



The INFINITY® & FLEX800™ Series

SPRINKLERS **ULTIMATE**



THE BATTLE OF MAN VS. NATURE.

The St Andrews that one sees as a player is not the one we see as greenkeepers. Players here can observe a spectacle of nature, one of the world's greatest places for a round of golf.

Comprising 6,721 yards of thrilling tees, fairways and greens on a famous venue with 600 years of history, we see a pristine piece of land carved from the coastal landscape. A place where a single day can sometimes have all four seasons and where nature will take over once again the minute we stop paying attention.

It's this everyday battle that drives my team and I – fighting the elements, keeping the forces of nature at bay, while at the same time paving the way for the 50,000 rounds these holy grounds of golf host every single year. We can only achieve this with the help of highly advanced irrigation systems, like those designed by Toro®.

Choose your arsenal wisely

Players expect nothing less than perfection from St Andrews, no matter what the conditions are. They also expect to play whenever they want to. To us, this makes the INFINITY® Series from Toro® the ultimate sprinklers. They do not only play a key role in our sophisticated and extremely efficient water management, but also make our work easier as they are accessible directly from the top via Smart Access®. Just pull three screws and you can reach all crucial parts without having to put a shovel down.

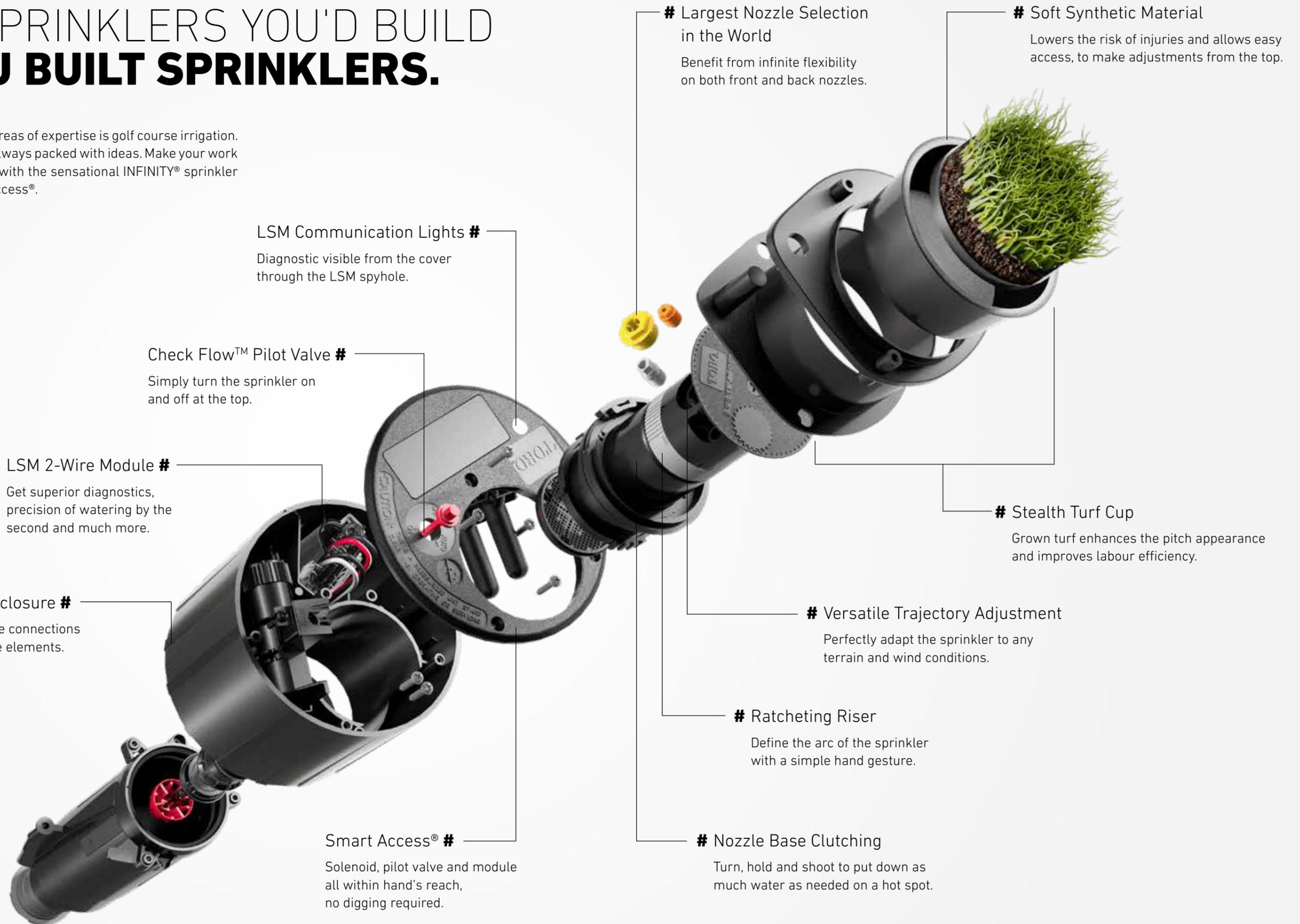
When there's no downtime, there's no interruption for the players. And since we don't have to dig up the ground, there's always a flawless field to play on.

This forward thinking regarding what greenkeepers want is why we rely on Toro® here at 'The Home of Golf'.



THE SPRINKLERS YOU'D BUILD IF YOU BUILT SPRINKLERS.

One of our greatest areas of expertise is golf course irrigation. A Toro® sprinkler is always packed with ideas. Make your work count over and over with the sensational INFINITY® sprinkler family with Smart Access®.



LSM Communication Lights

Diagnostic visible from the cover through the LSM spyhole.

Check Flow™ Pilot Valve

Simply turn the sprinkler on and off at the top.

LSM 2-Wire Module

Get superior diagnostics, precision of watering by the second and much more.

Protective Enclosure

All parts and wire connections are safe from the elements.

Smart Access®

Solenoid, pilot valve and module all within hand's reach, no digging required.

Largest Nozzle Selection in the World

Benefit from infinite flexibility on both front and back nozzles.

Soft Synthetic Material

Lowers the risk of injuries and allows easy access, to make adjustments from the top.

Stealth Turf Cup

Grown turf enhances the pitch appearance and improves labour efficiency.

Versatile Trajectory Adjustment

Perfectly adapt the sprinkler to any terrain and wind conditions.

Ratcheting Riser

Define the arc of the sprinkler with a simple hand gesture.

Nozzle Base Clutching

Turn, hold and shoot to put down as much water as needed on a hot spot.

SMART ACCESS[®] **REWARD YOURSELF BY THE SHOVEL-LOAD.**



Access all sprinkler components from the top without disturbing your turf or your golfers. Access at any time and under full water pressure.

Reduce the workload of your crew
Tasks that used to take 30 or 40 minutes are reduced to only a few with virtually no downtime.

Be ready for easy technology upgrades
INFINITY[®] has the capacity for adding new capabilities.

INFINITY® SERIES



INFINITY® 35-6/55-6
with TruJectory™ and 40°-330° circle

The INFINITY® 35-6/55-6 Series allows you to put water precisely where you want it for maximum distribution uniformity. The Part- and Full-circle drive allows you to simply and economically adjust the area of coverage to match your seasonal watering needs or meet water-rationing mandates in seconds, with no disassembly or additional parts required.

**TruJectory™ adjustment of the main nozzle –
24 positions from 7°-30°**

This patented feature puts water exactly where you want it. Adjust from the top of the sprinkler in seconds, wet or dry. This flexibility lets you tackle any obstacle on the course – wind, trees, bunkers, mounds and more.



INFINITY® 35/55
with Dual Trajectory and a 40°-330° circle

The INFINITY® 35/55 Series features a dual trajectory main nozzle that provides exceptional nozzle performance at the 25° standard angle position and great performance in windy applications at the 15° low angle position. The Part- and Full-circle drive and ratcheting riser allow you to adjust the area of coverage to match your watering needs or to meet water-rationing mandates in seconds, with no additional parts required.

**Arc adjustment – 40°-330° and
true Full-circle in One**

One sprinkler for every location on the course. These unique sprinklers can be used in full-circle today and part-circle tomorrow.



INFINITY® 34/54
with Dual Trajectory and Full-circle

The INFINITY® 34/54 is a premium full-circle golf sprinkler series. 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. The consistency of the constant velocity Full-circle drive ensures even water application across the coverage area every time you water.

Indestructible stainless steel valve seat

Eliminates body damage from rocks and debris. This indestructible stainless steel seat is moulded to the body and virtually eliminates body replacements due to seat damage.

THEY SAID IT
COULDN'T BE DONE
**THAT'S WHAT
MADE US DO IT.**

Curious about the overall efficiency of this system?
Take a look at page 20.

PICK THE RIGHT PLAYERS.

30°

7°

Let's face it: we actually love it when nature acts according to its own whims, whether that involves rugged terrain or unpredictable weather conditions. That's what challenges us at Toro® to find the best possible solutions for mastering these tasks.

Take our unique TruJectory™ concept, which allows you to precisely deliver water into tricky spaces. Furthermore, TruJectory™ helps to define the entire shape of a landscape. Consider, for example, a windy links golf course. Use an angle so flat that you spray underneath the wind. Simply adjust the main nozzle degree by degree to tackle any obstacle – not only wind but also trees, bunkers and mounds. Never put too much or too little water on the turf. Guarantee playability at all times.

And yes, you'll find this only in a Toro® sprinkler!



FLEX800™ SERIES



FLEX800™ 35-6/55-6
with TruJectory™ and 40°-330° circle

The FLEX800™ 35-6/55-6 Series allows you to put water precisely where you want it for maximum distribution uniformity. The Part- and Full-circle drive allows you to simply and economically adjust the area of coverage to match your seasonal watering needs or to meet water-rationing mandates in seconds, with no disassembly or additional parts required.

**TruJectory™ adjustment of the main nozzle –
24 positions from 7°-30°**

This patented feature puts water exactly where you want it. Adjust from the top of the sprinkler in seconds, wet or dry. This flexibility lets you tackle any obstacle on the course – wind, trees, bunkers, mounds and more.



FLEX800™ 35/55
with Dual Trajectory and 40°-330° circle

The FLEX800™ 35/55 Series features a dual trajectory main nozzle that provides exceptional nozzle performance at the 25° standard angle position and great performance in windy applications at the 15° low angle position. The Part- and Full-circle drive and ratcheting riser allow you to adjust the area of coverage to match your watering needs or meet water-rationing mandates in seconds, with no additional parts required.

**Arc adjustment – 40°-330° and
true Full-circle in One**

One sprinkler for every location on the course. These unique sprinklers can be a full-circle today and part-circle tomorrow.



FLEX800™ 34/54
with Dual Trajectory and Full-circle

The FLEX800™ 34/54 is the Toro® premium full-circle golf sprinkler series. 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. The consistency of the constant velocity Full-circle drive ensures even water application across the coverage area each time you water.

