

**TORO.**

Count on it.

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

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

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







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



**SMART ACCESS**

Provides top accessibility to all critical components.

- No digging or unsightly turf repair scars
- No buried wire splices or ground faults
- Pilot valve removable with water "ON"
- Lower long term cost of ownership
- Customizable marker
- Replaceable cover if damaged
- Increased labor efficiency



**GDC 2-wire module accessible from the top**

Allows for GDC module retrieval, system troubleshooting and system repairs **without digging!**



**Pilot valve accessible from the top**

Toro's patented CHECK FLOW™ feature facilitates troubleshooting, pressure adjustments, solenoid and pilot valve servicing **without turning the water off or digging!**



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

The protective enclosure isolates wire splices from the soil and potential shorts to ground. Provides access for system troubleshooting and repairs **without digging!**



**Future-proof your investment**

The SMART ACCESS compartment provides room to grow. Whatever the future holds, this sprinkler will be ready. Getting smarter **without digging!**

Golf sprinklers with all the efficiency and proven performance features and benefits of the 800S and DT Series and more!



**Trajectory adjustment**

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



**Ratcheting riser**

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



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

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



**Part and full circle models in one**

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



**Nozzle base clutching**

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

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



**Flexible and configurable models**

- Two body sizes
  - 25 mm (1") with ACME thread
  - 40 mm (1.5") with ACME thread

**Five activation types:**

- Standard solenoid
- Spike Guard solenoid
- Nickel plated Spike Guard solenoid
- DC Latching solenoid
- Integrated GDC module w/ DCL solenoid

**Two main nozzle trajectories**

- 24-position Tru-Jectory; 7-30 degrees
  - Dual trajectory; 25 or 15 degrees
- Two part circle models**
- One with 24 position Tru-Jectory
  - One with Dual trajectory





With the industry's largest selection of high performance nozzles and Trjectory™ adjustment the New INFINITY 35-6/55-6 Series with Smart Access allows you to put water precisely where you want it for maximum distribution uniformity. And the part/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.

**Features & Benefits**

**Industries 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.

**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!

**Adjustment With No Disassembly**

Toro exclusive, simply pull up the riser and ratchet it to the precise position you want to water.

**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.



**Trajectory – 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.

**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)
INF35-6-3134E	INF35-6 w/31-34 Nozzles (33 Nozzle Installed), Effluent
INF35-6-3537E	INF35-6 w/35-37 Nozzles (35 Nozzle Installed), Effluent



**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
INF55-6-5154E	INF55-6 w/51-54 Nozzles (53 Nozzle Installed), Effluent
INF55-6-5558E	INF55-6 w/55-58 Nozzles (55 Nozzle Installed), Effluent
INF55-6-59E 102-5011	INF55-6 w/59 Nozzle installed, Effluent 690 Adapter allows you to upgrade any 690 with INF55-6 conversions



**Operating Specifications**

- Inlet:**
- INF35-6: 25mm (1") NPT, BSP or ACME
  - INF55-6: 40mm (1.5") NPT, BSP or 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: 9mm/hr (0.37"/hr);
    - Maximum: 13,5mm/hr (0.53"/hr)
  - INF55-6:
    - Minimum: 11mm/hr (0.43"/hr);
    - Maximum: 15mm/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
  - Spike Guard Solenoid
  - Nickel-plated Spike Guard Solenoid
  - DC Latching Solenoid (DCLS)
  - Integrated GDC Module w/DCLS
- Trajectory:** 24 positions from 7° - 30° in 1° increments

**Additional Features**

- 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: 16,5cm (6.5")
  - 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: 1,33kg (5.13 lbs.)
- Pop-up height to nozzle:** 8,25cm (3.25")

**Warranty**

- Three years
- Five years when installed with Toro Swing Joints

*Specifying Information—INF35-6 & INF55-6*

INF35-XXX-X6X						
Body Inlet	Arc	Nozzle	Pressure Regulation*	Activation Type	Trajectory	Optional
INF3	5	XX	X	X	6	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—65 psi (4,5 bar) 8—80 psi (6,5 Bar) 1—100 psi (6,9 Bar)	1—Standard Solenoid 2—Spike Guard™ Solenoid 3—Nickel-plated Spike Guard Solenoid 4—DC Latching Solenoid (DCLS) 5—Integrated GDC Module w/DCLS	6—24-position Trajectory	7—Effluent

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.

