

**TORO.**

Count on it.

# INFINITY™ 35-6/55-6 SERIES ROTORS



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

### Industry's Largest Nozzle Selection

Nozzles from 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

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.



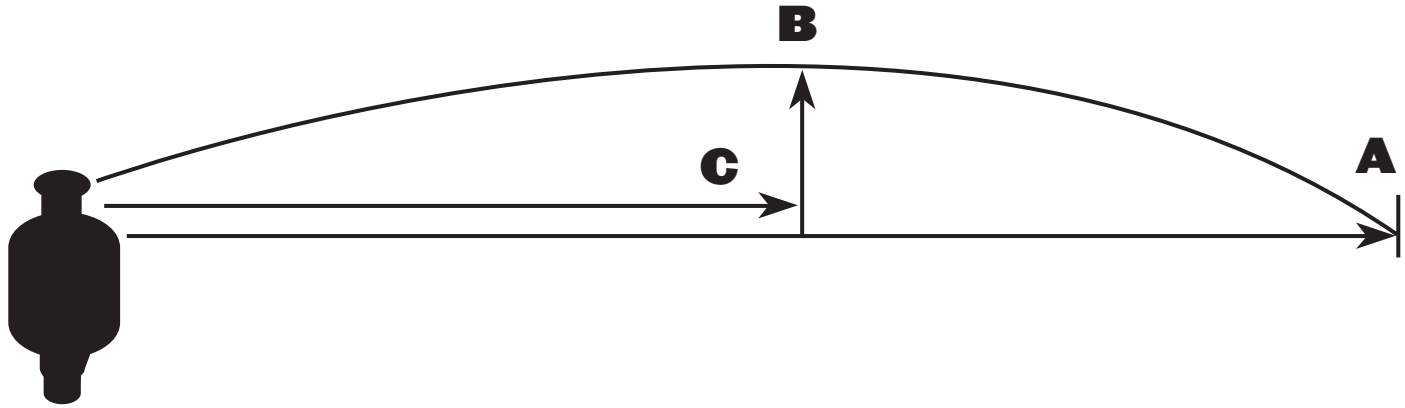
### **SMART ACCESS**

*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



# INFINITY™ 35-6/55-6 SERIES ROTORS



## INF35-6 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' |

## INF55-6 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 ROTORS

**INF35-6 Series Performance Chart**

| Base Pressure | Nozzle Set 30<br>(White) |          | Nozzle Set 31<br>(Yellow) |          | Nozzle Set 32<br>(Blue) |          | Nozzle Set 33<br>(Brown) |          | Nozzle Set 34<br>(Orange) |          | Nozzle Set 35<br>(Green) |          | Nozzle Set 36<br>(Gray) |          | Nozzle Set 37<br>(Black) |          |
|---------------|--------------------------|----------|---------------------------|----------|-------------------------|----------|--------------------------|----------|---------------------------|----------|--------------------------|----------|-------------------------|----------|--------------------------|----------|
|               | 102-2208                 |          | 102-4587                  |          | 102-4588                |          | 102-4589                 |          | 102-0728                  |          | 102-0729                 |          | 102-0730                |          | 102-4261                 |          |
|               | Blue                     | Gray     | Blue                      | Gray     | Red                     | Gray     | Orange                   | Gray     | Orange                    | Gray     | Blue                     | Gray     | Blue                    | Gray     | Orange                   | Gray     |
|               | 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 |
| 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**