Indestructible stainless steel valve seat

Eliminates body damage from rocks and debris. This indestructible stainless steel seat is moulded to the body and virtually eliminates body replacements due to seat damage.

ENTER
HIGH-END.

FLEX800™ B-SERIES



FLEX800™ B-Series FLX35-6B
with TruJectory™ and 40°-330° circle

The B-Series is specifically designed for block systems. With their small exposed diameters, these sprinklers are not visible on the course. Yet they are equipped with all the functionality Toro® sprinklers have to offer while being subtly hidden on the turf. The B-Series is perfect for high traffic areas like tees, greens and surrounds.

**TruJectory™ adjustment of the main nozzle –
24 positions from 7°-30°**

This patented feature puts water exactly where you want it. Adjust from the top of the sprinkler in seconds, wet or dry. This flexibility lets you tackle every obstacle on the course – wind, trees, bunkers, mounds and more.



FLEX800™ B-Series FLX35B
with Dual Trajectory and 40°-330° circle

Put the water exactly where you need it and nowhere it doesn't belong. With the Arc Adjustment and the ratcheting riser, you can easily determine the circle and the position of your irrigation in next to no time. The two trajectory angles allow you to spray underneath the wind or to employ a higher arc.

**Arc adjustment – 40°-330° and
true Full-circle in One**

One sprinkler for every location on the course. These unique sprinklers can be a full-circle today and a part-circle tomorrow.



FLEX800™ B-Series FLX34B
with Dual Trajectory and Full-circle

The Constant Velocity Full-circle drive ensures consistent rotation speeds for even water application across the coverage area. This sprinkler is the correct choice for plain areas where a reliable water supply is needed.

Indestructible stainless steel valve seat

Eliminates body damage from rocks and debris. This indestructible stainless steel seat is moulded to the body and virtually eliminates body replacements due to seat damage.

FOR THE
CONNOISSEURS
**OF THE GOOD
AND SIMPLE.**

EXTENSION KITS

UPGRADE TO INVISIBLE PERFECTION.



INFINITY® RAZOR™ kits

Extend the frequency of levelling sprinklers

Over time the application of topdressing and settling can result in the sprinkler being in a depression below grade level. This can interfere in the natural roll of the ball, create trip hazards and take away from the natural beauty of the course.

The Razor kits raise the top of the sprinkler in 1/2" increments up to 1 1/2" (3 stages) without digging.



Each RAZOR™ kit consists of 3 stages



INFINITY® Stealth® Cup

Natural turf to eliminate sprinkler interference

Toro's INFINITY Stealth Kits can be installed onto any INFINITY sprinkler allowing turf growth directly atop the sprinkler to eliminate the hard surface bounce should a golf ball hit it.

The seamless turf appearance adds to the beauty of the course and improves labour efficiency by minimizing trimming efforts around the sprinklers.



The Stealth® Cup consists of 4 parts



INFINITY® and FLEX800™ turf covers

Artificial turf eliminating sprinkler interference

The FLXINF-TURFCAP can be installed onto an INFINITY or FLEX sprinkler head with just one screw. The INF21 Ring perfectly matches INFINITY sprinkler bodies, the FLX50-RING is suited for 1.5" FLEX sprinklers.

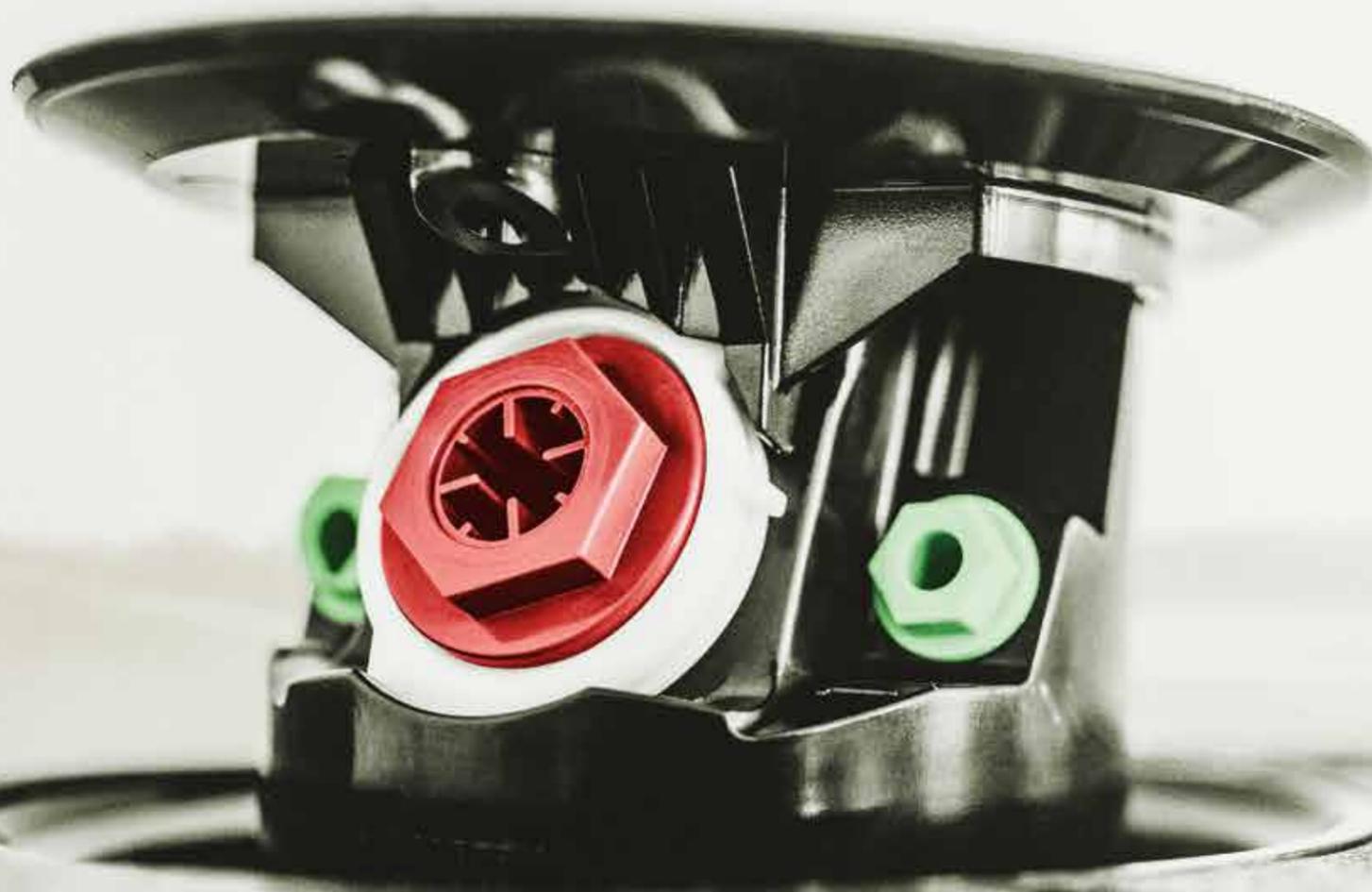
The synthetic turf offers the same rebound properties as real grass and does not interfere in the natural roll of the ball.



INF21-RING w/ FLXINF-TURFCUP

FLX50-RING w/ FLXINF-TURFCUP

THE DIFFERENCE BETWEEN GOOD AND REVOLUTIONARY.



| | INFINITY® 35-6/55-6 35/55 | INFINITY® 34/54 | FLEX800™ 35-6/55-6 35/55 | FLEX800™ 34/54 | B-Series 35-6/55-6 35/55 | B-Series 34/54 |
|-------------------------------------|---------------------------------|--------------------|--------------------------------|-------------------|--------------------------------|-------------------|
| #01 Smart Access® | ✓ | ✓ | ○ | ○ | ○ | ○ |
| #02 Trajectory Adjustment | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| #03 Easy Arc Adjustment | ✓ | ○ | ✓ | ○ | ✓ | ○ |
| #04 Ratcheting Riser | ✓ | ○ | ✓ | ○ | ✓ | ○ |
| #05 Largest Nozzle Selection | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| #06 Sturdy Construction | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| #07 Nozzle Base Clutching | ✓ | ○ | ✓ | ○ | ✓ | ○ |

INVEST MORE TO SPEND LESS.

Our holistic philosophy includes economic as well as environmental aspects of turf maintenance. Nature must be preserved at all costs. Our developments ensure that costs are kept at bay in the long-run. Outstanding quality and reliable service always pays off.

THE 6 RULES OF TORO® EFFICIENCY.

1. Toro® makes the players happy

Digging up sprinklers can leave unsightly scars on the turf and can even disrupt play. If there's no disturbance, more players can play more golf.

2. Toro® makes your crew happy

Instead of a shovel, all you need is a screwdriver to access sprinkler components for maintenance. This efficiency adds up, providing your crew with more time for other tasks on the golf course.

3. Toro® makes your club happy

The INFINITY® Series bodies use risers from the existing Toro® 800S Series and DT Series sprinklers; as such, you can keep your costs down while gaining the Smart Access® advantage.

4. Toro® makes everyone happy in the future

Technological advancements are no longer associated with new sprinklers. Simply add new components to your INFINITY® with a minimum of installation work.

5. Toro® makes the environment happy

What you get with a Toro® system is highly efficient energy and water tools; state-of-the-art technology that provides sustainable solutions for using resources responsibly.

6. Toro® makes investors happy

Thanks to the advanced configuration options and adjustment possibilities of the system, you can apply water exactly as you need to. All this will help you save money and keep your total cost of ownership (TCO) down.

THE WHERE DEFINES THE WHICH.



FOR DEMANDING AREAS

Tackle every obstacle on the golf course – wind, trees, bunkers, mounds, etc.



FOR MODERATE AREAS

Apply water to exactly the right spot at exactly the right angle; don't be limited by slopes or branches.



FOR PLAIN AREAS

Where a consistent and reliable full-circle water supply is needed, these sprinklers do an outstanding job.



FOR TEES AND THEIR SURROUNDINGS

There are areas on a course that are best supplied by block systems. Get the best from Toro® for this task.

INF35-6 Smart Access® **INF55-6** Smart Access®



INF35 Smart Access® **INF55** Smart Access®



INF34 Smart Access® **INF54** Smart Access®



FLX35-6B **FLX 35B**



FLX35-6 **FLX55-6**



FLX35 **FLX55**



FLX34 **FLX54**



FLX34B





Dr. James R. Watson, the man behind Toro's® cutting-edge turf and water management research in the company's Center for Advanced Turf Technology.