35-6/55-6 Trajectory Performance—(Metric)

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	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	22,6	23,5	25,0	25,9	25,0					
"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	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.

35-6/55-6 Trajectory Performance—(U.S.)

Nozzle/PSI/GPM	#31/51 Nozzle @ 65 psi						#32/52 Nozzle @ 65 psi					
	7°	10°	15°	20°	25°	30°	7°	10°	15°	20°	25°	30°
"A" Radius	46'	46'	50'/51'	53'	54'	50'	46'/49'	49'/50'	51'	55'	63'/64'	54'/65'
"B" Spray Height	4'	4'	5'/6'	8'/10'	11'/13'	13'/15'	3'/4'	4'	6'	9'	12'/11'	15'/13'
"C" Distance from Head	25'/26'	25'/27'	26'/32'	33'/38'	33'/40'	33'/41'	20'/22'	24'/26'	28'/31'	34'/35'	34'	34'/30'

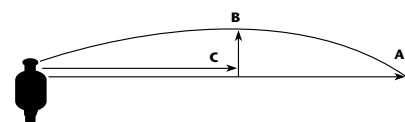
Nozzle/PSI/GPM	#33/53 Nozzle @ 65 psi						#34/54 Nozzle @ 65 psi					
	7°	10°	15°	20°	25°	30°	7°	10°	15°	20°	25°	30°
"A" Radius	54'	56'	59'	62'	66'/68'	61'	58'	60'	63'	67'	74'	70'
"B" Spray Height	4'/5'	5'/6'	7'	9'	13'	15'	4'/5'	4'/6'	6'/8'	11'/10'	14'	17'
"C" Distance from Head	23'/30'	28'/33'	32'	34'/35'	35'/37'	35'/37'	24'/31'	26'/34'	35'/40'	39'/41'	39'	39'/42'

Nozzle/PSI/GPM	#35/55 Nozzle @ 65 psi						#36/56 Nozzle @ 80 psi					
	7°	10°	15°	20°	25°	30°	7°	10°	15°	20°	25°	30°
"A" Radius	59'	61'/62'	64'/66'	70'	76'	74'/77'	64'/72'	68'/73'	76'/75'	80'/82'	84'/85'	82'
"B" Spray Height	4'/6'	5'/6'	7'/9'	11'	15'	17'	5'	7'	9'	14'	17'	22'
"C" Distance from Head	30'/34'	32'/36'	36'/43'	43'/45'	43'/45'	43'/45'	25'	38'	40'	45'	49'	45'

Nozzle/PSI/GPM	#37/57 Nozzle @ 80 psi						#58 Nozzle @ 80 psi					
	7°	10°	15°	20°	25°	30°	7°	10°	15°	20°	25°	30°
"A" Radius	65'/72'	69'/74'	78'/77'	82'/83'	86'/89'	84'/85'	75'	77'	83'	87'	92'	88'
"B" Spray Height	5'	7'	9'	14'	18'	22'	6'	7'	10'	15'	18'	22'
"C" Distance from Head	30'	39'	41'	46'	50'	46'	38'	40'	43'	47'	52'	48'

Nozzle/PSI/GPM	#59 Nozzle @ 80 psi					
	7°	10°	15°	20°	25°	30°
"A" Radius	77'	78'	84'	89'	96'	92'
"B" Spray Height	7'	8'	11'	16'	21'	25'
"C" Distance from Head	42'	44'	45'	47'	53'	49'

Information is for reference only, Actual results may vary.



INF35-6 Series Performance Chart—(Metric)

Base Pressure	Nozzle Set 30 (White)		Nozzle Set 31 (Yellow)		Nozzle Set 32 (Blue)		Nozzle Set 33 (Brown)		Nozzle Set 34 (Orange)		Nozzle Set 35 (Green)		Nozzle Set 36 (Gray)		Nozzle Set 37 (Black)	
	102-2208	102-2925	102-4587	102-2910	102-4588	102-2928	102-4589	102-2910	102-0728	102-2910	102-0729	102-2910	102-0730	102-2910	102-0730	102-2910
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	21,0	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
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
Stator		102-6929 Blue		102-1939 Yellow								102-1940 White				
Conversions		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.

