

I-80

Radius: **37' to 97'**
 Flow: **8.9 to 58.5 GPM**
 Inlet: **1" & 1½"**

ROTORS

FEATURES

- Models:
 - I-80: True full-circle/adjustable part-circle (60° to 360°)
 - I-80-ON: Full-circle opposing nozzles
- QuickCheck™ arc mechanism (I-80)
- QuickSet-360 arc mechanism (I-80)
- Nozzle range:
 - I-80: #10 to #53
 - I-80-ON: #15 to #53
- Contour back-nozzle capable
- Exclusive Total-Top-Service (TTS) design
- Exclusive ProTech Turf Cup System
 - No-dig servicing of riser assembly
 - No-dig arc adjustments
 - Quick-release turf cup assembly
 - Threads in cup lock/retain the turf
- Ratcheting stainless steel riser
- Water-lubricated gear drives
- Check height up to 5' in elevation change
- Warranty period: 5 years
- ▶ **Dual trajectory color-coded nozzles:**
 - I-80: 12 standard trajectory (22.5°)
 - I-80-ON: 10 standard trajectory (22.5°)
 - I-80 & I-80-ON: 9 low-angle trajectory (15°)

OPERATING SPECIFICATIONS

- I-80
 - Radius: 37' to 94'
 - Flow: 8.9 to 59.6 GPM
 - Pressure range: 50 to 100 PSI
- I-80-ON
 - Radius: 49' to 97'
 - Flow: 14.2 to 58.5 GPM
 - Pressure range: 65 to 100 PSI
- All I-80 rotors are pressure rated at 150 PSI

▶ = *Advanced Feature descriptions on page 12*



I-80-00-SS Riser Mount
I-80-00-SS-ON Riser Mount
 Overall height: 9¾"
 Exposed diameter: 2¼"
 Inlet size: 1½"

I-80-04-SS Pop-up
I-80-04-SS-ON Pop-up
 Overall height: 9¾"
 Pop-up height: 3¾"
 Exposed diameter: 4¾"
 Inlet size: 1" and 1½"



I-80-04-SS-TC Turf Cup
I-80-04-SS-ON-TC Turf Cup
 Overall height: 11½"
 Pop-up height: 3¾"
 Exposed diameter: 3½"
 Inlet size: 1" and 1½"



I-80 Reclaimed
 Factory-installed option



I-80 Turf Cup Kit
 P/N 959400



I-80 Rubber Cover Kit
 P/N 959300

I-80 - SPECIFICATION BUILDER: ORDER 1 + 2 + 3 + 4

| 1 Model | 2 Standard Features | 3 Featured Options | 4 Nozzle Options |
|---|---|---|--|
| I-80-00-SS = Riser Mount I-80-04-SS = 4" Pop-Up I-80-04-SS-TC = 4" Pop-Up with Turf Cup | Adjustable arc, stainless steel riser Adjustable arc, stainless steel riser, check-valve Adjustable arc, stainless steel riser, check-valve factory-installed turf cup | (blank) = No option R = Reclaimed water ID* * TC reclaimed ID not available | #10 to #53 = Factory-installed nozzle number* * I-80 rotors only available with factory-installed nozzles (no nozzle packs included) |
| I-80-00-SS-ON = Riser Mount I-80-04-SS-ON = 4" Pop-Up I-80-04-SS-ON-TC = 4" Pop-Up with Turf Cup | Full-circle, opposing nozzle, stainless steel riser Full-circle, opposing nozzle, stainless steel riser, check valve Full-circle, opposing nozzle, stainless steel riser, check valve, factory-installed turf cup | (blank) = No option R = Reclaimed water ID* * TC reclaimed ID not available | #15 to #53 = Factory-installed nozzle number* * I-80 rotors only available with factory-installed nozzles (no nozzle packs included) |

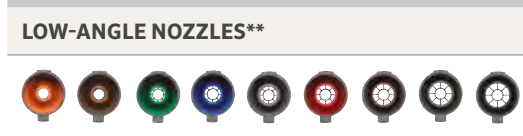
Example:

I-80-04-SS-25 = 4" pop-up, adjustable arc, stainless steel riser, check-valve and factory-installed #25 nozzle
 I-80-04-SS-ON-R-38 = 4" pop-up, stainless steel riser, check-valve, opposing nozzle full-circle, reclaimed water ID and factory installed #38 nozzle
 I-80-04-SS-ON-TC-48 = 4" pop-up, stainless steel riser, check-valve, opposing nozzle full-circle, factory-installed turf cup and factory-installed #48 nozzle