HOW WE GOT TO **KNOW EVERYTHING WE KNOW.**

In 1919, John Samuel Clapper and his co-workers were bold enough to mount cutting units to a tractor for the Minikahda Club in Minneapolis. Their goal: replace turf-tackling horse-drawn mowers. They didn't realize it then, but they created an entire new industry called "turf maintenance equipment". Their innovation was significant and marked a new pinnacle in technological advancement in this field.



The famous Minikahda Mower from 1921. Mounting five lawn mowers onto the front of a farm tractor, Toro® initialized the motorized golf course equipment industry.

Cultivating Science

And our company didn't stop there. Developing a taste for ground-breaking innovations, Toro® aimed to understand turf to its very roots. That's when the legendary Dr James R. Watson and his Center for Advanced Turf Technology (CATT) came into play. A visionary, Dr Watson promoted the holistic conjunction of meticulous turf science and smart water management. The research and development conducted at Toro's own institute in Minnesota is what has made Toro® truly unique for decades.



St Andrews - the Old Course - probably the first golf course in the world and certainly the most famous, has been a Toro® partner for decades.

The Whole-in-One Company

John Samuel Clapper and Dr James R. Watson are only two of the many ingenious people that have made Toro® famous. Today, Toro® remains the first and only company in the world to offer a complete system of turf maintenance products including mowers, rollers, rakes and irrigation. Viewing turf as a whole living unit is deeply embedded in Toro's® DNA. When you see a famous park or venue and marvel at its perfect turf, you can be sure that Toro's® unique approach lies behind it. Wimbledon, Disney World and many others are included here.

When it comes to golf, St Andrews Links in Scotland, also known as "The Home of Golf", undoubtedly stands out as one of the most distinguished golf courses in the world, but it is also one of the most complicated to maintain. Consequently, Toro® systems have been selected to help overcome nature's challenges and to maintain this famous venue in top class.

You will find all the experience and expertise we have gathered over decades in each and every Toro® product. Count on it.



Toro® is for the Pros. Major tournaments like The Open rely on the company's perfect turf management systems.

THE MAGIC **BEHIND THE MAGIC.**



SPECIFICATIONS | INF35-6/INF55-6 | FLX35-6/FLX55-6

FEATURES

- Trajectory: 24 positions from 7° – 30° in 1° increments
- Part/Full circle sprinklers
- Ratcheting riser
- Nozzle base clutching
- Pop-up height to nozzle: 8,25cm (3.25")

OPERATING SPECIFICATIONS

- Inlet:**
- INF/FLX35-6: 25 mm (1") ACME
 - INF/FLX55-6: 40 mm (1.5") ACME
- Radius:**
- INF/FLX35-6: 12,8 – 28,0 m (42' – 92')
 - INF/FLX55-6: 15,9 – 30,5 m (52' – 100')
- Flow Rate:**
- INF/FLX35-6: 26,9–171,5 LPM (7.1 – 45.3 GPM)
 - INF/FLX55-6: 52,6–231,3 LPM (13.9 – 61.1 GPM)
- Precipitation Rates:**
- INF/FLX35-6:
 - Minimum: 9 mm/hr (0.37"/hr);
 - Maximum: 13,5 mm/hr (0.53"/hr)
 - INF/FLX55-6:
 - Minimum: 11 mm/hr (0.43"/hr);
 - Maximum: 15 mm/hr (0.60"/hr)
- Pilot Valve:**
- Selectable at 3,4; 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:
 - 24 VAC, 50/60 Hz
 - Inrush: 0.30 A
 - Holding 0.20 A
- Spike Guard Solenoid:
 - 24 VAC, 50/60 Hz
 - Inrush: 0.12 A
 - Holding 0.10 A
- Nickel-Plated Spike Guard Solenoid:
 - 24 VAC, 50/60 Hz
 - Inrush: 0.12 A
 - Holding 0.10 A
- DC Latching Solenoid (DCLS)
 - Momentary low voltage pulse
- Lynx Smart Module with DCLS
 - Momentary low voltage pulse

NOZZLE SELECTION

- INF/FLX35-6 has eight nozzle variations (30, 31, 32, 33, 34, 35, 36 & 37)
- INF/FLX55-6 has nine nozzle variations (51, 52, 53, 54, 55, 56, 57, 58 & 59)
- Four in-line nozzles, rotating stream pattern
- One back nozzle position
- Stator variations INF35-6/INF55-6 - 3

DIMENSIONS

INF: Smart Access® Cover and Compartment Diameter / FLX: Body Diameter

- INF35-6: 19 cm (7.5") / FLX35-6: 16,5 cm (6.5")
- INF55-6: 19 cm (7.5") / FLX55-6: 19 cm (7.5")
- Body height:
 - INF/FLX35-6: 25 cm (10")
 - INF/FLX55-6: 29 cm (11.38")
- Weight:
 - INF35-6: 1,95 kg (4.31 lbs.) / FLX35-6: 1,35 kg (2.98 lbs.)
 - INF55-6: 2,33 kg (5.13 lbs.) / FLX55-6: 1,68 kg (3.70 lbs.)
- Weight integrated with Lynx Smart Module:
 - INF35-6: 2,27kg (5.00 lbs.)
 - FLX35-6: 1,64kg (3.63 lbs.)
 - INF55-6: 2,63kg (5.82 lbs.)
 - FLX55-6: 1,95kg (4.30 lbs.)

WARRANTY

- Two years; Five years when installed with Toro® Swing Joints

TRAJECTORY PERFORMANCE

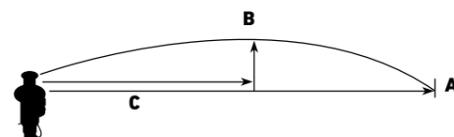
| Nozzle/Bar/LPM | #31/51 Nozzle @ 4,5 Bar | | | | | | #32/52 Nozzle @ 4,5 Bar | | | | | | | | | | | | | | | |
|------------------------|-------------------------|------|------|------|------|------|-------------------------|------|------|------|------|------|------|------|------|------|------|-----|------|------|------|-----|
| | 7° | 10° | 15° | 20° | 25° | 30° | 7° | 10° | 15° | 20° | 25° | 30° | | | | | | | | | | |
| Trajectory | 7° | 10° | 15° | 20° | 25° | 30° | 7° | 10° | 15° | 20° | 25° | 30° | | | | | | | | | | |
| "A" Radius | 14,0 | 14,0 | 15,2 | 15,5 | 16,2 | 16,5 | 15,2 | 14,0 | 14,9 | 14,9 | 15,2 | 15,5 | 16,8 | 19,2 | 19,5 | 16,5 | 19,8 | | | | | |
| "B" Spray Height | 1,2 | 1,2 | 1,5 | 1,8 | 2,4 | 3,0 | 3,4 | 4,0 | 4,0 | 4,6 | 0,9 | 1,2 | 1,2 | 1,8 | 2,7 | 3,7 | 3,4 | 4,6 | 4,0 | | | |
| "C" Distance from Head | 7,6 | 7,9 | 7,6 | 8,2 | 7,9 | 9,8 | 10,1 | 11,6 | 10,1 | 12,2 | 10,1 | 12,4 | 6,1 | 6,7 | 7,3 | 7,9 | 8,5 | 9,4 | 10,4 | 10,7 | 10,4 | 9,1 |

| Nozzle/Bar/LPM | #33/53 Nozzle @ 4,5 Bar | | | | | | #34/54 Nozzle @ 4,5 Bar | | | | | | | | | | | | | | | |
|------------------------|-------------------------|------|------|------|------|------|-------------------------|------|------|------|------|------|------|-----|------|------|------|------|------|------|------|------|
| | 7° | 10° | 15° | 20° | 25° | 30° | 7° | 10° | 15° | 20° | 25° | 30° | | | | | | | | | | |
| Trajectory | 7° | 10° | 15° | 20° | 25° | 30° | 7° | 10° | 15° | 20° | 25° | 30° | | | | | | | | | | |
| "A" Radius | 16,5 | 17,1 | 18,0 | 18,9 | 20,1 | 20,7 | 18,6 | 17,7 | 18,3 | 19,2 | 20,4 | 22,6 | 21,3 | | | | | | | | | |
| "B" Spray Height | 1,2 | 1,5 | 1,5 | 1,8 | 2,1 | 2,7 | 4,0 | 4,6 | 1,2 | 1,5 | 1,2 | 1,8 | 1,8 | 2,4 | 3,4 | 3,0 | 4,3 | 5,2 | | | | |
| "C" Distance from Head | 7,0 | 9,1 | 8,5 | 10,1 | 9,8 | 10,4 | 10,7 | 10,7 | 11,3 | 10,7 | 11,3 | 7,3 | 9,4 | 7,9 | 10,4 | 10,7 | 12,2 | 11,9 | 12,5 | 11,9 | 11,9 | 12,8 |

| Nozzle/Bar/LPM | #35/55 Nozzle @ 4,5 Bar | | | | | | #36/56 Nozzle @ 5,5 Bar | | | | | | | | | | | | | |
|------------------------|-------------------------|------|------|------|------|------|-------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 7° | 10° | 15° | 20° | 25° | 30° | 7° | 10° | 15° | 20° | 25° | 30° | | | | | | | | |
| Trajectory | 7° | 10° | 15° | 20° | 25° | 30° | 7° | 10° | 15° | 20° | 25° | 30° | | | | | | | | |
| "A" Radius | 18,0 | 18,6 | 18,9 | 19,5 | 20,1 | 21,3 | 23,2 | 22,6 | 23,5 | 19,5 | 21,9 | 20,7 | 22,2 | 23,2 | 22,9 | 24,4 | 25,0 | 25,6 | 25,9 | 25,0 |
| "B" Spray Height | 1,2 | 1,8 | 1,5 | 1,8 | 2,1 | 2,7 | 3,4 | 4,6 | 5,2 | 1,5 | 2,1 | 2,7 | 3,4 | 4,6 | 5,2 | 6,7 | | | | |
| "C" Distance from Head | 9,1 | 10,4 | 9,8 | 11,0 | 11,0 | 13,1 | 13,1 | 13,7 | 13,1 | 13,7 | 7,6 | 11,6 | 12,2 | 13,7 | 14,9 | 13,7 | | | | |

| Nozzle/Bar/LPM | #37/57 Nozzle @ 5,5 Bar | | | | | | #58 Nozzle @ 5,5 Bar | | | | | | | | | | | |
|------------------------|-------------------------|------|------|------|------|------|----------------------|------|------|------|------|------|------|------|------|------|------|------|
| | 7° | 10° | 15° | 20° | 25° | 30° | 7° | 10° | 15° | 20° | 25° | 30° | | | | | | |
| Trajectory | 7° | 10° | 15° | 20° | 25° | 30° | 7° | 10° | 15° | 20° | 25° | 30° | | | | | | |
| "A" Radius | 19,8 | 21,9 | 21,0 | 22,6 | 23,8 | 23,5 | 25,0 | 25,3 | 26,2 | 27,1 | 25,6 | 25,9 | 22,9 | 23,5 | 25,3 | 26,5 | 28,0 | 26,8 |
| "B" Spray Height | 1,5 | 2,1 | 2,7 | 4,3 | 5,5 | 6,7 | 1,8 | 2,1 | 3,0 | 4,6 | 5,5 | 6,7 | | | | | | |
| "C" Distance from Head | 9,1 | 11,9 | 12,5 | 14,0 | 15,2 | 14,0 | 11,6 | 12,2 | 13,1 | 14,3 | 15,8 | 14,6 | | | | | | |

| Nozzle/Bar/LPM | #59 Nozzle @ 5,5 Bar | | | | | |
|------------------------|----------------------|------|------|------|------|------|
| | 7° | 10° | 15° | 20° | 25° | 30° |
| Trajectory | 7° | 10° | 15° | 20° | 25° | 30° |
| "A" Radius | 23,5 | 23,8 | 25,6 | 27,1 | 29,3 | 28,0 |
| "B" Spray Height | 2,1 | 2,4 | 3,4 | 4,9 | 6,4 | 7,6 |
| "C" Distance from Head | 12,8 | 13,4 | 13,7 | 14,3 | 16,2 | 14,9 |



Information is for reference only. Actual results may vary.