| Base Pressure | Nozzle Set 51<br>(Yellow) |          | Nozzle Set 52<br>(Blue) |          | Nozzle Set 53<br>(Brown) |          | Nozzle Set 54<br>(Orange) |          | Nozzle Set 55<br>(Green) |          | Nozzle Set 56<br>(Gray) |          | Nozzle Set 57<br>(Black) |          | Nozzle Set 58<br>(Red) |          | Nozzle Set 59<br>(Beige) |          |
|---------------|---------------------------|----------|-------------------------|----------|--------------------------|----------|---------------------------|----------|--------------------------|----------|-------------------------|----------|--------------------------|----------|------------------------|----------|--------------------------|----------|
|               | 102-4587                  |          | 102-4588                |          | 102-4589                 |          | 102-0728                  |          | 102-0729                 |          | 102-0730                |          | 102-4261                 |          | 102-4260               |          | 102-4259                 |          |
|               | Blue                      | Gray     | Red                     | Gray     | Orange                   | Gray     | Orange                    | Gray     | Blue                     | Gray     | Blue                    | Gray     | Orange                   | Gray     | Blue                   | Gray     | Blue                     | Gray     |
|               | 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 |
| 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           |          |                         |          |                          |          |                           |          | 102-1940 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 1/4" 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.



## Main Nozzle Adapter Performance Charts Intermediate Nozzle Performance Charts

| 102-2929<br>Beige |     | Trajectory |      | 30°    |        | 25°    |        | 20°    |        | 15°    |        | 10°    |        | 7°     |        |
|-------------------|-----|------------|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Pressure          |     | Flow       |      | Radius |        | Radius |        | Radius |        | Radius |        | Radius |        | Radius |        |
| PSI               | BAR | GPM        | lpm  | Feet   | Meters | Feet   | Meters | Feet   | Meters | Feet   | Meters | Feet   | Meters | Feet   | Meters |
| 50                | 3.4 | 8.1        | 30.7 | 53     | 17.4   | 52     | 17.1   | 50     | 16.4   | 48     | 15.7   | 45     | 14.8   | 42     | 13.8   |
| 60                | 4.1 | 8.9        | 33.7 | 57     | 18.7   | 56     | 18.4   | 53     | 17.4   | 51     | 16.7   | 47     | 15.4   | 45     | 14.8   |
| 65                | 4.5 | 9.3        | 35.2 | 58     | 19.0   | 56     | 18.4   | 54     | 17.7   | 51     | 16.7   | 49     | 16.1   | 46     | 15.1   |
| 70                | 4.8 | 9.6        | 36.3 | 59     | 19.4   | 57     | 18.7   | 56     | 18.4   | 53     | 17.4   | 50     | 16.4   | 48     | 15.7   |
| 80                | 5.5 | 10.3       | 39.0 | 61     | 20.0   | 60     | 19.7   | 58     | 19.0   | 56     | 18.4   | 53     | 17.4   | 50     | 16.4   |
| 90                | 6.2 | 10.9       | 41.3 | 63     | 20.7   | 61     | 20.0   | 59     | 19.4   | 57     | 18.7   | 54     | 17.7   | 51     | 16.7   |
| 100               | 6.9 | 11.5       | 43.5 | 65     | 21.3   | 63     | 20.7   | 60     | 19.7   | 58     | 19.0   | 55     | 18.0   | 51     | 16.7   |

| 102-2928<br>Red |     | Trajectory |      | 30°    |        | 25°    |        | 20°    |        | 15°    |        | 10°    |        | 7°     |        |
|-----------------|-----|------------|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Pressure        |     | Flow       |      | Radius |        | Radius |        | Radius |        | Radius |        | Radius |        | Radius |        |
| PSI             | BAR | GPM        | lpm  | Feet   | Meters | Feet   | Meters | Feet   | Meters | Feet   | Meters | Feet   | Meters | Feet   | Meters |
| 50              | 3.4 | 6.3        | 23.8 | 53     | 17.4   | 51     | 16.7   | 48     | 15.7   | 46     | 15.1   | 43     | 14.1   | 40     | 13.1   |
| 60              | 4.1 | 7.0        | 26.5 | 55     | 18.0   | 53     | 17.4   | 50     | 16.4   | 48     | 15.7   | 45     | 14.8   | 42     | 13.8   |
| 65              | 4.5 | 7.2        | 27.3 | 56     | 18.4   | 54     | 17.7   | 52     | 17.1   | 49     | 16.1   | 47     | 15.4   | 44     | 14.4   |
| 70              | 4.8 | 7.5        | 28.4 | 57     | 18.7   | 55     | 18.0   | 53     | 17.4   | 51     | 16.7   | 49     | 16.1   | 46     | 15.1   |
| 80              | 5.5 | 8.0        | 30.3 | 59     | 19.4   | 58     | 19.0   | 56     | 18.4   | 54     | 17.7   | 52     | 17.1   | 49     | 16.1   |
| 90              | 6.2 | 8.5        | 32.2 | 60     | 19.7   | 58     | 19.0   | 57     | 18.7   | 55     | 18.0   | 53     | 17.4   | 50     | 16.4   |
| 100             | 6.9 | 9.0        | 34.1 | 61     | 20.0   | 59     | 19.4   | 57     | 18.7   | 55     | 18.0   | 53     | 17.4   | 50     | 16.4   |

