

TORO®

INFINITY® 35-6/55-6 SERIES GOLF ROTORS



With the industry's largest selection of high performance nozzles and TruJectory™ adjustment the 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 and ratcheting riser 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

Industry's Largest Nozzle Selection

Nozzles from 25' to 100' radius plus a wide assortment of back nozzles lets you put the precise amount of water exactly where you need it. All color coded and debris tolerant 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

A Toro original, 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.



- ✓ Eliminates sprinkler interference
- ✓ Enhances course appearance



INFINITY® SERIES DISTANCE MARKERS

Set your course apart with Toro's unique, customizable distance markers

- White (118-6234) and Yellow (118-6235) color options provide excellent visibility
- Customizable with any graphic image
- Multiple number and orientation options available
- Any font style
- Easy snap-in installation into any INFINITY golf sprinkler

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



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 | INF55-6 w/59 Nozzle Installed Effluent |



SPECIFICATIONS

Operational

- Inlet:
 - INF35-6: 1" ACME
 - INF55-6: 1½" ACME
- Radius:
 - INF35-6: 42' - 92'
 - INF55-6: 52' - 100'
- Flow Rate:
 - INF35-6: 7.1 - 45.3 gpm
 - INF55-6: 13.9 - 61.1 gpm
- Precipitation Rates:
 - INF35-6: Minimum - .37"/hr;
Maximum - .53"/hr
 - INF55-6: Minimum - .43"/hr;
Maximum - .60"/hr
- Pilot Valve: Selectable at 50, 65, 80 and 100 psi
- Recommended Operating Pressure Range: 65-100 psi (maximum -150 psi and minimum - 40 psi)
- Activation types – Electric Valve-in-Head:
 - 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
 - Integrated Lynx Smart Module with DCLS:
 - Momentary low voltage pulse
- 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 INF55-6 – 3
- Ratcheting riser
- Nozzle base clutching

Dimensions

- SMART ACCESS® Cover and Compartment Diameter:
 - INF35-6: 7 5/8"
 - INF55-6: 7 5/8"
- Body height:
 - INF35-6: 10"
 - INF55-6: 11 3/8"
- Weight:
 - INF35-6: 4.31 lbs.
 - INF55-6: 5.13 lbs.
- Weight – Intergrated with Lynx Smart Module:
 - INF35-6: 5.00 lbs.
 - INF55-6: 5.82 lbs.
- Pop-up height to nozzle: 3¼"

Warranty

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

Specifying Information—INFINITY 35-6 & INFINITY 55-6

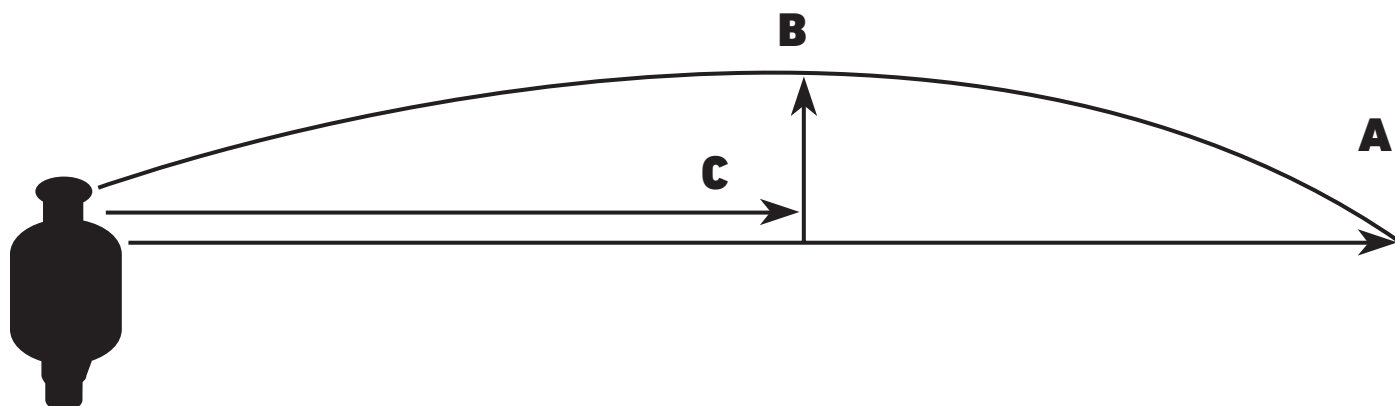
| INF35-XXX-X6-X | | | | | | |
|---|---|--|-----------------------------------|--|--------------------------|------------|
| Body Inlet | Arc | Nozzle | Pressure Regulation* | Activation Type | Trajectory | Optional |
| INF35 | 5 | XX | X | X | 6 | X |
| 3—1" 5—1½" | 5—Part-circle and Full-circle In One | INF35—30, 31, 32, 33, 34, 35, 36, 37 INF55—51, 52, 53, 54, 55, 56, 57, 58, 59 | 6—65 psi 8—80 psi 1—100 psi | 1—Standard Solenoid 2—Spike Guard™ Solenoid 3—Nickel-plated Spike Guard Solenoid 4—DC Latching Solenoid (DCLS) 6—Integrated Lynx Smart Module w/DCLS | 6—24-position TruJectory | 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 | | | | | | |

Note: Not all models available.