SPECIFICATIONS | INF35-6/INF55-6 | FLX35-6/FLX55-6

INF35-6/FLX35-6 SERIES PERFORMANCE DATA

| Front Nozzle Position | Nozzle Set 30 | | Nozzle Set 31 | | Nozzle Set 32 | | Nozzle Set 33 | | Nozzle Set 34 | | Nozzle Set 35 | | Nozzle Set 36 | | Nozzle Set 37 | | |
|-----------------------|---------------------------|-------------------|-----------------|------------------|-------------------|------------------|-----------------|------------------|---------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-------------------|-----------------|-----|
| | (White) 102-2208 | (Yellow) 102-4587 | (Blue) 102-4588 | (Brown) 102-4589 | (Orange) 102-0728 | (Green) 102-0729 | (Grey) 102-0730 | (Black) 102-4261 | (Blue) 102-2925 | (Grey) 102-2910 | (Blue) 102-2925 | (Grey) 102-2910 | (Blue) 102-2925 | (Grey) 102-2910 | (Orange) 102-2926 | (Grey) 102-2910 | |
| Base Pressure | Bar | kPa | kg/cm² | Radius | LPM | Radius | LPM | Radius | LPM | Radius | LPM | Radius | LPM | Radius | LPM | Radius | LPM |
| 3,4 | 340 | 3,47 | 12,8 | 26,9 | 15,9 | 51,9 | 18,6 | 64,7 | 19,5 | 76,5 | 21 | 103,7 | - | - | - | - | |
| 4,5 | 450 | 4,59 | 13,7 | 32,9 | 16,5 | 58,7 | 19,2 | 77,6 | 20,1 | 86,7 | 22,6 | 113,6 | 23,2 | 122,6 | - | - | |
| 5,5 | 550 | 5,61 | 14 | 36,3 | 17,4 | 64,3 | 20,4 | 85,5 | 21,4 | 95,8 | 23,5 | 125,7 | 24,1 | 135,5 | 25,6 | 141,9 | |
| 6,9 | 690 | 7,04 | 14,6 | 42,4 | 18 | 71,5 | 22 | 95,4 | 22,6 | 106,7 | 24,4 | 140 | 25,6 | 151 | 26,8 | 160,9 | |
| Stator | 102-6929 Blue | | | | 102-1939 Yellow | | | | 102-1940 White | | | | | | | | |
| Conversions | INF35-6-3134/FLX35-6-3134 | | | | | | | | INF35-6-3537/FLX35-6-3537 | | | | | | | | |

INF55-6/FLX55-6 SERIES PERFORMANCE DATA

| Front Nozzle Position | Nozzle Set 51 | | Nozzle Set 52 | | Nozzle Set 53 | | Nozzle Set 54 | | Nozzle Set 55 | | Nozzle Set 56 | | Nozzle Set 57 | | Nozzle Set 58 | | Nozzle Set 59 | | |
|-----------------------------|---------------------------|-----------------|------------------|-------------------|------------------|-----------------|------------------|----------------|---------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------------|--------|-----|
| | (Yellow) 102-4587 | (Blue) 102-4588 | (Brown) 102-4589 | (Orange) 102-0728 | (Green) 102-0729 | (Grey) 102-0730 | (Black) 102-4261 | (Red) 102-4260 | (Beige) 102-4259 | (Blue) 102-2925 | (Grey) 102-2910 | (Blue) 102-2925 | (Grey) 102-2910 | (Blue) 102-2925 | (Grey) 102-2910 | (Blue) 102-2925 | (Grey) 102-2910 | | |
| Back Nozzle Position | Red Plug 102-4335 | | | | | | | | | | | | | | | | | | |
| Base Pressure | Bar | kPa | kg/cm² | Radius | LPM | Radius | LPM | Radius | LPM | Radius | LPM | Radius | LPM | Radius | LPM | Radius | LPM | Radius | LPM |
| 3,4 | 340 | 3,47 | 15,9 | 52,6 | 18,9 | 65,9 | 20,1 | 78,3 | 21 | 108,3 | - | - | - | - | - | - | - | - | |
| 4,5 | 450 | 4,59 | 16,5 | 59,4 | 19,5 | 78,3 | 20,7 | 88,6 | 22,6 | 113,1 | 23,2 | 127,9 | - | - | - | - | - | - | |
| 5,5 | 550 | 5,61 | 17,4 | 65,1 | 20,7 | 86,7 | 22 | 97,7 | 23,5 | 130,2 | 24,1 | 140,8 | 25,9 | 149,1 | 27,1 | 165 | 28,1 | 179,8 | |
| 6,9 | 690 | 7,04 | 18 | 72,3 | 22,3 | 96,5 | 23,2 | 108,6 | 24,4 | 144,6 | 25,6 | 156,3 | 27,1 | 165,4 | 28,7 | 183,6 | 29 | 194,9 | |
| Stator | 102-1939 Yellow | | | | | | | | 102-1940 White | | | | | | | | 102-1941 White | | |
| Conversions | INF55-6-5154/FLX55-6-5154 | | | | | | | | INF55-6-5558/FLX55-6-5558 | | | | | | | | INF55-6-59/FLX55-6-59 | | |

Radius shown in meters. Toro recommends the use of a 30 mm swing joint at flows over 95-LPM. Sprinkler radius of throw per ASAE standard 5398.1. Actual site conditions must be considered when selecting the appropriate nozzle. All sprinklers are equipped with the selectable pilot valve that allows settings at 3,4; 4,5; 5,5; and 6,9 Bar.

(-) Not recommended at these pressures.

INF35-6/INF55-6 SPECIFYING INFORMATION

| INF35-XXX-X6X | | | | | | |
|------------------|--------------------------------------|--|-----------------------|---|----------------------------|--------------|
| Body Inlet | Arc | Nozzle | Pressure Regulation* | Activation Type | Trajectory | Optional |
| INF35 | 5 | XX | X | X | 6 | X |
| 3 - 25 mm (1") | 5-Part circle and Full circle in One | INF35 - 30, 31, 32, 33, 34, 35, 36, 37 | 6 - 65 psi (4,5 bar) | 1 - Standard Solenoid | 6 - 24-position Trajectory | 7 - Effluent |
| 5 - 40 mm (1.5") | | INF55 - 51, 52, 53, 54, 55, 56, 57, 58, 59 | 8 - 80 psi (5,5 bar) | 2 - Spike Guard™ Solenoid | | |
| | | | 1 - 100 psi (6,9 bar) | 3 - Nickel-plated Spike Guard Solenoid | | |
| | | | | 4 - DC Latching Solenoid (DCLS) | | |
| | | | | 5 - Integrated GDC Module w/DCLS | | |
| | | | | 6 - Integrated LYNX Smart Module w/DCLS | | |

Example: When specifying an INF35-6 Series Sprinkler with #34 nozzle, pressure regulation at 65 psi and Spike Guard™ you would specify: INF35-346-26

* All sprinklers are equipped with the selectable pilot valve that allows settings at 3,4; 4,5; 5,5; and 6,9 Bar (50, 65, 80 and 100 psi). Note: Not all models available.

FLX35-6/FLX55-6 SPECIFYING INFORMATION

| FLX35-XXX-X6 | | | | | |
|------------------|--------------------------------------|--|-----------------------|---|----------------------------|
| Body Inlet | Arc | Nozzle | Pressure Regulation* | Activation Type | Trajectory |
| FLX35 | 5 | XX | X | X | 6 |
| 3 - 25 mm (1") | 5-Part circle and Full circle in One | FLX35 - 30, 31, 32, 33, 34, 35, 36, 37 | 6 - 65 psi (4,5 bar) | 1 - Standard Solenoid | 6 - 24-position Trajectory |
| 5 - 40 mm (1.5") | | FLX55 - 51, 52, 53, 54, 55, 56, 57, 58, 59 | 8 - 80 psi (5,5 bar) | 2 - Spike Guard™ Solenoid | |
| | | | 1 - 100 psi (6,9 bar) | 3 - Nickel-plated Spike Guard Solenoid | |
| | | | | 4 - DC Latching Solenoid (DCLS) | |
| | | | | 5 - Integrated GDC Module w/DCLS | |
| | | | | 6 - Integrated LYNX Smart Module w/DCLS | |

Example: When specifying an FLX35-6 Series Sprinkler with Spike Guard™ Solenoid, #34 nozzle, an electric valve and pressure regulation at 65 psi you would specify: FLX35-346-26

* Electric models only. All sprinklers are equipped with the selectable pilot valve that allows settings at 3,4; 4,5; 5,5; and 6,9 Bar (50, 65, 80 and 100 psi). Note: Not all models available. Nickel-plated, corrosion-resistant models are available upon request.