INF35-6 Series Performance Chart—(U.S.)

Base Pressure	Nozzle Set 30 (White)		Nozzle Set 31 (Yellow)		Nozzle Set 32 (Blue)		Nozzle Set 33 (Brown)		Nozzle Set 34 (Orange)		Nozzle Set 35 (Green)		Nozzle Set 36 (Gray)		Nozzle Set 37 (Black)	
	102-2208	102-2925	102-4587	102-2910	102-4588	102-2928	102-4589	102-2910	102-0728	102-2910	102-0729	102-2910	102-0730	102-2910	102-0730	102-2910
psi	Radius	GPM	Radius	GPM	Radius	GPM	Radius	GPM	Radius	GPM	Radius	GPM	Radius	GPM	Radius	GPM
50	42	7.1	52	13.7	61	17.1	64	20.2	69	27.4	—	—	—	—	—	—
65	45	8.7	54	15.5	63	20.5	66	22.9	74	30.0	76	32.4	80	34.0	—	—
80	46	9.6	57	17.0	67	22.6	70	25.3	77	33.2	79	35.8	84	37.5	86	40.8
100	48	11.2	59	18.9	72	25.2	74	28.2	80	37.0	84	39.9	88	42.5	92	45.3
Stator		102-6929 Blue		102-1939 Yellow								102-1940 White				
Conversions		INF35-6-3134								INF35-6-3537						

INF55-6 Series Performance Chart—(Metric)

Base Pressure	Nozzle Set 51 (Yellow)		Nozzle Set 52 (Blue)		Nozzle Set 53 (Brown)		Nozzle Set 54 (Orange)		Nozzle Set 55 (Green)		Nozzle Set 56 (Gray)		Nozzle Set 57 (Black)		Nozzle Set 58 (Red)		Nozzle Set 59 (Beige)	
	102-4587	102-2910	102-4588	102-2910	102-4589	102-2910	102-0728	102-2910	102-0729	102-2910	102-0730	102-2910	102-4261	102-2910	102-4260	102-2910	102-4259	102-2910
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	21,0	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
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
Stator		102-1939 Yellow		102-1939 Yellow								102-1940 White						
Conversions		INF55-6-5154								INF55-6-5558								

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—(U.S.)

Base Pressure	Nozzle Set 51 (Yellow)		Nozzle Set 52 (Blue)		Nozzle Set 53 (Brown)		Nozzle Set 54 (Orange)		Nozzle Set 55 (Green)		Nozzle Set 56 (Gray)		Nozzle Set 57 (Black)		Nozzle Set 58 (Red)		Nozzle Set 59 (Beige)	
	102-4587	102-2910	102-4588	102-2910	102-4589	102-2910	102-0728	102-2910	102-0729	102-2910	102-0730	102-2910	102-4261	102-2910	102-4260	102-2910	102-4259	102-2910
psi	Radius	GPM	Radius	GPM	Radius	GPM	Radius	GPM	Radius	GPM	Radius	GPM	Radius	GPM	Radius	GPM	Radius	GPM
50	52	13.9	62	17.4	66	20.7	69	28.6	—	—	—	—	—	—	—	—	—	—
65	54	15.7	64	20.8	68	23.4	74	31.2	76	33.8	81	35.7	—	—	—	—	—	—
80	57	17.2	68	22.9	72	25.8	77	34.4	79	37.2	85	39.4	89	43.6	92	47.5	96	57.0
100	59	19.1	73	25.5	76	28.7	80	38.2	84	41.3	89	43.7	94	48.5	95	51.1	100	61.1
Stator		102-1939 Yellow		102-1939 Yellow								102-1940 White						
Conver.		INF55-6-5154								INF55-6-5558								

Not recommended at these pressures. Radius shown in feet. Toro recommends the use of a 1/4" swing joint at flows over 25-GPM (95-LPM). Sprinkler radius data collected in Toro's zero wind test facility 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 50, 65, 80 and 100 psi.