| 102-2927<br>Gray |     | Trajectory |      | 30°    |        | 25°    |        | 20°    |        | 15°    |        | 10°    |        | 7°     |        |
|------------------|-----|------------|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Pressure         |     | Flow       |      | Radius |        | Radius |        | Radius |        | Radius |        | Radius |        | Radius |        |
| PSI              | BAR | GPM        | lpm  | Feet   | Meters | Feet   | Meters | Feet   | Meters | Feet   | Meters | Feet   | Meters | Feet   | Meters |
| 50               | 3.4 | 5.0        | 18.9 | 50     | 16.4   | 48     | 15.7   | 46     | 15.1   | 44     | 14.4   | 41     | 13.5   | 38     | 12.5   |
| 60               | 4.1 | 5.5        | 20.8 | 52     | 17.1   | 50     | 16.4   | 48     | 15.7   | 46     | 15.1   | 43     | 14.1   | 40     | 13.1   |
| 65               | 4.5 | 5.7        | 21.6 | 53     | 17.4   | 51     | 16.7   | 49     | 16.1   | 46     | 15.1   | 44     | 14.4   | 41     | 13.5   |
| 70               | 4.8 | 5.9        | 22.3 | 53     | 17.4   | 51     | 16.7   | 49     | 16.1   | 47     | 15.4   | 45     | 14.8   | 42     | 13.8   |
| 80               | 5.5 | 6.3        | 23.8 | 54     | 17.7   | 52     | 17.1   | 50     | 16.4   | 48     | 15.7   | 46     | 15.1   | 43     | 14.1   |
| 90               | 6.2 | 6.7        | 25.4 | 55     | 18.0   | 53     | 17.4   | 52     | 17.1   | 50     | 16.4   | 48     | 15.7   | 45     | 14.8   |
| 100              | 6.9 | 7.1        | 26.9 | 55     | 18.0   | 54     | 17.7   | 53     | 17.4   | 52     | 17.1   | 50     | 16.4   | 46     | 15.1   |

| 102-2926<br>Orange |     | Trajectory |      | 30°    |        | 25°    |        | 20°    |        | 15°    |        | 10°    |        | 7°     |        |
|--------------------|-----|------------|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Pressure           |     | Flow       |      | Radius |        | Radius |        | Radius |        | Radius |        | Radius |        | Radius |        |
| PSI                | BAR | GPM        | lpm  | Feet   | Meters | Feet   | Meters | Feet   | Meters | Feet   | Meters | Feet   | Meters | Feet   | Meters |
| 50                 | 3.4 | 4.3        | 16.3 | 48     | 15.7   | 46     | 15.1   | 44     | 14.4   | 42     | 13.8   | 39     | 12.8   | 35     | 11.5   |
| 60                 | 4.1 | 4.7        | 17.8 | 50     | 16.4   | 48     | 15.7   | 46     | 15.1   | 44     | 14.4   | 41     | 13.5   | 38     | 12.5   |
| 65                 | 4.5 | 4.9        | 18.5 | 51     | 16.7   | 49     | 16.1   | 47     | 15.4   | 45     | 14.8   | 42     | 13.8   | 39     | 12.8   |
| 70                 | 4.8 | 5.1        | 19.3 | 51     | 16.7   | 50     | 16.4   | 48     | 15.7   | 46     | 15.1   | 43     | 14.1   | 40     | 13.1   |
| 80                 | 5.5 | 5.4        | 20.4 | 52     | 17.1   | 51     | 16.7   | 50     | 16.4   | 48     | 15.7   | 45     | 14.8   | 42     | 13.8   |
| 90                 | 6.2 | 5.8        | 22.0 | 53     | 17.4   | 52     | 17.1   | 51     | 16.7   | 49     | 16.1   | 47     | 15.4   | 44     | 14.4   |
| 100                | 6.9 | 6.1        | 23.1 | 54     | 17.7   | 53     | 17.4   | 52     | 17.1   | 50     | 16.4   | 48     | 15.7   | 45     | 14.8   |