SPECIFICATIONS | INF35/INF55 | FLX35/FLX55

FEATURES

- Dual Trajectory adjustment on main nozzle - 25° or 15°
- Part/Full circle sprinklers
- Radius reduction screw 363-4839 for fine tuning
- Ratcheting riser
- Nozzle base clutching
- Pop-up height to nozzle: 8,25 cm (3.25")

OPERATING SPECIFICATIONS

- Inlet:
- INF/FLX35: 25 mm (1") ACME
 - INF/FLX55: 40 mm (1.5") ACME

- Radius:
- INF/FLX35: 13,1 – 25,3 m (43' – 83')
 - INF/FLX55: 16,7 – 28,0 m (55' – 92')

- Flow Rate:
- INF/FLX35: 31,0-179,0 LPM (8.2 – 47.8 GPM)
 - INF/FLX55: 53,0-232,0 LPM (14.1 – 61.3 GPM)

- Precipitation Rates:
- INF/FLX35:
 - Minimum: 10,4 mm/hr (0.41"/hr);
 - Maximum: 11,4 mm/hr (0.45"/hr)
 - INF/FLX55:
 - Minimum: 11,7 mm/hr (0.46"/hr);
 - Maximum: 14,7 mm/hr (0.58"/hr)

Pilot Valve:
Selectable at 3,4; 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:
 - 24 VAC, 50/60 Hz
 - Inrush: 0.30 A
 - Holding 0.20 A
- Spike Guard Solenoid:
 - 24 VAC, 50/60 Hz
 - Inrush: 0.12 A
 - Holding 0.10 A
- Nickel-Plated Spike Guard Solenoid:
 - 24 VAC, 50/60 Hz
 - Inrush: 0.12 A
 - Holding 0.10 A
- DC Latching Solenoid (DCLS)
 - Momentary low voltage pulse
- Lynx Smart Module with DCLS
 - Momentary low voltage pulse

NOZZLE SELECTION

- INF/FLX35 has eight nozzle variations (30, 31, 32, 33, 34, 35, 36 & 37)
- INF/FLX55 has nine nozzle variations (51, 52, 53, 54, 55, 56, 57, 58 & 59)
- Three in-line nozzles, rotating stream pattern
- Two back nozzle position
- Stator variations INF35/INF55 - 3

DIMENSIONS

INF: Smart Access® Cover and Compartment Diameter / FLX: Body Diameter

- INF35: 19 cm (7.5") / FLX35: 16,5 cm (6.5")
- INF55: 19 cm (7.5") / FLX55: 19 cm (7.5")
- Body height:
 - INF/FLX35: 25 cm (10")
 - INF/FLX55: 29 cm (11.38")
- Weight:
 - INF35: 1,93 kg (4.26 lbs.) / FLX35: 1,31 kg (2.89 lbs.)
 - INF55: 2,30 kg (5.08 lbs.) / FLX55: 1,62 kg (3.57 lbs.)
- Weight: (FLX35/FLX55 with integrated GDC)
 - FLX35: 1,62 kg (3.57 lbs.)
 - FLX55: 1,93 kg (4.26 lbs.)
- Weight integrated with Lynx Smart Module:
 - INF35: 2,24 kg (4.95 lbs.)
 - FLX35: 1,62 kg (3.58 lbs.)
 - INF55: 2,59 kg (5.71 lbs.)
 - FLX55: 1,93 kg (4.26 lbs.)

WARRANTY

- Two years; Five years when installed with Toro® Swing Joints

INF35/INF55 SPECIFYING INFORMATION

| INF35-XXX-XX | | | | | |
|------------------------------------|--------------------------------------|--|---|--|--------------|
| Body Inlet | Arc | Nozzle | Pressure Regulation* | Activation Type | Optional |
| INF35 | 5 | XX | X | X | X |
| 3 - 25 mm (1") 5 - 40 mm (1.5") | 5-Part circle and Full circle in One | INF35 - 30, 31, 32, 33, 34, 35, 36, 37 INF55 - 51, 52, 53, 54, 55, 56, 57, 58, 59 | 6 - 65 psi (4,5 bar) 8 - 80 psi (5,5 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 6 - Integrated LYNX Smart Module w/DCLS | 7 - Effluent |

Example: When specifying an INF35 Series Sprinkler with #34 nozzle, pressure regulation at 65 psi and Spike Guard™ you would specify: INF35-346-2

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

FLX35/FLX55 SPECIFYING INFORMATION

| FLX35-XXX-X | | | | |
|------------------------------------|--------------------------------------|--|---|--|
| Body Inlet | Arc | Nozzle | Pressure Regulation* | Activation Type |
| FLX35 | 5 | XX | X | X |
| 3 - 25 mm (1") 5 - 40 mm (1.5") | 5-Part circle and Full circle in One | FLX35 - 30, 31, 32, 33, 34, 35, 36, 37 FLX55 - 51, 52, 53, 54, 55, 56, 57, 58, 59 | 6 - 65 psi (4,5 bar) 8 - 80 psi (5,5 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 6 - Integrated LYNX Smart Module w/DCLS |

Example: When specifying an FLX35 Series Sprinkler with #34 nozzle, pressure regulation at 65 psi and Spike Guard™ you would specify: FLX35-346-2

* All sprinklers are equipped with the selectable pilot valve that allows settings at 3,4; 4,5; 5,5; and 6,9 Bar (50, 65, 80 and 100 psi).
Note: Not all models available. Nickel-plated, corrosion-resistant models are available upon request.

SPECIFICATIONS | INF35/INF55 | FLX35/FLX55

INF35/FLX35 SERIES PERFORMANCE DATA – 25°

| Front Nozzle Position | Nozzle Set 30 | | Nozzle Set 31 | | Nozzle Set 32 | | Nozzle Set 33 | | Nozzle Set 34 | | Nozzle Set 35 | | Nozzle Set 36 | | Nozzle Set 37 | | | | | | | | | |
|-----------------------|-------------------|-------------------|-----------------|------------------|-------------------|------------------|-----------------|------------------|-------------------|------------------|-------------------|------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|------------------|------------------|------------------|------------------|------------------|
| | (White) 102-2208 | (Yellow) 102-6906 | (Blue) 102-0726 | (Brown) 102-6907 | (Orange) 102-0728 | (Green) 102-6955 | (Grey) 102-6935 | (Black) 102-6936 | (Yellow) 102-5670 | (Beige) 102-6942 | (Yellow) 102-5670 | (Brown) 102-5671 | (Yellow) 102-5670 | (Yellow) 102-6884 | (Yellow) 102-5670 | (Yellow) 102-6884 | (Yellow) 102-5670 | (Yellow) 102-6884 | (Yellow) 102-5670 | (Green) 102-6885 | (Green) 102-6531 | (Green) 102-6885 | (Green) 102-6531 | (Green) 102-6885 |
| Back Nozzle Position | Red Plug 102-4335 | | | | | | | | | | | | | | | | | | | | | | | |

| Base Pressure | | Bar | kPa | kg/cm² | Radius | LPM | Radius | LPM | Radius | LPM | Radius | LPM | Radius | LPM | Radius | LPM | Radius | LPM | Radius | LPM | Radius | LPM | Radius | LPM |
|---------------|-----|------|------|--------|--------|------|--------|------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-----|--------|-----|--------|-----|
| 3,4 | 340 | 3,47 | 13,1 | 31 | 16,2 | 52,2 | 17,1 | 69,3 | 18,6 | 82,1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 4,5 | 450 | 4,59 | 13,7 | 37,9 | 16,2 | 58,7 | 18 | 77,6 | 19,5 | 92,4 | 20,7 | 106,7 | 22 | 129,1 | - | - | - | - | - | - | - | - | - | - |
| 5,5 | 550 | 5,61 | 14 | 43,5 | 17,4 | 65,5 | 18,9 | 85,9 | 20,4 | 102,6 | 21,7 | 117,7 | 22,9 | 143,1 | 23,8 | 152,5 | 24,4 | 166,5 | - | - | - | - | - | - |
| 6,9 | 690 | 7,04 | 14,3 | 50,7 | 18 | 72,3 | 19,8 | 94,2 | 21,4 | 112,8 | 22,6 | 129,1 | 24,1 | 154,8 | 24,7 | 165,8 | 25,3 | 179 | - | - | - | - | - | - |

INF35/FLX35 SERIES PERFORMANCE DATA – 15°

| Bar | kPa | kg/cm² | Radius | LPM | Radius | LPM | Radius | LPM | Radius | LPM | Radius | LPM | Radius | LPM | Radius | LPM | Radius | LPM | Radius | LPM |
|-----|-----|--------|--------|------|--------|------|--------|------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-----|
| 3,4 | 340 | 3,47 | 13,1 | 31 | 15,9 | 51,5 | 17,7 | 68,5 | 18,6 | 81,4 | - | - | - | - | - | - | - | - | - | - |
| 4,5 | 450 | 4,59 | 13,7 | 37,9 | 16,5 | 57,9 | 18,3 | 76,8 | 19,5 | 91,6 | 21 | 103,3 | 21 | 125,3 | - | - | - | - | - | - |
| 5,5 | 550 | 5,61 | 14 | 43,5 | 17,7 | 65,1 | 19,5 | 85,5 | 21 | 101,4 | 21 | 114,3 | 22,9 | 139,3 | 23,2 | 150,3 | 23,2 | 162,4 | - | - |
| 6,9 | 690 | 7,04 | 14,3 | 50,7 | 18,3 | 71,9 | 20,1 | 93,5 | 21,7 | 111,7 | 22 | 124,5 | 23,8 | 149,5 | 25 | 161,2 | 25 | 174,5 | - | - |

| | | | | | | | | | | | | | | | | | |
|-------------|-----------------------|-----------------|--|--|--|--|--|--|--|--|-----------------------|----------------|--|--|--|--|--|
| Stator | 102-6929 Blue | 102-1939 Yellow | | | | | | | | | | 102-1940 White | | | | | |
| Conversions | INF35-3134/FLX35-3134 | | | | | | | | | | INF35-3537/FLX35-3537 | | | | | | |

INF55/FLX55 SERIES PERFORMANCE DATA – 25°

| Front Nozzle Position | Nozzle Set 51 | | Nozzle Set 52 | | Nozzle Set 53 | | Nozzle Set 54 | | Nozzle Set 55 | | Nozzle Set 56 | | Nozzle Set 57 | | Nozzle Set 58 | | Nozzle Set 59 | | | | | | | |
|-----------------------|-------------------|-----------------|------------------|-------------------|------------------|-----------------|------------------|----------------|------------------|-------------------|------------------|-------------------|-------------------|-------------------|-------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | (Yellow) 102-6906 | (Blue) 102-0726 | (Brown) 102-6907 | (Orange) 102-0728 | (Green) 102-6955 | (Grey) 102-6935 | (Black) 102-6936 | (Red) 102-6909 | (Beige) 102-4259 | (Yellow) 102-5670 | (Brown) 102-5671 | (Yellow) 102-5670 | (Yellow) 102-6884 | (Yellow) 102-5670 | (Yellow) 102-6884 | (Yellow) 102-5670 | (Green) 102-6885 | (Green) 102-6531 | (Green) 102-6885 | (Green) 102-6531 | (Green) 102-6885 | (Green) 102-6531 | (Green) 102-6885 | (Green) 102-6531 |
| Back Nozzle Position | Red Plug 102-4335 | | | | | | | | | | | | | | | | | | | | | | | |

| Base Pressure | | Bar | kPa | kg/cm² | Radius | LPM | Radius | LPM | Radius | LPM | Radius | LPM | Radius | LPM | Radius | LPM | Radius | LPM | Radius | LPM | Radius | LPM | Radius | LPM |
|---------------|-----|------|------|--------|--------|------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-----|--------|-----|
| 3,4 | 340 | 3,47 | 16,7 | 53,4 | 17,3 | 70 | 18,9 | 84,4 | 20,1 | 97,6 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 4,5 | 450 | 4,59 | 17,4 | 59,8 | 18,2 | 79,1 | 19,8 | 95 | 21 | 108,6 | 22,3 | 135,8 | - | - | - | - | - | - | - | - | - | - | - | - |
| 5,5 | 550 | 5,61 | 18 | 66,2 | 18,5 | 87,4 | 20,7 | 105,2 | 21,9 | 119,9 | 23,1 | 150,3 | 24,4 | 163,2 | 25,2 | 182,5 | 25,9 | 189,3 | 27,1 | 217,6 | - | - | - | - |
| 6,9 | 690 | 7,04 | 18,6 | 73 | 19,2 | 95,7 | 21,7 | 114,7 | 22,8 | 130,6 | 24,4 | 164,6 | 25,2 | 185,5 | 26,8 | 194,9 | 27,4 | 204 | 28 | 232 | - | - | - | - |

