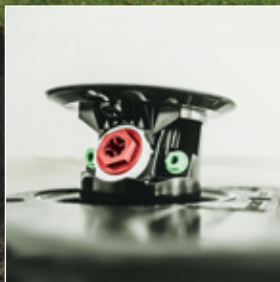




INFINITY® SERIES GOLF ROTORS



THE DIFFERENCE BETWEEN GOOD
AND REVOLUTIONARY.



THE INFINITY® SERIES GOLF ROTORS

The Unique Features of Toro®

Make your work count over and over with the sensational INFINITY® sprinkler family with Smart Access®.



Wide Nozzle Selection
Benefit from infinite flexibility on both front and back nozzles.

Pilot Valve Selector
Simply turn the sprinkler on and off at the top.

LSM 2-Wire Module
Never worry about finding the decoder. And always be sure it's well protected.

INFINITY® Stealth™ Kit Models
Eliminate sprinkler interference, enhance course appearance.

Versatile Trajectory Adjustment
Perfectly adapt the sprinkler to any terrain and wind conditions.

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

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

Ratcheting Riser
Move the arc back and forth without changing it

Smart Access®
Solenoid, pilot valve and decoder all within hand's reach, no digging required.

Protective Enclosure
All parts and wire connections are safe from the elements.

INFINITY® SERIES GOLF ROTORS INF35-6/INF55-6

Features & Benefits

- 1 TruJectory® – 24 Positions**
 From 7° - 30° in 1° increments put water 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.
- 2 Industry's Largest Nozzle Selection**
 Nozzles from 12,8m - 30,5m (42' to 100') radius plus a wide assortment of back nozzles lets you put the precise amount of water exactly where you need it. All nozzles threaded in from the front.
- 3 Hot Spot Watering**
 Nozzle base can be turned in either direction and held to put down as much water as needed, precisely where you want it. Standard on all Toro Part circle Golf rotors!
- 4 Adjustment With No Disassembly**
 Toro exclusive, simply pull up the riser and turn the nozzle base to the precise position you want to water.
- 5 True Part and Full-Circle in One – 40° - 330° Part Circle and 360° Full Circle**
 These sprinklers can be 360° full circle today and part circle tomorrow allowing you to simply and economically adjust the area of coverage to match your seasonal needs or meet water rationing mandates.



INFINITY® SERIES GOLF ROTORS INF35-6/INF55-6

INF35-6 Conversion Upgrades

Models	Description
INF35-6-3134	INF35-6 w/31-34 Nozzles (33 Nozzle Installed)
INF35-6-3537	INF35-6 w/35-37 Nozzles (35 Nozzle Installed)



INF55-6 Conversion Upgrades

Models	Description
INF55-6-5154	INF55-6 w/51-54 Nozzles (53 Nozzle Installed)
INF55-6-5558	INF55-6 w/55-58 Nozzles (55 Nozzle Installed)
INF55-6-59	INF55-6 w/59 Nozzle installed



STEALTH™ Kits

Eliminates sprinkler interference and enhances course appearance.



STEALTH™ Kit Models

STEALTH-T – Kit attaches to INFINITY Series sprinklers with TruJectory™ style, 24-position main nozzle adjustment capability

STEALTH-D – Kit attaches to INFINITY Series sprinklers with dual trajectory main nozzle adjustment capability

Operating Specifications

Inlet:

- **INF35-6:** 25mm (1") ACME
- **INF55-6:** 40mm (1.5") ACME

Radius:

- **INF35-6:** 12,8 – 28,0m (42' – 92')
- **INF55-6:** 15,9 – 30,5m (52' – 100')

Flow Rate:

- **INF35-6:** 26,9-171,5 LPM (7.1 – 45.3 GPM)
- **INF55-6:** 52,6-231,3 LPM (13.9 – 61.1 GPM)

Precipitation Rates:

- **INF35-6:**
Minimum: 9,8mm/hr (0.39"/hr);
Maximum: 16,3mm/hr (0.64"/hr)