* All sprinklers are equipped with the selectable pilot valve that allows settings at 50, 65, 80 and 100 psi.



INFINITY® 35-6/55-6 SERIES GOLF ROTORS



INFINITY 35-6 TRAJECTORY PERFORMANCE

| Nozzle/psi/gpm | #31 Nozzle @ 65 psi, 15.5 gpm | | | | | | #32 Nozzle @ 65 psi, 20.5 gpm | | | | | | #33 Nozzle @ 65 psi, 22.9 gpm | | | | | |
|------------------------|-------------------------------|-----|-----|-----|-----|-----|-------------------------------|-----|-----|-----|-----|-----|-------------------------------|-----|-----|-----|-----|-----|
| Trajectory | 7° | 10° | 15° | 20° | 25° | 30° | 7° | 10° | 15° | 20° | 25° | 30° | 7° | 10° | 15° | 20° | 25° | 30° |
| "A" Radius | 46' | 46' | 50' | 53' | 54' | 50' | 46' | 49' | 51' | 55' | 63' | 54' | 54' | 56' | 59' | 62' | 66' | 61' |
| "B" Spray Height | 4' | 4' | 5' | 8' | 11' | 13' | 3' | 4' | 6' | 9' | 12' | 15' | 4' | 5' | 7' | 9' | 13' | 15' |
| "C" Distance from Head | 25' | 25' | 26' | 33' | 33' | 33' | 20' | 24' | 28' | 34' | 34' | 34' | 23' | 28' | 32' | 34' | 35' | 35' |

| Nozzle/psi/gpm | #34 Nozzle @ 65 psi, 30.0 gpm | | | | | | #35 Nozzle @ 65 psi, 32.4 gpm | | | | | | #36 Nozzle @ 80 psi, 34.0 gpm | | | | | |
|------------------------|-------------------------------|-----|-----|-----|-----|-----|-------------------------------|-----|-----|-----|-----|-----|-------------------------------|-----|-----|-----|-----|-----|
| Trajectory | 7° | 10° | 15° | 20° | 25° | 30° | 7° | 10° | 15° | 20° | 25° | 30° | 7° | 10° | 15° | 20° | 25° | 30° |
| "A" Radius | 58' | 60' | 63' | 67' | 74' | 70' | 59' | 61' | 64' | 70' | 76' | 74' | 64' | 68' | 76' | 80' | 84' | 82' |
| "B" Spray Height | 4' | 4' | 6' | 11' | 14' | 17' | 4' | 5' | 7' | 11' | 15' | 17' | 5' | 7' | 9' | 14' | 17' | 22' |
| "C" Distance from Head | 24' | 26' | 35' | 39' | 39' | 39' | 30' | 32' | 36' | 43' | 43' | 43' | 25' | 38' | 40' | 45' | 49' | 45' |

| Nozzle/psi/gpm | #37 Nozzle @ 80 psi, 39.8 gpm | | | | | |
|------------------------|-------------------------------|-----|-----|-----|-----|-----|
| Trajectory | 7° | 10° | 15° | 20° | 25° | 30° |
| "A" Radius | 65' | 69' | 78' | 82' | 86' | 84' |
| "B" Spray Height | 5' | 7' | 9' | 14' | 18' | 22' |
| "C" Distance from Head | 30' | 39' | 41' | 46' | 50' | 46' |

INFINITY 55-6 TRAJECTORY PERFORMANCE

| Nozzle/psi/gpm | #51 Nozzle @ 65 psi, 15.7 gpm | | | | | | #52 Nozzle @ 65 psi, 20.8 gpm | | | | | | #53 Nozzle @ 65 psi, 23.4 gpm | | | | | |
|------------------------|-------------------------------|-----|-----|-----|-----|-----|-------------------------------|-----|-----|-----|-----|-----|-------------------------------|-----|-----|-----|-----|-----|
| Trajectory | 7° | 10° | 15° | 20° | 25° | 30° | 7° | 10° | 15° | 20° | 25° | 30° | 7° | 10° | 15° | 20° | 25° | 30° |
| "A" Radius | 46' | 46' | 51' | 53' | 54' | 50' | 49' | 50' | 51' | 55' | 64' | 65' | 54' | 56' | 59' | 62' | 68' | 61' |
| "B" Spray Height | 4' | 4' | 6' | 10' | 13' | 15' | 4' | 4' | 6' | 9' | 11' | 13' | 5' | 6' | 7' | 9' | 13' | 15' |
| "C" Distance from Head | 26' | 27' | 32' | 38' | 40' | 41' | 22' | 26' | 31' | 35' | 34' | 30' | 30' | 33' | 32' | 35' | 37' | 37' |