INF55/FLX55 SERIES PERFORMANCE DATA – 15°

| Bar | kPa | kg/cm² | Radius | LPM | Radius | LPM | Radius | LPM | Radius | LPM | Radius | LPM | Radius | LPM | Radius | LPM | Radius | LPM | Radius | LPM |
|-----|-----|--------|--------|------|--------|------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|
| 3,4 | 340 | 3,47 | 16,7 | 53 | 17,9 | 62,5 | 18,9 | 84 | 19,2 | 96,9 | - | - | - | - | - | - | - | - | - | |
| 4,5 | 450 | 4,59 | 17,1 | 59 | 18,8 | 78,3 | 19,8 | 94,6 | 20,1 | 107,9 | 22,8 | 133,6 | - | - | - | - | - | - | - | |
| 5,5 | 550 | 5,61 | 18 | 65,9 | 20,1 | 87,1 | 21 | 104,8 | 21,4 | 119,2 | 23,1 | 147,6 | 23,7 | 160,5 | 24 | 177,5 | 24 | 187,4 | 25 | 216,5 |
| 6,9 | 690 | 7,04 | 18,2 | 72,7 | 20,7 | 95 | 21,7 | 114,3 | 22 | 129,8 | 24,4 | 158,6 | 24,6 | 184,3 | 25,3 | 192,2 | 25,3 | 202,1 | 25,9 | 230,1 |

Radius shown in meters. Toro recommends the use of a 30 mm swing joint at flows over 95-LPM. Sprinkler radius of throw per ASAE standard S398.1. Actual site conditions must be considered when selecting the appropriate nozzle. All sprinklers are equipped with the selectable pilot valve that allows settings at 3,4; 4,5; 5,5; and 6,9 Bar.

(-) Not recommended at these pressures.

SPECIFICATIONS | INF34/INF54 | FLX34/FLX54

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 9 meters
- Pop-up height to nozzle: 8,25cm (3.25")

OPERATING SPECIFICATIONS

Inlet:

- INF/FLX34: 25 mm (1") ACME
- INF/FLX54: 40 mm (1.5") ACME

Radius:

- INF/FLX34: 15,9/15,8 – 27,8m (52' – 91')
- INF/FLX54: 15,9/15,8 – 30,2m (52' – 99')

Flow Rate:

- INF/FLX34: 49,2/48,8-177,5 LPM (13.0 – 46.9 GPM)
- INF/FLX54: 50,0-233,9 LPM (13.2 – 61.8 GPM)

Precipitation Rates:

- INF/FLX34:
 - Minimum: 8,4 mm/hr (0.33"/hr);
 - Maximum: 13,9/14,0 mm/hr (0.55"/hr)
- INF/FLX54:
 - Minimum: 8,4 mm/hr (0.33"/hr);
 - Maximum: 15,5 mm/hr (0.61"/hr)

Pilot Valve:

Selectable at 3,4; 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:

- 24 VAC, 50/60 Hz
- Inrush: 0.30 A
- Holding 0.20 A

- Spike Guard Solenoid:

- 24 VAC, 50/60 Hz
- Inrush: 0.12 A
- Holding 0.10 A

- Nickel-Plated Spike Guard Solenoid:

- 24 VAC, 50/60 Hz
- Inrush: 0.12 A
- Holding 0.10 A

- DC Latching Solenoid (DCLS)

- Momentary low voltage pulse
- Lynx Smart Module with DCLS
 - Momentary low voltage pulse

NOZZLE SELECTION

- FLX34 has seven nozzle variations (31, 32, 33, 34, 35, 36 & 37)
- FLX54 has nine nozzle variations (51, 52, 53, 54, 55, 56, 57, 58 & 59)
- Three opposing nozzles, rotating stream pattern
- Two additional front nozzle positions

DIMENSIONS

INF: Smart Access® Cover and Compartment Diameter / FLX: Body Diameter

- INF34: 19 cm (7.5") / FLX34: 16,5 cm (6.5")
- INF54: 19 cm (7.5") / FLX54: 19,1 cm (7.5")
- Body height:
 - INF34: 25 cm (10") / FLX34: 25,4 cm (10")
 - INF54: 29 cm (11.38") / FLX54: 28,9 cm (11.375")
- Weight:
 - INF34: 1,91 kg (4.22 lbs.) / FLX34: 1,35 kg (2.98 lbs.)
 - INF54: 2,28 kg (5.04 lbs.) / FLX54: 1,68 kg (3.70 lbs.)
- Weight integrated with Lynx Smart Module:
 - INF34: 2,24 kg (4.95 lbs.)
 - FLX34: 1,61 kg (3.65 lbs.)
 - INF54: 2,59 kg (5.71 lbs.)
 - FLX54: 1,92 kg (4.24 lbs.)

WARRANTY

- Two years; Five years when installed with Toro® Swing Joints

INF34/INF54 SPECIFYING INFORMATION

| INF4-XXX-XX | | | | |
|---|---------------|--|---|--|
| Body Inlet | Arc | Nozzle | Pressure Regulation* | Activation Type |
| INF | 4 | XX | X | X |
| 3 - 25 mm (1") 5 - 40 mm (1.5") | 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 (5,5 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 6 - Integrated LYNX Smart Module w/DCLS |
| 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.

FLX34/FLX54 SPECIFYING INFORMATION

| FLX4-XXX-X | | | | |
|--|---------------|--|---|--|
| Body Inlet | Arc | Nozzle | Pressure Regulation* | Activation Type |
| FLX | 4 | XX | X | X |
| 3 - 25 mm (1") 5 - 40 mm (1.5") | 4-Full Circle | FLX34 - 31, 32, 33, 34, 35, 36, 37 FLX54 - 51, 52, 53, 54, 55, 56, 57, 58, 59 | 6 - 65 psi (4,5 bar) 8 - 80 psi (5,5 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 6 - Integrated LYNX Smart Module w/DCLS |
| Example: When specifying an FLX35 Series Sprinkler with #34 nozzle, pressure regulation at 65 psi and Spike Guard™ Solenoid you would specify: FLX34-346-2 | | | | |

* Electric models only. All sprinklers are equipped with the selectable pilot valve that allows settings at 3,4; 4,5; 5,5; and 6,9 Bar (50, 65, 80 and 100 psi). Note: Not all models available. Nickel-plated, corrosion-resistant models are available upon request.

SPECIFICATIONS | INF34/INF54 | FLX34/FLX54

INF34/FLX34 SERIES PERFORMANCE DATA – 25°

| Front Nozzle Position | Nozzle Set 31 | | Nozzle Set 32 | | Nozzle Set 33 | | Nozzle Set 34 | | Nozzle Set 35 | | Nozzle Set 36 | | Nozzle Set 37 | |
|---|-------------------|--------------------|------------------|-------------------|------------------|-----------------|------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|----------------|
| | (Yellow) 102-0725 | (Blue) 102-7001 | (Brown) 102-0727 | (Orange) 102-7002 | (Green) 102-6908 | (Grey) 102-0730 | (Black) 102-4261 | Red Plug 102-4335 | Red Plug 102-4335 | Red Plug 102-4335 | Red Plug 102-4335 | Red Plug 102-4335 | Red Plug 102-4335 | Brown 102-6883 |
| Back Nozzle Position | Yellow 102-6937 | Blue 102-2925 | Yellow 102-6937 | Orange 102-2926 | Yellow 102-6937 | Red 102-2928 | Yellow 102-6937 | Beige 102-2929 | Yellow 102-6937 | Beige 102-2929 | Yellow 102-6937 | Red 102-6944 | Yellow 102-6937 | Grey 102-6945 |
| Base Pressure | | | | | | | | | | | | | | |
| Bar | kPa | kg/cm ² | Radius | LPM | Radius | LPM | Radius | LPM | Radius | LPM | Radius | LPM | Radius | LPM |
| 3,4 | 340 | 3,47 | 17,4 | 49,2 | 17,7 | 58,7 | 19,5 | 82,9 | 20,7 | 92,4 | - | - | - | - |
| 4,5 | 450 | 4,59 | 17,7 | 55,3 | 18,3 | 68,1 | 20,7 | 92,4 | 22 | 106,4 | 23,2 | 121,9 | - | - |
| 5,5 | 550 | 5,61 | 18,3 | 61,3 | 19,2 | 77,6 | 22 | 101,8 | 23,2 | 117,7 | 24,4 | 134,7 | 25,3 | 144,6 |
| 6,9 | 690 | 7,04 | 18,9 | 67,8 | 20,1 | 88,6 | 22,9 | 112,8 | 24,1 | 132,1 | 25,6 | 148,8 | 26,8 | 164,3 |
| Stator 102-6929 Blue 102-1940 White | | | | | | | | | | | | | | |
| Conversions INF34-3134/FLX34-3134 INF34-3537/FLX34-3537 | | | | | | | | | | | | | | |

INF34/FLX34 SERIES PERFORMANCE DATA – 15°

| Bar | kPa | kg/cm ² | Radius | LPM | Radius | LPM | Radius | LPM | Radius | LPM | Radius | LPM | Radius | LPM |
|---|-----|--------------------|--------|------|--------|------|--------|-------|--------|-------|--------|-------|--------|-------|
| 3,4 | 340 | 3,47 | 15,9 | 48,8 | 16,2 | 59 | 18,3 | 82,1 | 18,9 | 96,5 | - | - | - | - |
| 4,5 | 450 | 4,59 | 16,2 | 54,5 | 16,5 | 64,7 | 18,6 | 91,6 | 19,5 | 106 | 20,4 | 121,5 | - | - |
| 5,5 | 550 | 5,61 | 17,1 | 60,6 | 17,4 | 71,9 | 19,8 | 100,7 | 21 | 117,3 | 22,3 | 134,4 | 23,2 | 143,8 |
| 6,9 | 690 | 7,04 | 17,4 | 66,2 | 18 | 77,6 | 20,4 | 111,7 | 21,7 | 128,3 | 22,9 | 145,3 | 24,4 | 163,1 |
| Stator 102-6929 Blue 102-1940 White | | | | | | | | | | | | | | |
| Conversions INF34-3134/FLX34-3134 INF34-3537/FLX34-3537 | | | | | | | | | | | | | | |