| 102-2925<br>Blue |     | Trajectory |      | 30°    |        | 25°    |        | 20°    |        | 15°    |        | 10°    |        | 7°     |        |
|------------------|-----|------------|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Pressure         |     | Flow       |      | Radius |        | Radius |        | Radius |        | Radius |        | Radius |        | Radius |        |
| PSI              | BAR | GPM        | lpm  | Feet   | Meters | Feet   | Meters | Feet   | Meters | Feet   | Meters | Feet   | Meters | Feet   | Meters |
| 50               | 3.4 | 2.7        | 10.2 | 42     | 13.8   | 41     | 13.5   | 39     | 12.8   | 38     | 12.5   | 36     | 11.8   | 34     | 11.2   |
| 60               | 4.1 | 3.0        | 11.4 | 43     | 14.1   | 42     | 13.8   | 40     | 13.1   | 39     | 12.8   | 37     | 12.1   | 35     | 11.5   |
| 65               | 4.5 | 3.2        | 12.1 | 43     | 14.1   | 42     | 13.8   | 40     | 13.1   | 39     | 12.8   | 37     | 12.1   | 35     | 11.5   |
| 70               | 4.8 | 3.3        | 12.5 | 44     | 14.4   | 42     | 13.8   | 41     | 13.5   | 39     | 12.8   | 38     | 12.5   | 36     | 11.8   |
| 80               | 5.5 | 3.5        | 13.2 | 44     | 14.4   | 43     | 14.1   | 41     | 13.5   | 40     | 13.1   | 38     | 12.5   | 36     | 11.8   |
| 90               | 6.2 | 3.7        | 14.0 | 45     | 14.8   | 44     | 14.4   | 42     | 13.8   | 41     | 13.5   | 39     | 12.8   | 37     | 12.1   |
| 100              | 6.9 | 3.9        | 14.8 | 45     | 14.8   | 44     | 14.4   | 43     | 14.1   | 42     | 13.8   | 40     | 13.1   | 38     | 12.5   |





