- **INF55-6:**
Minimum: 11,1mm/hr (0.44"/hr);
Maximum: 17,5mm/hr (0.69"/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
- Spike Guard Solenoid
- Nickel-plated Spike Guard Solenoid
- DC Latching Solenoid (DCLS)
 - Momentary low voltage pulse
- Lynx Smart Module with DCLS
 - Momentary low voltage pulse
- Trajectory: 24 positions from 7° - 30° in 1° increments

Nozzle Selection

- **INF35-6** has eight nozzle variations (30, 31, 32, 33, 34, 35, 36 and 37)
- **INF55-6** has nine nozzle variations (51, 52, 53, 54, 55, 56, 57, 58 and 59)
- Four in-line nozzles, rotating stream pattern
- One back nozzle position
- Stator variations: INF35-6 – 3 and NF55-6 – 3

Dimensions

SMART ACCESS™ Cover and Compartment Diameter:

- **INF35-6:** 19cm (7.5")
- **INF55-6:** 19cm (7.5")

Body height:

- **INF35-6:** 25cm (10")
- **INF55-6:** 29cm (11.38")

Weight:

- **INF35-6:** 1,95kg (4.31 lbs.)
- **INF55-6:** 2,33kg (5.13 lbs.)

Weight integrated with Lynx Smart Module:

- **INF35-6:** 2,27kg (5.00 lbs.)
- **INF55-6:** 2,63kg (5.82 lbs.)

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

Warranty

Two years; Five years when installed with Toro Swing Joints

Specifying Information—INF35-6 & INF55-6

INFX5-XXX-X6					
Body Inlet	Arc	Nozzle	Pressure Regulation*	Activation Type	Trajectory
INFX	5	XX	X	X	6
3—1" 5—1 1/2"	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— 4,5 bar (65 psi) 8— 5,5 Bar (80 psi) 1— 6,9 Bar (100 psi)	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	6—24-position TruJectory
Example: When specifying an INF35-6 Series Sprinkler with #34 nozzle, pressure regulation at 4,5 bar (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.

INFINITY® SERIES GOLF ROTORS INF35-6/INF55-6

INF35-6/INF55-6 Trajectory Performance

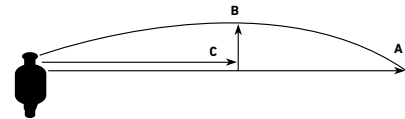
Nozzle/Bar/LPM	#31/51 Nozzle @ 4,5 Bar							#32/52 Nozzle @ 4,5 Bar															
	7°	10°	15°	20°	25°	30°	7°	10°	15°	20°	25°	30°											
"A" Radius	14,0	14,0	15,2	15,5	16,2	16,5	15,2	14,0	14,9	14,9	15,2	15,5	16,8	19,2	19,5	16,5	19,8						
"B" Spray Height	1,2	1,2	1,5	1,8	2,4	3,0	3,4	4,0	4,0	4,6	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	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°										
"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°								
"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	4,3	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	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°						
"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°
"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.

INF35-6 Series Performance Chart

Base Pressure	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)			(Yellow)		(Blue)		(Brown)		(Orange)		(Green)		(Gray)		(Black)			
	102-2208			102-4587		102-4588		102-4589		102-0728		102-0729		102-0730		102-4261			
Bar	kPa	kg/cm ²	Blue	Gray	Blue	Gray	Red	Gray	Orange	Gray	Orange	Gray	Blue	Gray	Blue	Gray	Orange	Gray	
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	12,8	26,9	15,9	51,9	18,6	64,7	19,5	76,5	21,0	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	24,4	128,7	—	—	—
5,5	550	5,61	14,0	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	26,2	154,4	
6,9	690	7,04	14,6	42,4	18,0	71,5	22,0	95,4	22,6	106,7	24,4	140,0	25,6	151,0	26,8	160,9	28,1	171,5	
Stator			102-6929 Blue				102-1939 Yellow				102-1940 White								
Conversions			INF35-6-3134				INF35-6-3134				INF35-6-3537								

Not recommended at these pressures. Radius shown in meters. Toro recommends the use of a 1/4" (30mm) swing joint at flows over 25-GPM (95-LPM). Sprinkler radius of throw per ASAE standard S398.1.