INF54/FLX54 SERIES PERFORMANCE DATA – 25°

| Front Nozzle Position | Nozzle Set 51 | | Nozzle Set 52 | | Nozzle Set 53 | | Nozzle Set 54 | | Nozzle Set 55 | | Nozzle Set 56 | | Nozzle Set 57 | | Nozzle Set 58 | | Nozzle Set 59 | |
|---|-------------------|--------------------|------------------|-------------------|------------------|-----------------|------------------|----------------|------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-----------------|-------------------|-----------------|-------------------|
| | (Yellow) 102-0725 | (Blue) 102-7001 | (Brown) 102-0727 | (Orange) 102-7002 | (Green) 102-6908 | (Grey) 102-0730 | (Black) 102-4261 | (Red) 102-4260 | (Beige) 102-4259 | Red Plug 102-4335 | Red Plug 102-4335 | Red Plug 102-4335 | Red Plug 102-4335 | Red Plug 102-4335 | Brown 102-6883 | Red Plug 102-4335 | Brown 102-6883 | Red Plug 102-4335 |
| Back Nozzle Position | Yellow 102-6937 | Blue 102-2925 | Yellow 102-6937 | Orange 102-2926 | Yellow 102-6937 | Red 102-2928 | Yellow 102-6937 | Beige 102-2929 | Yellow 102-6937 | Beige 102-2929 | Yellow 102-6937 | Red 102-6944 | Yellow 102-6937 | Grey 102-6945 | Yellow 102-6937 | Grey 102-6945 | Yellow 102-6937 | Grey 102-6945 |
| Base Pressure | | | | | | | | | | | | | | | | | | |
| Bar | kPa | kg/cm ² | Radius | LPM | Radius | LPM | Radius | LPM | Radius | LPM | Radius | LPM | Radius | LPM | Radius | LPM | Radius | LPM |
| 3,4 | 340 | 3,47 | 17,7 | 50 | 18 | 59,4 | 19,5 | 83,3 | 21,4 | 99,2 | - | - | - | - | - | - | - | - |
| 4,5 | 450 | 4,59 | 18,3 | 56 | 18,6 | 66,2 | 20,7 | 93,9 | 22,6 | 110,9 | 24,1 | 129,4 | - | - | - | - | - | - |
| 5,5 | 550 | 5,61 | 18,6 | 62,1 | 19,5 | 75,7 | 22 | 104,5 | 23,8 | 123,4 | 25,3 | 143,8 | 25,9 | 154 | 26,5 | 169,9 | 27,8 | 190 |
| 6,9 | 690 | 7,04 | 19,2 | 68,5 | 20,4 | 89,3 | 22,9 | 115,1 | 24,7 | 138,9 | 26,5 | 160,9 | 27,5 | 173,4 | 28,4 | 190 | 29 | 209,7 |
| Stator 102-6929 Blue 102-1940 White 102-1941 White | | | | | | | | | | | | | | | | | | |
| Conversions INF54-5154/FLX54-5154 INF54-5558/FLX54-5558 INF54-59/FLX54-59 | | | | | | | | | | | | | | | | | | |

Radius shown in meters. Toro recommends the use of a 30 mm swing joint at flows over 95-LPM. Sprinkler radius of throw per ASAE standard S398.1. Actual site conditions must be considered when selecting the appropriate nozzle. All sprinklers are equipped with the selectable pilot valve that allows settings at 3,4; 4,5; 5,5; and 6,9 Bar.

(-) Not recommended at these pressures.

SPECIFICATIONS | FLEX800™ B Series

FEATURES

- Ratcheting riser - Part circle models
- Nozzle base clutching - Part circle models
- Radius reduction screw 363-4839 for fine tuning. Standard on FLX35B; optional on FLX34B and not available on FLX35-6B models
- Pop-up height to nozzle: 8,25 cm (3.25")

OPERATING SPECIFICATIONS

Inlet:

- 25 mm (1") NPT, BSP or ACME

Radius:

- FLX35-6B: 9 m - 29 m (29' - 95')
- FLX35B: 9 m - 27 m (29' - 90')
- FLX34B: 17 m - 29 m (57' - 95')

Flow Rate:

- FLX35-6B: 26,8 - 198,7 LPM (7.1 - 52,5 GPM)
- FLX35B: 31,0 - 213,1 LPM (8.2 - 56,3 GPM)
- FLX34B: 49,2 - 209,7 LPM (13,0 - 55,4 GPM)

Precipitation Rates:

- FLX35-6B: 8,6 - 14,2 mm/hr (0.34 in/hr - 0.56 in/hr)
- FLX35B: 9,3 - 17,0 mm/hr (0.37 in/hr - 0.67 in/hr)
- FLX34B: 8,3 - 14,9 mm/hr (0.33 in/hr - 0.59 in/hr)

Recommended Operating Pressure Range:

- 4,4-6,9 Bar (65-100 psi)

TRAJECTORY

- FLX35-6B - 7° - 30° in 1° increments; 24 positions
- FLX35B - 15° or 25° in 2 positions
- FLX34B - 15° or 25° in 2 positions

CHECK-O-MATIC

feature prevents low head drainage up to 10" of elevation change

NOZZLE SELECTION

Nozzle Variations

- FLX35-6B - nine variations (30, 31, 32, 33, 34, 35, 36, 37 & 38)
- FLX35B - nine variations (30, 31, 32, 33, 34, 35, 36, 37 & 38)
- FLX34B - eight variations (31, 32, 33, 34, 35, 36, 37 & 38)
- Back nozzle capability on part circle models standard
- FLX35-6B - one position available
- FLX35B - two positions available
- FLX34B - two additional front nozzle positions
- Main-less capability for short radius applications

Stator variations:

- FLX35-6B, FLX35B: 3
- FLX34B: 2

DIMENSIONS

- Body Diameter: 15,2 cm (6")
- Body height: 21,6 cm (8,5")
- Weight:
 - FLX35-6B: 0,9 kg (1.99 lbs)
 - FLX35B: 0,9 kg (1.99 lbs)
 - FLX34B: 0,89 kg (1.97 lbs)

WARRANTY

- Two years; Five years when installed with Toro® Swing Joints

SPECIFYING INFORMATION

| FLX3XB-X2-XXXX | | | | | |
|--------------------------|--|----------|--------------------------------|---------------|--|
| Series | Arc | System | Thread Type | Valve Type | Nozzle |
| FLX3 | X | B | X | 2 | XXXX |
| FLX3 - FLEX800™ B Series | 4-Full Circle (DT only) 5-Part-/Full-Circle 5-6-Part/Full-Circle with TruJectory | B-Block | 0 - NPT 4 - ACME 5 - BSP | Check-O-Matic | 3134 - Includes nozzles 31, 32, 33, 34 3538 - Includes nozzles 35, 36, 37, 38 |

Example: When specifying a FLEX800 B Series Sprinkler with full circle - NPT threads and #34 nozzle, you would specify: FLX34B-02-3134

* Electric models only. All sprinklers are equipped with the selectable pilot valve that allows settings at 3,4; 4,5; 5,5; and 6,9 Bar (50, 65, 80 and 100 psi). Note: Not all models available. Nickel-plated, corrosion-resistant models are available upon request.

SPECIFICATIONS | FLEX800™ B Series

FLX35-6B SERIES PERFORMANCE DATA – 25°

| Front Nozzle Positions | Nozzle Set 30 | | Nozzle Set 31 | | Nozzle Set 32 | | Nozzle Set 33 | | Nozzle Set 34 | | Nozzle Set 35 | | Nozzle Set 36 | | Nozzle Set 37 | | Nozzle Set 38 | | | |
|------------------------|--|----------------------|--------------------|---------------------|----------------------|---------------------|--------------------|---------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|--------------------|------------------|------------------|------------------|-------|
| | (White) 102-2208 | (Yellow) 102-4587 | (Blue) 102-4588 | (Brown) 102-4589 | (Orange) 102-0728 | (Green) 102-0729 | (Grey) 102-0730 | (Black) 102-4261 | (Red) 102-6909 | Blue 102-2925 | Grey 102-2910 | Blue 102-2925 | Grey 102-2910 | Blue 102-2925 | Grey 102-2910 | Orange 102-2926 | Grey 102-2910 | Blue 102-2925 | Grey 102-2910 | |
| Back Nozzle Position | Red Plug 102-4335 | | | | | | | | | | | | | | | | | | | |
| Base Pressure | | | | | | | | | | | | | | | | | | | | |
| Bar | kPa | kg/cm ² | Radius | LPM | Radius | LPM | Radius | LPM | Radius | LPM | Radius | LPM | Radius | LPM | Radius | LPM | Radius | LPM | Radius | LPM |
| 3,5 | 345 | 3,52 | 13 | 26,9 | 16 | 53 | 18 | 68,1 | - | - | - | - | - | - | - | - | - | - | - | - |
| 4,1 | 414 | 4,22 | 13 | 30 | 16 | 57,5 | 18 | 73,9 | 20 | 82,9 | - | - | - | - | - | - | - | - | - | - |
| 4,8 | 483 | 4,92 | 14 | 33,1 | 17 | 62,1 | 19 | 79,6 | 21 | 89,3 | 23 | 123,8 | 23 | 133,2 | - | - | - | - | - | - |
| 5,5 | 552 | 5,63 | 14 | 36,3 | 17 | 65,9 | 20 | 85,5 | 21 | 95,8 | 23 | 132,9 | 24 | 142,7 | 26 | 149,9 | 26 | 164,3 | 27 | 179,8 |
| 6,2 | 621 | 6,33 | 14 | 39,4 | 18 | 70 | 21 | 90,5 | 22 | 101,2 | 24 | 140 | 25 | 151 | 26 | 158,6 | 27 | 173,7 | 28 | 189,3 |
| 6,9 | 689 | 7,03 | 15 | 42,4 | 18 | 73,4 | 21 | 95,4 | 23 | 106,7 | 24 | 147,1 | 26 | 158,2 | 27 | 166,9 | 27 | 183,2 | 29 | 198,7 |
| Stator | 102-6929 Blue | | | 102-1939 Yellow | | | | | | 102-1940 White | | | | | | | | | | |
| Conversions | FLX35-6-3134 (requires screen replacement) FLX35-6-3537 (requires screen replacement) | | | | | | | | | | | | | | | | | | | |