## Main Nozzle Adapter Performance Charts Intermediate Nozzle Performance Charts

| 102-6885<br>Green |     | Trajectory |      | 30°    |        | 25°    |        | 20°    |        | 15°    |        | 10°    |        | 7°     |        |
|-------------------|-----|------------|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Pressure          |     | Flow       |      | Radius |        | Radius |        | Radius |        | Radius |        | Radius |        | Radius |        |
| PSI               | BAR | GPM        | lpm  | Feet   | Meters | Feet   | Meters | Feet   | Meters | Feet   | Meters | Feet   | Meters | Feet   | Meters |
| 50                | 3.4 | 5.4        | 20.4 | 51     | 16.7   | 50     | 16.4   | 48     | 15.7   | 45     | 14.8   | 42     | 13.8   | 39     | 12.8   |
| 60                | 4.1 | 5.9        | 22.3 | 52     | 17.1   | 51     | 16.7   | 49     | 16.1   | 46     | 15.1   | 43     | 14.1   | 41     | 13.5   |
| 65                | 4.5 | 6.1        | 23.1 | 52     | 17.1   | 51     | 16.7   | 50     | 16.4   | 47     | 15.4   | 44     | 14.4   | 42     | 13.8   |
| 70                | 4.8 | 6.3        | 23.8 | 53     | 17.4   | 52     | 17.1   | 50     | 16.4   | 47     | 15.4   | 44     | 14.4   | 42     | 13.8   |
| 80                | 5.5 | 6.7        | 25.4 | 53     | 17.4   | 52     | 17.1   | 51     | 16.7   | 48     | 15.7   | 45     | 14.8   | 43     | 14.1   |
| 90                | 6.2 | 7.1        | 26.9 | 54     | 17.7   | 53     | 17.4   | 52     | 17.1   | 50     | 16.4   | 47     | 15.4   | 45     | 14.8   |
| 100               | 6.9 | 7.4        | 28.0 | 55     | 18.0   | 55     | 18.0   | 54     | 17.7   | 52     | 17.1   | 49     | 16.1   | 47     | 15.4   |

| 102-6884<br>Yellow |     | Trajectory |      | 30°    |        | 25°    |        | 20°    |        | 15°    |        | 10°    |        | 7°     |        |
|--------------------|-----|------------|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Pressure           |     | Flow       |      | Radius |        | Radius |        | Radius |        | Radius |        | Radius |        | Radius |        |
| PSI                | BAR | GPM        | lpm  | Feet   | Meters | Feet   | Meters | Feet   | Meters | Feet   | Meters | Feet   | Meters | Feet   | Meters |
| 50                 | 3.4 | 4.1        | 15.5 | 48     | 15.7   | 47     | 15.4   | 45     | 14.8   | 41     | 13.5   | 38     | 12.5   | 35     | 11.5   |
| 60                 | 4.1 | 4.5        | 17.0 | 49     | 16.1   | 48     | 15.7   | 47     | 15.4   | 44     | 14.4   | 41     | 13.5   | 38     | 12.5   |
| 65                 | 4.5 | 4.7        | 17.8 | 50     | 16.4   | 49     | 16.1   | 48     | 15.7   | 45     | 14.8   | 42     | 13.8   | 39     | 12.8   |
| 70                 | 4.8 | 4.8        | 18.2 | 50     | 16.4   | 49     | 16.1   | 48     | 15.7   | 45     | 14.8   | 43     | 14.1   | 40     | 13.1   |
| 80                 | 5.5 | 5.1        | 19.3 | 51     | 16.7   | 50     | 16.4   | 49     | 16.1   | 47     | 15.4   | 44     | 14.4   | 41     | 13.5   |
| 90                 | 6.2 | 5.4        | 20.4 | 53     | 17.4   | 52     | 17.1   | 50     | 16.4   | 48     | 15.7   | 45     | 14.8   | 42     | 13.8   |
| 100                | 6.9 | 5.8        | 22.0 | 54     | 17.7   | 53     | 17.4   | 51     | 16.7   | 49     | 16.1   | 46     | 15.1   | 43     | 14.1   |