INF55-6 Series Performance Chart

Base Pressure	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)		(Blue)		(Brown)		(Orange)		(Green)		(Gray)		(Black)		(Red)		(Beige)			
	102-4587		102-4588		102-4589		102-0728		102-0729		102-0730		102-4261		102-4260		102-4259			
Bar	kPa	kg/cm ²	Blue	Gray	Red	Gray	Orange	Gray	Orange	Gray	Blue	Gray	Blue	Gray	Orange	Gray	Blue	Gray		
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	15,9	52,6	18,9	65,9	20,1	78,3	21,0	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	24,7	135,1	—	—	—	—	—	
5,5	550	5,61	17,4	65,1	20,7	86,7	22,0	97,7	23,5	130,2	24,1	140,8	25,9	149,1	27,1	165,0	28,1	179,8	29,3	215,7
6,9	690	7,04	18,0	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	29,0	194,9	30,5	231,3
Stator			102-1939 Yellow				102-1940 White				102-1941									
Conversions			INF55-6-5154				INF55-6-5558				INF55-6-59									

Not recommended at these pressures. Radius shown in meters. Toro recommends the use of a 1/4" (30mm) swing joint at flows over 25-GPM (95-LPM). Sprinkler radius of throw per ASAE standard S398.1.

INFINITY® SERIES GOLF ROTORS INF35/INF55

Features & Benefits - Dual Trajectory Part Circle

- 1 Industry's Largest Nozzle Selection**
 Nozzles from 12,8m - 30,5m (42' to 100') radius plus a wide assortment of back nozzles lets you put the precise amount of water exactly where you need it. All nozzles threaded in from the front.
- 2 Stainless Steel Valve Seat**
 Eliminates body damage from rocks and debris. This in-destructible stainless steel seat is moulded to the body and virtually eliminates body replacements due to seat damage. Standard on all Toro Golf rotors!
- 3 Ratcheting Riser**
 Align part circle quickly and easily or adjust watering locations to suit seasonal needs.
- 4 True Part and Full-Circle in One – 40° - 330° part circle**
 These sprinklers can be full circle today and part circle tomorrow allowing you to simply and economically adjust the area of coverage to match your seasonal needs or meet water rationing mandates.



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

INFINITY® SERIES GOLF ROTORS INF35/INF55

INF35 Conversion Upgrades

Models	Description
• INF35-3134	INF35 w/31-34 Nozzles (#33 Nozzle Installed)
• INF35-3537	INF35 w/35-37 Nozzles (#35 Nozzle Installed)



INF55 Conversion Upgrades

Models	Description
• INF55-5154	INF55 w/51-54 Nozzles (#53 Nozzle Installed)
• INF55-5558	INF55 w/55-58 Nozzles (#55 Nozzle Installed)
• INF55-59	INF55 w/59 Nozzle



STEALTH™ Kits

Eliminates sprinkler interference and enhances course appearance.



STEALTH™ Kit Models

STEALTH-T – Kit attaches to INFINITY Series sprinklers with TruJectory™ style, 24-position main nozzle adjustment capability

STEALTH-D – Kit attaches to INFINITY Series sprinklers with dual trajectory main nozzle adjustment capability

Operating Specifications

Inlet:

- **INF35:** 25mm (1") ACME
- **INF55:** 40mm (1.5") ACME

Radius:

- **INF35:** 12,8 – 25,3m (43' – 83')
- **INF55:** 16,7 – 28,0m (55' – 92')

Flow Rate:

- **INF35:** 31,0 – 179,0 LPM (8.2 – 47.8 GPM)
- **INF55:** 53,0 – 232,0 LPM (14.1 – 61.3 GPM)

Precipitation Rates:

- **INF35:** Minimum: 10,8 mm/hr (0.43"/hr); Maximum: 19,4 mm/hr (0.76"/hr)
- **INF55:** Minimum: 11,4 mm/hr (0.45"/hr); Maximum: 20,5 mm/hr (0.81"/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
- Spike Guard Solenoid
- Nickel-plated Spike Guard Solenoid
- DC Latching Solenoid (DCLS)
 - Momentary low voltage pulse
- Lynx Smart Module with DCLS
 - Momentary low voltage pulse

Nozzle Selection

- **INF35** has eight nozzle variations (30, 31, 32, 33, 34, 35, 36 & 37)
- **INF55** has nine nozzle variations (51, 52, 53, 54, 55, 56, 57, 58 & 59)
- Three in-line nozzles, rotating stream pattern
- Two back nozzle positions
- Stator variations: 3
- Radius reduction screw 363-4839 for fine tuning

Dimensions:

SMART ACCESS® Cover And Compartment Diameter:

- **INF35:** 19cm (7.5")
- **INF55:** 19cm (7.5")

Body height:

- **INF35:** 25cm (10")
- **INF55:** 29cm (11.38")

Weight:

- **INF35:** 1,93kg (4.26 lbs.)
- **INF55:** 2,30kg (5.08 lbs.)

Weight – Intergrated with Lynx Smart Module:

- **INF35:** 2,24kg (4.95 lbs.)
- **INF55:** 2,59kg (5.71 lbs.) Pop-up height to nozzle: 8,25cm (3.25")

Warranty

Two years; Five years when installed with Toro Swing Joints









Specifying Information—INF35 & INF55

INF55-XXX-X				
Body Inlet	Arc	Nozzle	Pressure Regulation*	Activation Type
INF35	5	XX	X	X
3—1" 5—1½"	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— 4,5 bar (65 psi) 8— 5,5 bar (80 psi) 1— 6,9 bar (100 psi)	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 INF35 Series Sprinkler with #34 nozzle, pressure regulation at 4,5 bar (65 psi) and Spike Guard you would specify: INF35-346-2				

* 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.

INFINITY® SERIES GOLF ROTORS INF35/INF55










INF35 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			
																				
			102-2208		102-6906		102-0726		102-6907		102-0728		102-6955		102-6935		102-6936			
			Yellow	Beige	Yellow	Brown	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Green	Green	Green	Green	Green
102-5670	102-6942	102-5670	102-5671	102-5670	102-6884	102-5670	102-6884	102-5670	102-6884	102-5670	102-6884	102-5670	102-6885	102-6531	102-6885	102-6531	102-6885			
Back Nozzle Positions			Red Plug		Red Plug		Red Plug		Red Plug		Red Plug		Red Plug		Red Plug		Red Plug			
			102-4335		102-4335		102-4335		102-4335		102-4335		102-4335		102-4335		102-4335			
			Bar	kPa	kg/cm2	Radius	LPM	Radius	LPM	Radius	LPM	Radius	LPM	Radius	LPM	Radius	LPM	Radius	LPM	Radius
3,4	340	3,47	13,1	31,0	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	18,0	77,6	19,5	92,4	20,7	106,7	22,0	129,1	—	—	—	—	—	—
5,5	550	5,61	14,0	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	18,0	72,3	19,8	94,2	21,4	112,8	22,6	129,1	24,1	154,8	24,7	165,8	25,3	179,0	—	—

INF35 Series Performance Chart—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	31,0	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	19,8	103,3	21,0	125,3	—	—	—	—	—	—
5,5	550	5,61	14,0	43,5	17,7	65,1	19,5	85,5	21,0	101,4	21,0	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	22,0	124,5	23,8	149,5	25,0	161,2	25,0	174,5	—	—
Stator			102-6929 Blue				102-1939 Yellow						102-1940 White							
Conversions			INF35-3134												INF35-3537					