The New INFINITY 35/55 Series with Smart Access 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. And the part/full circle drive allows you to adjust the area of coverage to match your seasonal watering needs or meet water rationing mandates in seconds with no additional parts required.

**Features & Benefits**

**Industries Largest Nozzle Selection**

Nozzles from 13,1m - 28,0m (43' to 92') 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 front.

**Stainless Steel Valve Seat**

Eliminates body damage from rocks and debris. This indestructible stainless steel seat is molded to the body and virtually eliminates body replacements due to seat damage. Standard on all Toro Golf rotors!

**Radius Reduction Screw**

Allows for fine tuning the radius to exactly the distance you need. In combination with main nozzle sizing and trajectory adjustment the radius reduction screw can effectively reduce the sprinkler throw down to 30'.

**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 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.*



**Dual Trajectory**  
The 25° setting provides maximum distance of throw and the 15° setting provides improved wind performance, radius reduction and obstacle avoidance.

**INF35 Conversion Upgrades**

Models	Description
• INF35-3134	INF35 w/31-34 Nozzles (#3 Nozzle Installed)
• INF35-3537	INF35 w/35-37 Nozzles (#5 Nozzle Installed)
• INF35-3134E	INF35 w/31-34 Nozzles (#3 Nozzle Installed), Effluent
• INF35-3537E	INF35 w/35-37 Nozzles (#5 Nozzle Installed), Effluent



**INF55 Conversion Upgrades**

Models	Description
• INF55-5154	INF55 w/51-54 Nozzles (#3 Nozzle Installed)
• INF55-5558	INF55 w/55-58 Nozzles (#5 Nozzle Installed)
• INF55-59	INF55 w/59 Nozzle
• INF55-5154E	INF55 w/51-54 Nozzles (#3 Nozzle Installed), Effluent
• INF55-5558E	INF55 w/55-58 Nozzles (#5 Nozzle Installed), Effluent
• INF55-59E	INF55 w/59 Nozzle, Effluent
• 102-5011	690 Adapter allows you to upgrade any 690 with INF55 conversions



**Operating Specifications**

- Inlet:**
- INF35: 25mm (1") NPT, BSP or ACME
  - INF55: 40mm (1.5") NPT, BSP or ACME
- Radius:**
- INF35: 13,1 – 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: 10,4 mm/hr (0.41"/hr); Maximum: 11,4 mm/hr (0.45"/hr)
  - INF55: 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
  - Spike Guard Solenoid
  - Nickel-plated Spike Guard Solenoid
  - DC Latching Solenoid (DCLS)
  - Integrated GDC Module w/DCLS

**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: 2,30 (5.08 lbs.)
- Pop-up height to nozzle:** 8,25cm (3.25")
- Warranty**  
 Three years  
 Five years when installed with Toro Swing Joints

*Specifying Information—INF35 & INF55*

INFXX-XXX-XX					
Body Inlet	Arc	Nozzle	Pressure Regulation*	Activation Type	Optional
INFXX	5	XX	X	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—65 psi (4,5 bar) 8—80 psi (6,5 Bar) 1—100 psi (6,9 Bar)	1—Standard Solenoid 2—Spike Guard™ Solenoid 3—Nickel-plated Spike Guard Solenoid 4—DC Latching Solenoid (DCLS) 5—Integrated GDC Module w/DCLS	7—Effluent

Example: When specifying an 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.

INF35 Performance Data—25° – (Metric)

			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 Plug)		(Yellow)		(Blue)		(Brown)		(Orange)		(Green)		(Gray)		(Black)		
			102-2208		102-6906		102-0726		102-6907		102-0728		102-6955		102-6935		102-6936		
			102-5670	102-6942	102-5670	102-5671	102-5670	102-6884	102-5670	102-6884	102-5670	102-6884	102-5670	102-6885	102-6531	102-6885	102-6531	102-6885	
			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	LPM	
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
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
<b>Stator</b>			102-6929 Blue				102-1939 Yellow						102-1940 White					
<b>Conversions</b>			INF35-3134						INF35-3537									

INF35 Performance Data—25° – (U.S.)