| 102-6883<br>Brown |     | Trajectory |      | 30°    |        | 25°    |        | 20°    |        | 15°    |        | 10°    |        | 7°     |        |
|-------------------|-----|------------|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Pressure          |     | Flow       |      | Radius |        | Radius |        | Radius |        | Radius |        | Radius |        | Radius |        |
| PSI               | BAR | GPM        | lpm  | Feet   | Meters | Feet   | Meters | Feet   | Meters | Feet   | Meters | Feet   | Meters | Feet   | Meters |
| 50                | 3.4 | 2.4        | 9.1  | 41     | 13.5   | 40     | 13.1   | 38     | 12.5   | 36     | 11.8   | 33     | 10.8   | 30     | 9.8    |
| 60                | 4.1 | 2.6        | 9.8  | 43     | 14.1   | 42     | 13.8   | 40     | 13.1   | 38     | 12.5   | 36     | 11.8   | 33     | 10.8   |
| 65                | 4.5 | 2.7        | 10.2 | 44     | 14.4   | 42     | 13.8   | 41     | 13.5   | 39     | 12.8   | 37     | 12.1   | 34     | 11.2   |
| 70                | 4.8 | 2.8        | 10.6 | 45     | 14.8   | 43     | 14.1   | 42     | 13.8   | 40     | 13.1   | 38     | 12.5   | 35     | 11.5   |
| 80                | 5.5 | 3.0        | 11.4 | 46     | 15.1   | 45     | 14.8   | 43     | 14.1   | 41     | 13.5   | 40     | 13.1   | 36     | 11.8   |
| 90                | 6.2 | 3.2        | 12.1 | 46     | 15.1   | 45     | 14.8   | 44     | 14.4   | 42     | 13.8   | 41     | 13.5   | 37     | 12.1   |
| 100               | 6.9 | 3.4        | 12.9 | 46     | 15.1   | 45     | 14.8   | 44     | 14.4   | 43     | 14.1   | 41     | 13.5   | 38     | 12.5   |

## Back Nozzle Performance Data

| Nozzles  |                                   |   | 65 PSI |     | 80 PSI |     | Profile   |
|----------|-----------------------------------|---|--------|-----|--------|-----|---|
| Part #   | Description                       | Color   | Radius | GPM | Radius | GPM |   |
| 102-6937 | Inner Nozzle w/ Yellow Restrictor |  Yel/Yel | 29     | 3.7 | 30     | 4.1 |  |
| 102-6531 | Inner Nozzle w/ White Restrictor  |  Grn/Wht | 31     | 4.3 | 33     | 4.6 |  |
| 102-6883 | Intermediate Nozzle               |  Brown   | 38     | 2.8 | 38     | 2.8 |  |
| 102-6884 | Intermediate Nozzle               |  Yellow  | 41     | 4.1 | 43     | 4.5 |  |
| 102-6885 | Intermediate Nozzle               |  Green   | 42     | 5.4 | 45     | 6.0 |  |
| 102-2925 | Intermediate Nozzle               |  Blue    | 40     | 2.8 | 42     | 3.2 |  |
| 102-2926 | Intermediate Nozzle               |  Orange  | 44     | 4.3 | 45     | 4.8 |  |
| 102-2927 | Intermediate Nozzle               |  Gray    | 46     | 5.1 | 47     | 5.4 |  |
| 102-2928 | Intermediate Nozzle               |  Red     | 48     | 6.5 | 50     | 7.0 |  |
| 102-2929 | Intermediate Nozzle               |  Beige   | 51     | 8.1 | 53     | 9.1 |  |

Main Nozzle Adaptor  
P/N 118-1521





# INFINITY™ 35-6/55-6 SERIES ROTORS

## 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                            |
| • 102-5011      | 690 Adapter allows you to upgrade any 690 with INF55-6 conversions |



**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.

## Operating Specifications

- Inlet:
  - INF35-6: 1" ACME
  - INF55-6: 1 1/2" 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
  - Nickel-Plated Spike Guard Solenoid:
    - 24 VAC, 50/60 Hz
    - Inrush: 0.12 A
    - Holding 0.10 A
  - 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 GDC Module w/DCLS:
    - Momentary low voltage pulse
- Trajectory: 25° or 15°

## 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

## 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.
- Pop-up height to nozzle: 3 1/4"

## 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"<br>5—1 1/2" | 5—Part-circle and Full-circle In One | INF35—30, 31, 32, 33, 34, 35, 36, 37<br>INF55—51, 52, 53, 54, 55, 56, 57, 58, 59 | 6—65 psi<br>8—80 psi<br>1—100 psi | 1—Standard Solenoid<br>2—Spike Guard™ Solenoid<br>3—Nickel-plated Spike Guard Solenoid<br>4—DC Latching Solenoid (DCLS)<br>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 50, 65, 80 and 100 psi. Note: Not all models available.