easy, making the future a welcome change.

**REAL WORLD THINKING**

The benefits to course maintenance and quality are countless, but it's the professional benefits that really make the INFINITY™ Series the smart choice. The latest innovation from TORO, INFINITY let's you truly manage your work crews, budgets and course improvements now and in the future. That not only helps you keep your course looking and playing its best, it makes you look pretty good, too.



Customizable with golf course logo and/or yardage marker



INFINITY. Engineered for Today's Challenges. Designed for Tomorrow's Technologies.



SMART ACCESS Provides top accessibility to all critical components.



Future-proof your investment. The SMART ACCESS compartment provides room to grow.

Learn more at:  
**toro.com**



Count on it.



**Trajectory adjustment**

INFINITY SERIES models are available. In 24-position Tru-Jjectory or Dual trajectory to help fight the wind, avoid obstacles or to reduce the radius.



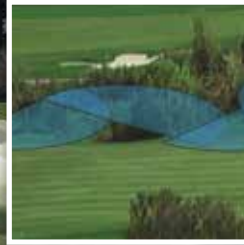
**Industry's largest high performance nozzle selection**

From 6,0 m to 30,5 m (20' to 100') we've got you covered! Only Toro provides the flexibility to optimize your system for maximum uniformity.



**Nozzle base clutching**

Hot spot watering has never been easier, simply turn, hold and shoot to put down as much water as needed.



**Ratcheting riser**

Align part circle quickly and easily or adjust watering locations to suit seasonal needs. Standard on all INFINITY™ part circle models.



**Part and full circle models in one**

Align part circle quickly and easily or adjust watering locations to suit seasonal needs. Standard on all INFINITY™ part circle models.

The challenge today isn't simply to maintain a beautiful golf course. It's to maintain it on a budget. To succeed, you need to work smarter, more efficiently and more economically than ever before. That's why Toro Irrigation products are engineered to give you not only great results, but also the lowest cost of ownership over time. With Toro, profit and beauty don't have to be opposites.

Learn more at: [toro.com](http://toro.com)

Once installed, there is no difference in size between the New INFINITY Series and your existing 800S and DT models: The same height as your existing 1" or 1.5" 800S and DT models, and the same diameter as your 1.5" models

INF55:  
19cm (7.5")

DT55:  
19cm (7.5")

INF55: 29cm (11.38")  
DT55: 29cm (11.38")

Products depicted in this brochure are for demonstration purposes only. Actual products offered for sale may vary in design and features.

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**NEW**



The New INFINITY 34/54 is Toro's Premium full-circle golf sprinkler series with Smart Access. The dual trajectory main nozzle provides exceptional nozzle performance at the 25° standard angle position and great performance in windy applications at the 15° low angle position. And the consistency of the constant velocity full circle drive ensures even water application across the coverage area every time you water.

**Features & Benefits**

**Industries Largest Nozzle Selection**

Nozzles from 15,9m - 30,2m (52' to 99'). Color coded for easy flow and radius identification and threaded from the front to simplify servicing.

**Five Activation types**

- Standard solenoid
- Spike Guard™ solenoid
- Nickel plated Spike Guard solenoid
- DC Latching solenoid (DCLS)
- Integrated GDC module w/ DCLS available on all INFINITY models!

**Constant Velocity Full Circle Drive**

Ensures consistent rotation speeds when matched with station run times for even water application across the coverage area every time you water.

**Radius Reduction Screw for Fine Tuning**

In combination with main nozzle sizing and trajectory adjustment the radius reduction screw can effectively reduce the sprinkler throw down to 9,1m (30').