			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 Plug)		(Yellow)		(Blue)		(Brown)		(Orange)		(Green)		(Gray)		(Black)	
			102-2208		102-6906		102-0726		102-6907		102-0728		102-6955		102-6935		102-6936	
			102-5670	102-6942	102-5670	102-5671	102-5670	102-6884	102-5670	102-6884	102-5670	102-6884	102-5670	102-6885	102-6531	102-6885	102-6531	102-6885
			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	
PSI	Radius	GPM	Radius	GPM	Radius	GPM	Radius	GPM	Radius	GPM	Radius	GPM	Radius	GPM	Radius	GPM	Radius	GPM
50	43	8.2	53	13.8	56	18.3	61	21.7	65	25.3	—	—	—	—	—	—	—	
65	45	10.0	53	15.5	59	20.5	64	24.4	68	28.2	72	34.1	—	—	—	—	—	
80	46	11.5	57	17.3	62	22.7	67	27.1	71	31.1	75	37.8	78	40.3	80	44.0	—	
100	47	13.4	59	19.1	65	24.9	70	29.8	74	34.1	79	40.9	81	43.8	83	47.3	—	

INF35 Series Performance Chart—15°

PSI	Radius	GPM	Radius	GPM	Radius	GPM	Radius	GPM	Radius	GPM	Radius	GPM	Radius	GPM	Radius	GPM		
50	43	8.2	52	13.6	58	18.1	61	21.5	62	25.6	—	—	—	—	—			
65	45	10.0	54	15.3	60	20.3	64	24.2	65	27.3	69	33.1	—	—	—			
80	46	11.5	58	17.2	64	22.6	69	26.8	69	30.2	75	36.8	76	39.7	76	42.9		
100	47	13.4	60	19.0	66	24.7	71	29.5	72	32.9	78	39.5	82	42.6	82	46.1		
<b>Stator</b>			102-6929 Blue				102-1939 Yellow						102-1940 White					
<b>Conversions</b>			INF35-3134						INF35-3537									

■ Not recommended at these pressures.

Toro recommends the use of a 1 1/4" swing joint at flows over 25-GPM (95-LPM). Sprinkler radius of throw per ASAE standard S398.1. All sprinklers are equipped with the selectable pilot valve that allows settings at 50, 65, 80 and 100 psi.

INF35 Nozzle Apex—(Metric)

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

INF35 Nozzle Apex—(U.S.)

Pressure	Nozzle	Apex at 15°	Apex at 25°
65 PSI	31	6' @ 51'	13' @ 54'
	32	6' @ 51'	11' @ 64'
	33	7' @ 59'	13' @ 68'
	34	8' @ 63'	15' @ 74'
	35	9' @ 66'	15' @ 76'
	36	8' @ 75'	18' @ 83'
80 PSI	37	9' @ 74'	19' @ 82'

INF55 Performance Data—25° – (Metric)

			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)		
			102-6906		102-0726		102-6907		102-0728		102-6955		102-6935		102-6936		102-6909		102-4259		
			102-5670	102-5671	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	
			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	LPM	Radius	LPM	
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
<b>Stator</b>			102-1939 Yellow						102-1940 White						102-1941 White					
<b>Conversions</b>			INF55-5154						INF55-5558						INF55-59					

INF55 Performance Data—25° – (U.S.)

			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)		
			102-6906		102-0726		102-6907		102-0728		102-6955		102-6935		102-6936		102-6909		102-4259		
			102-5670	102-5671	102-5670	102-6884	102-5670	102-6884	102-5670	102-6884</											





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

**Features & Benefits**

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

**Five Activation types**

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

**Constant Velocity Full Circle Drive**

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

**Radius Reduction Screw for Fine Tuning**

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

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



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

**INF34 Conversion Upgrades**

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



**INF54 Conversion Upgrades**

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



**Features**

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

**Operating Specifications**

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

**Dimensions**

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

**Warranty**

- Three years
- Five years when installed with Toro Swing Joints

*Specifying Information—INF34 & INF54*

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

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

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

INF34 Series Performance Chart—25° (Metric)