FLX35B SERIES PERFORMANCE DATA – 25°

| Front Nozzle Positions | Nozzle Set 30 | | Nozzle Set 31 | | Nozzle Set 32 | | Nozzle Set 33 | | Nozzle Set 34 | | Nozzle Set 35 | | Nozzle Set 36 | | Nozzle Set 37 | | Nozzle Set 38 | | | | | | | | | | | |
|------------------------|--|----------------------|--------------------|---------------------|----------------------|---------------------|--------------------|---------------------|-------------------|--------------------|-------------------|--------------------|-------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| | (White) 102-2208 | (Yellow) 102-6906 | (Blue) 102-0726 | (Brown) 102-6907 | (Orange) 102-0728 | (Green) 102-6955 | (Grey) 102-6935 | (Black) 102-6936 | (Red) 102-6909 | Yellow 102-5670 | Beige 102-6942 | Yellow 102-5670 | Brown 102-5671 | Yellow 102-5670 | Yellow 102-6884 | Yellow 102-5670 | Yellow 102-6884 | Yellow 102-5670 | Yellow 102-6884 | Yellow 102-5670 | Green 102-6885 | Green 102-6885 | Green 102-6531 | Green 102-6885 | Green 102-6531 | Green 102-6885 | Green 102-6531 | Green 102-6885 |
| Back Nozzle Position | Red Plug 102-4335 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Base Pressure | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bar | kPa | kg/cm ² | Radius | LPM | Radius | LPM | Radius | LPM | Radius | LPM | Radius | LPM | Radius | LPM | Radius | LPM | Radius | LPM | Radius | LPM | Radius | LPM | Radius | LPM | Radius | LPM | Radius | LPM |
| 3,5 | 345 | 3,52 | 13 | 31 | 17 | 51,5 | 17 | 69,3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 4,1 | 414 | 4,22 | 13 | 35,2 | 17 | 56,8 | 18 | 76,1 | 19 | 91,6 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 4,8 | 483 | 4,92 | 14 | 39,3 | 18 | 61,3 | 18 | 82,5 | 20 | 99,5 | 21 | 113,6 | 22 | 140 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 5,5 | 552 | 5,63 | 14 | 43,5 | 18 | 65,5 | 19 | 88,2 | 20 | 106 | 22 | 121,5 | 23 | 149,9 | 24 | 162,4 | 24 | 184 | 26 | 191,5 | - | - | - | - | - | - | - | - |
| 6,2 | 621 | 6,33 | 14 | 47,1 | 18 | 69,6 | 19 | 93,5 | 21 | 112,8 | 22 | 129,4 | 23 | 159 | 24 | 171,8 | 25 | 194,9 | 27 | 202,9 | - | - | - | - | - | - | - | - |
| 6,9 | 689 | 7,03 | 14 | 50,7 | 19 | 73,1 | 20 | 98,4 | 21 | 118,8 | 23 | 135,9 | 24 | 167,3 | 25 | 184,7 | 25 | 205,1 | 27 | 213,1 | - | - | - | - | - | - | - | - |
| Stator | 102-6929 Blue | | | 102-1939 Yellow | | | | | | 102-1940 White | | | | | | | | | | | | | | | | | | |
| Conversions | FLX35-3134 (requires screen replacement) FLX35-3537 (requires screen replacement) | | | | | | | | | | | | | | | | | | | | | | | | | | | |

FLX34B SERIES PERFORMANCE DATA – 25°

| Front Nozzle Positions | Nozzle Set 31 | | Nozzle Set 32 | | Nozzle Set 33 | | Nozzle Set 34 | | Nozzle Set 35 | | Nozzle Set 36 | | Nozzle Set 37 | | Nozzle Set 38 | | | | | | | | | |
|------------------------|--|--------------------|---------------------|----------------------|---------------------|--------------------|---------------------|-------------------|--------------------|------------------|--------------------|--------------------|--------------------|-----------------|--------------------|-------------------|--------------------|-------------------|--------------------|-----------------|--------------------|------------------|--------------------|------------------|
| | (Yellow) 102-0725 | (Blue) 102-7001 | (Brown) 102-0727 | (Orange) 102-7002 | (Green) 102-6908 | (Grey) 102-0730 | (Black) 102-4261 | (Red) 102-4260 | Yellow 102-6937 | Blue 102-2925 | Yellow 102-6937 | Orange 102-2926 | Yellow 102-6937 | Red 102-2928 | Yellow 102-6937 | Beige 102-2929 | Yellow 102-6937 | Beige 102-2929 | Yellow 102-6937 | Red 102-6944 | Yellow 102-6937 | Grey 102-6945 | Yellow 102-6937 | Grey 102-6945 |
| Back Nozzle Position | Red Plug 102-4335 | | | | | | | | | | | | | | | | | | | | | | | |
| Base Pressure | | | | | | | | | | | | | | | | | | | | | | | | |
| Bar | kPa | kg/cm ² | Radius | LPM | Radius | LPM | Radius | LPM | Radius | LPM | Radius | LPM | Radius | LPM | Radius | LPM | Radius | LPM | Radius | LPM | Radius | LPM | Radius | LPM |
| 3,5 | 345 | 3,52 | 17 | 49,2 | 18 | 58,7 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 4,1 | 414 | 4,22 | 18 | 53,2 | 18 | 64,9 | 20 | 89,3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 4,8 | 483 | 4,92 | 18 | 58,7 | 19 | 68,9 | 21 | 99,2 | 22 | 113,6 | 24 | 135,1 | - | - | - | - | - | - | - | - | - | - | - | |
| 5,5 | 552 | 5,63 | 18 | 61,3 | 19 | 77,6 | 22 | 105,6 | 23 | 121,5 | 24 | 144,6 | 25 | 154,8 | 26 | 159,3 | 28 | 190 | - | - | - | - | - | |
| 6,2 | 621 | 6,33 | 19 | 66,2 | 20 | 83,1 | 22 | 112,2 | 24 | 128,9 | 25 | 153,1 | 26 | 164,1 | 27 | 168,4 | 28 | 199,8 | - | - | - | - | - | |
| 6,9 | 689 | 7,03 | 19 | 71,2 | 20 | 88,6 | 23 | 118,8 | 24 | 136,3 | 26 | 161,1 | 27 | 173,4 | 28 | 177,5 | 29 | 209,7 | - | - | - | - | - | |
| Stator | 102-6929 Blue | | | | | | | | 102-1940 White | | | | | | | | | | | | | | | |
| Conversions | FLX34-3134 (requires screen replacement) FLX34-3537 (requires screen replacement) | | | | | | | | | | | | | | | | | | | | | | | |

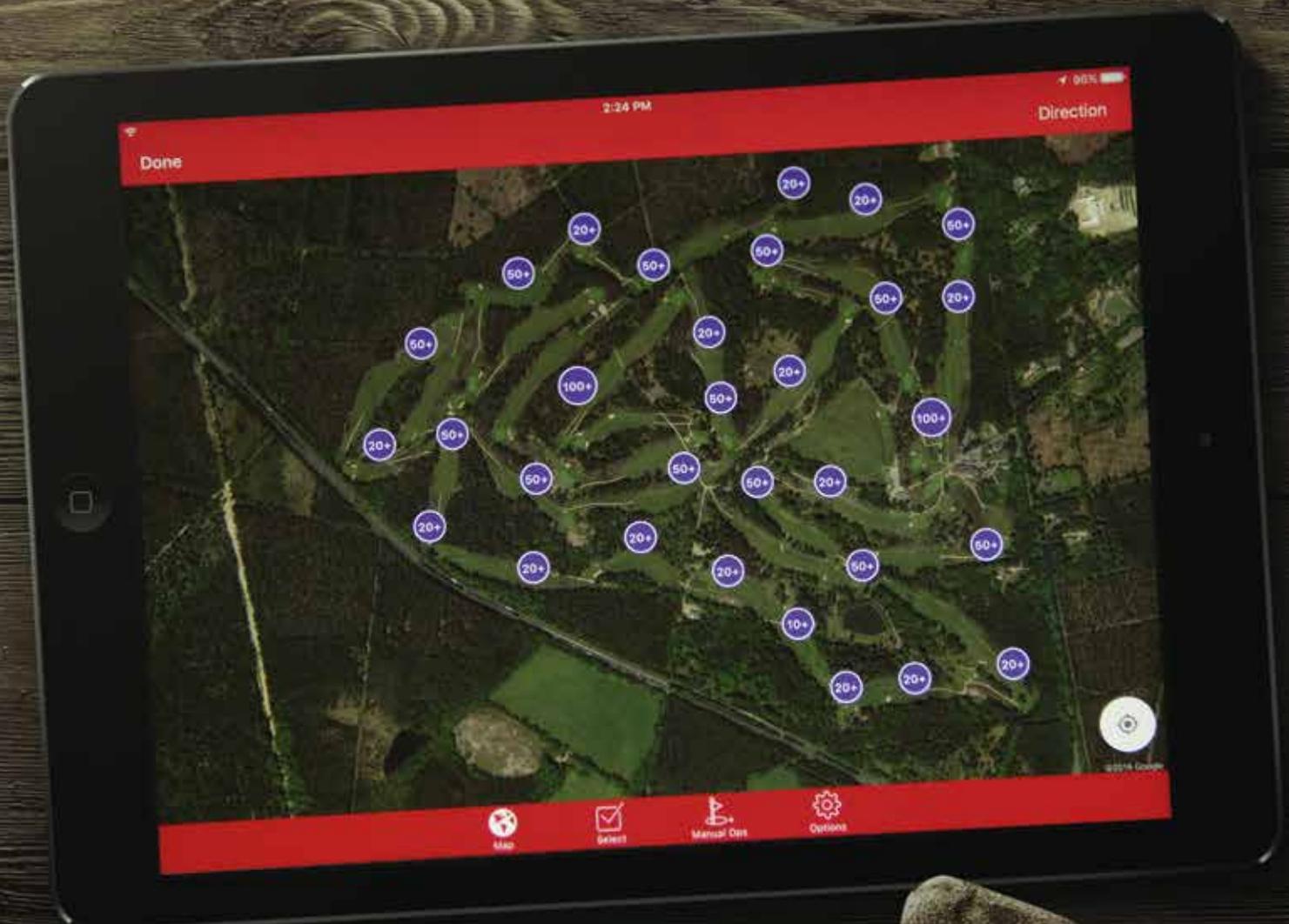
Radius shown in meters. Toro recommends the use of a 30 mm swing joint at flows over 95-LPM. Sprinkler radius of throw per ASAE standard S398.1. Actual site conditions must be considered when selecting the appropriate nozzle. All sprinklers are equipped with the selectable pilot valve that allows settings at 3,4; 4,5; 5,5; and 6,9 Bar.

(-) Not recommended at these pressures.

THE TORO® LYNX® CENTRAL CONTROL SYSTEM

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Printed in Germany
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