*SMART ACCESS provides top accessibility to all critical components and room to grow for whatever the future holds.*



*Dual Trajectory - 25° or 15° Provides two selections for the main nozzle trajectory; the 25 degree setting provides maximum distance of throw and the 15 degree setting provides improved wind performance, radius reduction and obstacle avoidance.*

**INF34 Conversion Upgrades**

Models	Description
INF34-3134	INF34 w/31-34 Nozzles (33 Nozzle Installed)
INF34-3537	INF34 w/35-37 Nozzles (35 Nozzle Installed)
INF34-3134E	INF34 w/31-34 Nozzles (33 Nozzle Installed), Effluent
INF34-3537E	INF34 w/35-37 Nozzles (35 Nozzle Installed), Effluent



**INF54 Conversion Upgrades**

Models	Description
INF54-5154	INF54 w/51-54 Nozzles (53 Nozzle Installed)
INF54-5558	INF54 w/55-58 Nozzles (55 Nozzle Installed)
INF54-59	INF54 w/ 59 Nozzle installed
INF54-5154E	INF54 w/51-54 Nozzles (53 Nozzle Installed), Effluent
INF54-5558E	INF54 w/55-58 Nozzles (55 Nozzle Installed), Effluent
INF54-59E	INF54 w/ 59 Nozzle installed, Effluent,
102-5011	690 Adapter allows you to upgrade any 690 with INF54 conversions



**Features**

Dual Trajectory adjustment on main nozzle - 25° or 15°  
Constant velocity full circle drive  
Radius reduction screw can effectively reduce the sprinkler throw down to 30'

**Operating Specifications**

- Inlet:**
- **INF34:** 25mm (1") NPT, BSP or ACME
  - **INF54:** 40mm (1.5") NPT, BSP or ACME
- Radius:**
- **INF34:** 15,9 - 27,8m (52' - 91')
  - **INF54:** 15,9 - 30,2m (52' - 99')
- Flow Rate:**
- **INF34:** 49,2-177,5 LPM (13.0 - 46.9 GPM)
  - **INF54:** 50,0-233,9 LPM (13.2 - 61.8 GPM)
- Precipitation Rates:**
- **INF34:** Minimum: 8,4 mm/hr (0.33"/hr)  
Maximum: 13,9 mm/hr (0.55"/hr)
  - **INF54:** Minimum: 8,4 mm/hr (0.33"/hr)  
Maximum: 15,5 mm/hr (0.61"/hr)
- Pilot Valve:** Selectable at 3,5; 4,5; 5,5; and 6,9 Bar (50, 65, 80 and 100 psi)
- Recommended Operating Pressure Range:**
- 4,5-6,9 Bar (65-100 psi)
  - Maximum: 10,3 Bar (150 psi)
  - Minimum: 2,8 Bar (40 psi)
- Activation Type**
- Standard Solenoid
  - Spike Guard Solenoid
  - Nickel-plated Spike Guard Solenoid
  - DC Latching Solenoid (DCLS)
  - Integrated GDC Module w/DCLS
- Trajectory:** 25° or 15°

**Dimensions**

- SMART ACCESS™ Cover And Compartment Diameter:**
- **INF34:** 19cm (7.5")
  - **INF54:** 19cm (7.5")
- Body height:**
- **INF34:** 25cm (10")
  - **INF54:** 29cm (11.38")
- Weight:**
- **INF34:** 1,91kg (4.22 lbs.)
  - **INF54:** 2,28kg (5.04 lbs.)
- Pop-up height to nozzle:** 8,25cm (3.25")

**Warranty**

Two years  
Five years when installed with Toro Swing Joints

*Specifying Information—INF34 & INF54*

INFXX-XXX-XX					
Body Inlet	Arc	Nozzle	Pressure Regulation*	Activation Type	Optional
INFXX	4	XX	X	X	X
3-1" 5-1½"	4—Full Circle	INF34—31, 32, 33, 34, 35, 36, 37 INF54—51, 52, 53, 54, 55, 56, 57, 58, 59	6-65 psi (4,5 bar) 8-80 psi (6,5 Bar) 1-100 psi (6,9 Bar)	1—Standard Solenoid 2—Spike Guard™ Solenoid 3—Nickel-plated Spike Guard Solenoid 4—DC Latching Solenoid (DCLS) 5—Integrated GDC Module w/DCLS	7—Effluent

Example: When specifying an INF34 Series Sprinkler with #34 nozzle, pressure regulation at 65 psi and Spike Guard you would specify: INF34-346-2

\* All sprinklers are equipped with the selectable pilot valve that allows settings at 50, 65, 80 and 100 psi.  
Note: Not all models available.