		Nozzle Set 31 (Yellow) 102-0725		Nozzle Set 32 (Blue) 102-7001		Nozzle Set 33 (Brown) 102-0727		Nozzle Set 34 (Orange) 102-7002		Nozzle Set 35 (Green) 102-6908		Nozzle Set 36 (Gray) 102-0730		Nozzle Set 37 (Black) 102-4261		
Front Nozzle Positions																
		Red Plug	Red Plug	Red Plug	Red Plug	Red Plug	Red Plug	Red Plug	Red Plug	Red Plug	Red Plug	Red Plug	Red Plug	Red Plug	Brown	
Back Nozzle Positions																
		Yellow	Blue	Yellow	Orange	Yellow	Red	Yellow	Beige	Yellow	Beige	Yellow	Red	Yellow	Gray	
Bar	kPa	kg/cm <sup>2</sup>	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 <sup>2</sup>	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				

INF34 Series Performance Chart—25° (U.S.)

		Nozzle Set 31 (Yellow) 102-0725		Nozzle Set 32 (Blue) 102-7001		Nozzle Set 33 (Brown) 102-0727		Nozzle Set 34 (Orange) 102-7002		Nozzle Set 35 (Green) 102-6908		Nozzle Set 36 (Gray) 102-0730		Nozzle Set 37 (Black) 102-4261		
Front Nozzle Positions																
		Red Plug	Red Plug	Red Plug	Red Plug	Red Plug	Red Plug	Red Plug	Red Plug	Red Plug	Red Plug	Red Plug	Red Plug	Red Plug	Brown	
Back Nozzle Positions																
		Yellow	Blue	Yellow	Orange	Yellow	Red	Yellow	Beige	Yellow	Beige	Yellow	Red	Yellow	Gray	
PSI	Radius	GPM	Radius	GPM	Radius	GPM	Radius	GPM	Radius	GPM	Radius	GPM	Radius	GPM	Radius	GPM
50	57	13.0	58	15.5	64	21.9	68	24.4	—	—	—	—	—	—	—	—
65	58	14.6	60	18.0	68	24.4	72	28.1	76	32.2	—	—	—	—	—	—
80	60	16.2	63	20.5	72	26.9	76	31.1	80	35.6	83	38.2	85	41.5	—	—
100	62	17.9	66	23.4	75	29.8	79	34.9	84	39.3	88	43.4	91	46.9	—	—
Stator		102-6929 Blue										102-1940 White				
Conversions		INF34-3134										INF34-3537				

INF34 Series Performance Chart—15°

psi	Radius	GPM	Radius	GPM	Radius	GPM	Radius	GPM	Radius	GPM	Radius	GPM	Radius	GPM	Radius	GPM
50	52	12.9	53	15.6	60	21.7	62	25.5	—	—	—	—	—	—	—	—
65	53	14.4	54	17.1	61	24.2	64	28.0	67	32.1	—	—	—	—	—	—
80	56	16.0	57	19.0	65	26.6	69	31.0	73	35.5	76	38.0	77	41.3	—	—
100	57	17.5	59	20.5	67	29.5	71	33.9	75	38.4	80	43.1	81	46.8	—	—
Stator		102-6929 Blue										102-1940 White				
Conversions		INF34-3134										INF34-3537				

Not recommended at these pressures. Radius shown in feet.  
Toro recommends the use of a 1 1/4" swing joint at flows over 25-GPM (95-LPM). Sprinkler radius of throw per ASAE standard S398.1.  
All sprinklers are equipped with the selectable pilot valve that allows settings at 50, 65, 80 and 100 psi.

INF34 Nozzle Apex—(Metric)

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

INF34 Nozzle Apex—(U.S.)