INF55 Performance Data—25°

Front Nozzle Positions			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	
																				
			102-6906		102-0726		102-6907		102-0728		102-6955		102-6935		102-6936		102-6909		102-4259	
			Yellow	Brown	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Green	Green	Green	Green	Green	Green	Green	Green	Green
102-5670	102-5671	102-5670	102-6884	102-5670	102-6884	102-5670	102-6884	102-5670	102-6884	102-5670	102-6885	102-6531	102-6885	102-6531	102-6885	102-6531	102-6885	102-6531	102-6885	
Back Nozzle Positions			Red Plug		Red Plug		Red Plug		Red Plug		Red Plug		Red Plug		Red Plug		Red Plug		Red Plug	
			102-4335		102-4335		102-4335		102-4335		102-4335		102-4335		102-4335		102-4335		102-4335	
			Bar	kPa	kg/cm2	Radius	LPM	Radius	LPM	Radius	LPM	Radius	LPM	Radius	LPM	Radius	LPM	Radius	LPM	Radius
3,4	340	3,47	16,7	53,4	17,3	70,0	18,9	84,4	20,1	97,6	—	—	—	—	—	—	—	—	—	—
4,5	450	4,59	17,4	59,8	18,2	79,1	19,8	95,0	21,0	108,6	22,3	135,8	—	—	—	—	—	—	—	—
5,5	550	5,61	18,0	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	204,0	28,0	232,0

INF55 Series Performance Chart—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	53,0	17,9	62,5	18,9	84,0	19,2	96,9	—	—	—	—	—	—	—	—	—	—		
4,5	450	4,59	17,1	59,0	18,8	78,3	19,8	94,6	20,1	107,9	22,8	133,6	—	—	—	—	—	—	—	—		
5,5	550	5,61	18,0	65,9	20,1	87,1	21,0	104,8	21,4	119,2	23,1	147,6	23,7	160,5	24,0	177,5	24,0	187,4	25,0	216,5		
6,9	690	7,04	18,2	72,7	20,7	95,0	21,7	114,3	22,0	129,8	24,4	158,6	24,6	184,3	25,3	192,2	25,3	202,1	25,9	230,1		
Stator			102-1939 Yellow						102-1940 White						102-1941 White							
Conversions			INF55-5154												INF55-5558						INF55-59	

INF35 Nozzle Apex

Pressure	Nozzle	Apex at 15°	Apex at 25°
4,5 bar	31	1,8m @ 15,5m	4m @ 16,4m
	32	1,8m @ 15,5m	3,4m @ 19,5m
	33	2,1m @ 18m	4m @ 20,7m
	34	2,4m @ 19m	4,6m @ 22,6m
	35	2,7m @ 20m	4,6m @ 23m
5,5 bar	36	2,4m @ 22,9m	5,5m @ 25,3m
	37	2,7m @ 22,5m	5,8m @ 25m

INF55 Nozzle Apex

Pressure	Nozzle	Apex at 15°	Apex at 25°
4,5 bar	51	1,8m @ 15,5m	4m @ 16,4m
	52	1,8m @ 15,5m	3,4m @ 19,5m
	53	2,1m @ 18m	4m @ 20,7m
	54	2,4m @ 19m	4,6m @ 22,6m
	55	2,7m @ 20m	4,6m @ 23m
5,5 bar	56	2,4m @ 22,9m	5,5m @ 25,3m
	57	2,7m @ 22,5m	5,8m @ 25m
	58	3m @ 25m	5,5m @ 26,5m
	59	3,4m @ 24,6m	6,4m @ 27,7m

INFINITY® SERIES GOLF ROTORS INF34/INF54

Features & Benefits - Dual Trajectory Full Circle

- 1 Industry's 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.
- 2 Five Activation types**

 - Standard solenoid
 - Spike Guard™ solenoid
 - Nickel plated Spike Guard solenoid
 - DC Latching solenoid (DCLS)
 - Integrated LSM module w/ DCLS available on all INFINITY models!
- 3 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.
- 4 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. Standard on all Toro Golf rotors!



INFINITY® SERIES GOLF ROTORS INF34/INF54

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)



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



STEALTH™ Kits

Eliminates sprinkler interference and enhances course appearance.