| Nozzle/psi/gpm | #54 Nozzle @ 65 psi, 31.2 gpm | | | | | | #55 Nozzle @ 65 psi, 33.8 gpm | | | | | | #56 Nozzle @ 80 psi, 35.7 gpm | | | | | |
|------------------------|-------------------------------|-----|-----|-----|-----|-----|-------------------------------|-----|-----|-----|-----|-----|-------------------------------|-----|-----|-----|-----|-----|
| Trajectory | 7° | 10° | 15° | 20° | 25° | 30° | 7° | 10° | 15° | 20° | 25° | 30° | 7° | 10° | 15° | 20° | 25° | 30° |
| "A" Radius | 58' | 60' | 63' | 67' | 74' | 70' | 59' | 62' | 66' | 70' | 76' | 77' | 72' | 73' | 75' | 82' | 85' | 82' |
| "B" Spray Height | 5' | 6' | 8' | 10' | 15' | 17' | 6' | 6' | 9' | 11' | 15' | 17' | 5' | 7' | 9' | 14' | 17' | 22' |
| "C" Distance from Head | 31' | 34' | 40' | 41' | 41' | 42' | 34' | 36' | 43' | 45' | 45' | 45' | 25' | 38' | 40' | 45' | 49' | 45' |

| Nozzle/psi/gpm | #57 Nozzle @ 80 psi, 41.9 gpm | | | | | | #58 Nozzle @ 80 psi, 46.2 gpm | | | | | | #59 Nozzle @ 80 psi, 53.3 gpm | | | | | |
|------------------------|-------------------------------|-----|-----|-----|-----|-----|-------------------------------|-----|-----|-----|-----|-----|-------------------------------|-----|-----|-----|-----|-----|
| Trajectory | 7° | 10° | 15° | 20° | 25° | 30° | 7° | 10° | 15° | 20° | 25° | 30° | 7° | 10° | 15° | 20° | 25° | 30° |
| "A" Radius | 72' | 74' | 77' | 83' | 89' | 85' | 75' | 77' | 83' | 87' | 92' | 88' | 77' | 78' | 84' | 89' | 96' | 92' |
| "B" Spray Height | 5' | 7' | 9' | 14' | 18' | 22' | 6' | 7' | 10' | 15' | 18' | 22' | 7' | 8' | 11' | 16' | 21' | 25' |
| "C" Distance from Head | 30' | 39' | 41' | 46' | 50' | 46' | 38' | 40' | 43' | 47' | 52' | 48' | 42' | 44' | 45' | 47' | 53' | 49' |









































Information is for reference only. Actual results may vary.

INFINITY® 35-6/55-6 SERIES GOLF ROTORS














































TORO®



INFINITY 35-6 SERIES PERFORMANCE CHART

| 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 | | 102-4587 | | 102-4588 | | 102-4589 | | 102-0728 | | 102-0729 | | 102-0730 | | 102-4261 | |
| |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| | 102-2925 | 102-2910 | 102-2925 | 102-2910 | 102-2928 | 102-2910 | 102-2926 | 102-2910 | 102-2926 | 102-2910 | 102-2925 | 102-2910 | 102-2925 | 102-2910 | 102-2926 | 102-2910 |
| Back Nozzle Positions |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| | 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 |
| 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 | 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 | | | | | |

INFINITY 55-6 SERIES PERFORMANCE CHART

| 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 | | 102-4588 | | 102-4589 | | 102-0728 | | 102-0729 | | 102-0730 | | 102-4261 | | 102-4260 | | 102-4259 | |
| |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| | 102-2925 | 102-2910 | 102-2928 | 102-2910 | 102-2926 | 102-2910 | 102-2926 | 102-2910 | 102-2925 | 102-2910 | 102-2925 | 102-2910 | 102-2926 | 102-2910 | 102-2925 | 102-2910 | 102-2925 | 102-2910 |
| Back Nozzle Positions |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| | 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 | 102-4335 | 102-4335 |
| 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 | — | — | — | — | — | — | — | — |
| 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 | | | | | | | | 102-1940 White | | | | | | | | 102-1941 | |
| Conver. | INF55-6-5154 | | | | | | | | INF55-6-5558 | | | | | | | | INF55-6-59 | |

■ 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 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.



Main Nozzle Adapter

A wide assortment of intermediate and inner nozzles for use in the main nozzle adapter and back nozzle position provide unmatched nozzle flexibility.