Pressure	Nozzle	Apex at 15°	Apex at 25°
65 PSI	31	6' @ 51'	13' @ 54'
	32	6' @ 51'	11' @ 64'
	33	7' @ 59'	13' @ 68'
	34	8' @ 63'	15' @ 74'
	35	9' @ 66'	15' @ 76'
80 PSI	36	8' @ 75'	18' @ 83'
	37	9' @ 74'	19' @ 82'

INF54 Series Performance Chart—25° (Metric)

		Nozzle Set 51 (Yellow) 102-0725		Nozzle Set 52 (Blue) 102-7001		Nozzle Set 53 (Brown) 102-0727		Nozzle Set 54 (Orange) 102-7002		Nozzle Set 55 (Green) 102-6908		Nozzle Set 56 (Gray) 102-0730		Nozzle Set 57 (Black) 102-4261		Nozzle Set 58 (Red) 102-4260		Nozzle Set 59 (Beige) 102-4259		
Front Nozzle Positions																				
		Red Plug	Red Plug	Red Plug	Red Plug	Red Plug	Red Plug	Red Plug	Red Plug	Red Plug	Red Plug	Red Plug	Red Plug	Red Plug	Brown	Red Plug	Brown	Red Plug	Red Plug	
Back Nozzle Positions																				
		Yellow	Blue	Yellow	Orange	Yellow	Red	Yellow	Beige	Yellow	Beige	Yellow	Red	Yellow	Gray	Yellow	Gray	Yellow	Gray	
Bar	kPa	kg/cm <sup>2</sup>	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
Stator		102-6929 Blue										102-1940 White								
Conversions		INF54-5154										INF54-5558								

INF54 Series Performance Chart—15°

Bar	kPa	kg/cm <sup>2</sup>	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								
Conversions		INF54-5154										INF54-5558								

INF54 Series Performance Chart—25° (U.S.)

		Nozzle Set 51 (Yellow) 102-0725		Nozzle Set 52 (Blue) 102-7001		Nozzle Set 53 (Brown) 102-0727		Nozzle Set 54 (Orange) 102-7002		Nozzle Set 55 (Green) 102-6908		Nozzle Set 56 (Gray) 102-0730		Nozzle Set 57 (Black) 102-4261		Nozzle Set 58 (Red) 102-4260		Nozzle Set 59 (Beige) 102-4259		
Front Nozzle Positions																				
		Red Plug	Red Plug	Red Plug	Red Plug	Red Plug	Red Plug	Red Plug	Red Plug	Red Plug	Red Plug	Red Plug	Red Plug	Red Plug	Brown	Red Plug	Brown	Red Plug	Red Plug	
Back Nozzle Positions																				
		Yellow	Blue	Yellow	Orange	Yellow	Red	Yellow	Beige	Yellow	Beige	Yellow	Red	Yellow	Gray	Yellow	Gray	Yellow	Gray	
PSI	Radius	GPM	Radius	GPM	Radius	GPM	Radius	GPM	Radius	GPM	Radius	GPM	Radius	GPM	Radius	GPM	Radius	GPM	Radius	GPM
50	58	13.2	59	15.7	64	22.0	70	26.2	—	—	—	—	—	—	—	—	—	—	—	
65	60	14.8	61	17.5	68	24.8	74	29.3	79	34.2	—	—	—	—	—	—	—	—	—	
80	61	16.4	64	20.0	72	27.6	78	32.6	83	38.0	85	40.7	87	44.9	91	50.2	96	55.6	—	
100	63	18.1	67	23.6	75	30.4	81	36.7	87	42.5	90	45.8	93	50.2	95	55.4	99	61.8	—	
Stator		102-6929 Blue										102-1940 White								
Conversions		INF54-5154										INF54-5558								

INF54 Series Performance Chart—15°

psi	Radius	GPM	Radius	GPM	Radius	GPM	Radius	GPM	Radius	GPM	Radius	GPM	Radius	GPM	Radius	GPM	Radius	GPM	Radius	GPM
50	52	13.2	53	15.8	61	22.0	65	26.0	—	—	—	—	—	—	—	—	—	—	—	
65	53	14.8	54	17.4	63	24.8	67	29.2	69	34.1	—	—	—	—	—	—	—	—	—	
80	56	16.4	58	19.4	68	27.6	72	32.5	75	37.8	79	40.4	81	44.6	85	49.9	87			



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