STEALTH™ Kit Models

STEALTH-T – Kit attaches to INFINITY Series sprinklers with TruJectory™ style, 24-position main nozzle adjustment capability

STEALTH-D – Kit attaches to INFINITY Series sprinklers with dual trajectory main nozzle adjustment capability

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") ACME
- **INF54:** 40mm (1.5") 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: 9,8 mm/hr (0.39"/hr)
 - Maximum: 16,2 mm/hr (0.60"/hr)
- **INF54:**
 - Minimum: 9,6 mm/hr (0.38"/hr)
 - Maximum: 17,8 mm/hr (0.70"/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)
 - Momentary low voltage pulse
- Lynx Smart Module with DCLS
 - Momentary low voltage pulse

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.)

Weight integrated with Lynx Smart Module:

- **INF34:** 2,24kg (4.95 lbs.)
- **INF54:** 2,59kg (5.71 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






























INF34-XXX-XX				
Body Inlet	Arc	Nozzle	Pressure Regulation*	Activation Type
INFX	4	XX	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— 4,5 bar (65 psi) 8— 5,5 bar (80 psi) 1— 6,9 bar (100 psi)	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 4,5 bar (65 psi) and Spike Guard you would specify: INF34-346-2				

* 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.

INFINITY® SERIES GOLF ROTORS INF34/INF54




































INF34 Series Performance Chart—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					
																				
			(Yellow)		(Blue)		(Brown)		(Orange)		(Green)		(Gray)		(Black)					
			102-0725		102-7001		102-0727		102-7002		102-6908		102-0730		102-4261					
Red Plug																				
102-4335	102-4335	102-4335	102-4335	102-4335	102-4335	102-4335	102-4335	102-4335	102-4335	102-4335	102-4335	102-4335	102-4335	102-4335	102-4335	102-6883				
Back Nozzle Positions																				
			Yellow		Blue		Yellow		Orange		Yellow		Beige		Yellow		Red		Yellow	
			102-6937		102-2925		102-6937		102-2926		102-6937		102-2928		102-6937		102-2929		102-6937	
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	17,4	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	22,0	106,4	23,2	121,9	—	—	—	—	—	—		
5,5	550	5,61	18,3	61,3	19,2	77,6	22,0	101,8	23,2	117,7	24,4	134,7	25,3	144,6	25,9	157,1	—	—		
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	27,8	177,5	—	—		

INF34 Series Performance Chart—15°

Bar	kPa	kg/cm ²	Radius	LPM	Radius	LPM	Radius	LPM	Radius	LPM	Radius	LPM	Radius	LPM	Radius	LPM	
3,4	340	3,47	15,9	48,8	16,2	59,0	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	106,0	20,4	121,5	—	—	—		
5,5	550	5,61	17,1	60,6	17,4	71,9	19,8	100,7	21,0	117,3	22,3	134,4	23,2	143,8	23,5	156,3	
6,9	690	7,04	17,4	66,2	18,0	77,6	20,4	111,7	21,7	128,3	22,9	145,3	24,4	163,1	24,7	177,1	
Stator			102-6929 Blue									102-1940 White					
Conversions			INF34-3134									INF34-3537					

INF54 Series Performance Chart—25°

Front Nozzle Positions			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)		(Blue)		(Brown)		(Orange)		(Green)		(Gray)		(Black)		(Red)		(Beige)			
			102-0725		102-7001		102-0727		102-7002		102-6908		102-0730		102-4261		102-4260		102-4259			
Red Plug																						
102-4335	102-4335	102-4335	102-4335	102-4335	102-4335	102-4335	102-4335	102-4335	102-4335	102-4335	102-4335	102-4335	102-4335	102-4335	102-4335	102-6883	102-4335	102-6883	102-4335	102-4335		
Back Nozzle Positions																						
			Yellow		Blue		Yellow		Orange		Yellow		Beige		Yellow		Gray		Yellow		Gray	
			102-6937		102-2925		102-6937		102-2926		102-6937		102-2928		102-6937		102-2929		102-6937		102-6945	
Bar	kPa	kg/cm ²	Radius	LPM	Radius	LPM	Radius	LPM	Radius	LPM	Radius	LPM	Radius	LPM	Radius	LPM	Radius	LPM	Radius	LPM		
3,4	340	3,47	17,7	50,0	18,0	59,4	19,5	83,3	21,4	99,2	—	—	—	—	—	—	—	—	—	—		
4,5	450	4,59	18,3	56,0	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	22,0	104,5	23,8	123,4	25,3	143,8	25,9	154,0	26,5	169,9	27,8	190,0	29,3	210,4		
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	190,0	29,0	209,7	30,2	233,9		

INF54 Series Performance Chart—15°

Bar	kPa	kg/cm ²	Radius	LPM	Radius	LPM	Radius	LPM	Radius	LPM	Radius	LPM	Radius	LPM	Radius	LPM	Radius	LPM	Radius	LPM	
3,4	340	3,47	15,9	50,0	16,2	59,8	18,6	83,3	19,8	98,4	—	—	—	—	—	—	—	—	—	—	
4,5	450	4,59	16,2	56,0	16,5	65,9	19,2	93,9	20,4	110,5	21,0	129,1	—	—	—	—	—	—	—	—	
5,5	550	5,61	17,1	62,1	17,7	73,4	20,7	104,5	22,0	123,0	22,9	143,1	24,1	152,9	24,7	168,8	25,9	188,9	26,5	209,3	
6,9	690	7,04	17,7	68,5	18,3	79,9	21,7	115,1	22,9	137,8	24,1	160,1	25,6	172,2	26,5	188,9	27,1	208,6	28,7	232,8	
Stator			102-6929 Blue									102-1940 White						102-1941 White			
Conversions			INF54-5154									INF54-5558						INF54-59			

INF34 Nozzle Apex

Pressure	Nozzle	Apex at 15°	Apex at 25°
4,5 bar	31	1,8 @ 15,6	4,0 @ 16,5
	32	1,8 @ 15,6	3,4 @ 19,5
	33	2,1 @ 18,0	4,0 @ 20,7
	34	2,4 @ 19,2	4,6 @ 22,6
	35	2,7 @ 20,1	4,6 @ 23,2
5,5 bar	36	2,4 @ 22,9	5,5 @ 25,3
	37	2,7 @ 22,6	5,8 @ 25,0

INF54 Nozzle Apex

Pressure	Nozzle	Apex at 15°	Apex at 25°
4,5 Bar	51	1,8 @ 15,6	4,0 @ 16,5
	52	1,8 @ 15,6	3,4 @ 19,5
	53	2,1 @ 18,0	4,0 @ 20,7
	54	2,4 @ 19,2	4,6 @ 22,6
	55	2,7 @ 20,1	4,6 @ 23,2
5,5 Bar	56	2,4 @ 22,9	5,5 @ 25,3
	57	2,7 @ 22,6	5,8 @ 25,0
	58	3,0 @ 25,0	5,5 @ 26,5
	59	3,4 @ 24,7	6,4 @ 27,1

THE INFINITY® SERIES GOLF ROTORS

The Perfect Toro® for All Areas

THE WHERE DEFINES THE WHICH.

FOR DEMANDING AREAS

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



INF35-6

Smart Access®

INF55-6

Smart Access®



FOR MODERATE AREAS

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



INF35

Smart Access®

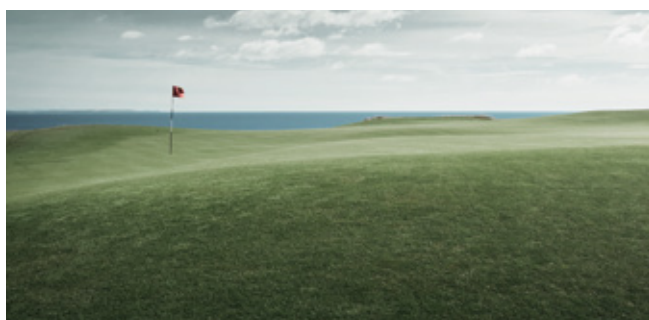
INF55

Smart Access®



FOR PLAIN AREAS

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



INF34

Smart Access®

INF54

Smart Access®



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Company policy is one of constant improvement and therefore changes in specifications may be made without notice and without incurring liability.



Count on it.