I-80-ON NOZZLE PERFORMANCE DATA*

| Nozzle Set | | | Pressure | Radius | Flow | Precip in/hr | |
|------------|-----------|----------|----------|--------|------|--------------|------|
| | | | PSI | ft. | GPM | ■ | ▲ |
| ● | ● | ● | 50 | 49 | 14.2 | 0.57 | 0.66 |
| Tan | 15 | Gray | 60 | 51 | 15.7 | 0.58 | 0.67 |
| 803611 | White | 315317 | 65 | 52 | 16.4 | 0.58 | 0.67 |
| ● | ● | ● | 70 | 53 | 17.0 | 0.58 | 0.67 |
| ● | ● | ● | 80 | 55 | 18.2 | 0.58 | 0.67 |
| ● | ● | ● | 50 | 56 | 17.2 | 0.53 | 0.61 |
| Tan | 18 | Gray | 60 | 58 | 18.8 | 0.54 | 0.62 |
| 803611 | Orange | 315317 | 65 | 59 | 19.7 | 0.54 | 0.63 |
| ● | ● | ● | 70 | 60 | 20.0 | 0.53 | 0.62 |
| ● | ● | ● | 80 | 61 | 21.2 | 0.55 | 0.63 |
| ● | ● | ● | 50 | 57 | 18.4 | 0.55 | 0.63 |
| Tan | 20 | Gray | 60 | 59 | 20.3 | 0.56 | 0.65 |
| 803611 | Brown | 315317 | 65 | 61 | 21.4 | 0.55 | 0.64 |
| ● | ● | ● | 70 | 63 | 21.6 | 0.52 | 0.60 |
| ● | ● | ● | 80 | 64 | 22.7 | 0.53 | 0.62 |
| ● | ● | ● | 50 | 63 | 21.6 | 0.52 | 0.60 |
| Tan | 23 | Lt. Blue | 60 | 65 | 23.0 | 0.52 | 0.61 |
| 803611 | Green | 315311 | 65 | 66 | 24.0 | 0.53 | 0.61 |
| ● | ● | ● | 70 | 67 | 24.9 | 0.53 | 0.62 |
| ● | ● | ● | 80 | 68 | 26.6 | 0.55 | 0.64 |
| ● | ● | ● | 65 | 71 | 28.6 | 0.55 | 0.63 |
| Tan | 25 | Lt. Blue | 70 | 73 | 29.7 | 0.54 | 0.62 |
| 803611 | Blue | 315311 | 80 | 74 | 31.7 | 0.56 | 0.64 |
| ● | ● | ● | 90 | 75 | 33.7 | 0.58 | 0.67 |
| ● | ● | ● | 100 | 77 | 35.8 | 0.58 | 0.67 |
| ● | ● | ● | 65 | 74 | 30.9 | 0.54 | 0.63 |
| Tan | 33 | Lt. Blue | 70 | 75 | 32.0 | 0.55 | 0.63 |
| 803611 | Gray | 315311 | 80 | 77 | 34.2 | 0.56 | 0.64 |
| ● | ● | ● | 90 | 79 | 36.2 | 0.56 | 0.64 |
| ● | ● | ● | 100 | 81 | 38.2 | 0.56 | 0.65 |
| ● | ● | ● | 65 | 77 | 35.1 | 0.57 | 0.66 |
| Tan | 38 | Lt. Blue | 70 | 79 | 36.6 | 0.56 | 0.65 |
| 803611 | Red | 315311 | 80 | 82 | 38.9 | 0.56 | 0.64 |
| ● | ● | ● | 90 | 84 | 41.3 | 0.56 | 0.65 |
| ● | ● | ● | 100 | 87 | 43.6 | 0.55 | 0.64 |
| ● | ● | ● | - | - | - | - | - |
| Tan | 43 | Blue | 70 | 83 | 41.3 | 0.58 | 0.67 |
| 803611 | Dk. Brown | 315315 | 80 | 85 | 43.6 | 0.58 | 0.67 |
| ● | ● | ● | 90 | 87 | 46.3 | 0.59 | 0.68 |
| ● | ● | ● | 100 | 89 | 48.8 | 0.59 | 0.68 |
| ● | ● | ● | - | - | - | - | - |
| Dk. Brown | 48 | Dk. Blue | 70 | 90 | 46.9 | 0.56 | 0.64 |
| 803610 | Dk. Green | 833500 | 80 | 92 | 48.9 | 0.56 | 0.64 |
| ● | ● | ● | 90 | 94 | 50.5 | 0.55 | 0.63 |
| ● | ● | ● | 100 | 96 | 53.5 | 0.56 | 0.65 |
| ● | ● | ● | - | - | - | - | - |
| Dk. Brown | 53 | Dk. Blue | 70 | 91 | 49.8 | 0.58 | 0.67 |
| 803610 | Dk. Blue | 833500 | 80 | 93 | 52.2 | 0.58 | 0.67 |
| ● | ● | ● | 90 | 95 | 55.5 | 0.59 | 0.68 |
| ● | ● | ● | 100 | 97 | 58.5 | 0.60 | 0.69 |

● = Nozzle plug P/N 315300 installed in the front side of the nozzle housing.



I-80 NOZZLE PERFORMANCE DATA*

| Nozzle Set | | | Pressure | Radius | Flow | Precip in/hr | |
|------------|----|-----------|----------|--------|------|--------------|------|
| | | | PSI | ft. | GPM | ■ | ▲ |
| Orange | 10 | Dk. Green | 50 | 37 | 8.9 | 0.63 | 0.72 |
| 803603 | ● | 315312 | 60 | 39 | 9.8 | 0.62 | 0.72 |
| ● | ● | ● | 65 | 41 | 10.2 | 0.58 | 0.67 |
| ● | ● | ● | - | - | - | - | - |
| ● | ● | ● | - | - | - | - | - |
| Orange | 13 | White | 50 | 47 | 11.4 | 0.50 | 0.57 |
| 803603 | ● | 315314 | 60 | 48 | 12.3 | 0.51 | 0.59 |
| ● | ● | ● | 65 | 49 | 12.9 | 0.52 | 0.60 |
| ● | ● | ● | - | - | - | - | - |
| ● | ● | ● | - | - | - | - | - |
| Orange | 15 | White | 50 | 52 | 12.9 | 0.46 | 0.53 |
| 803603 | ● | 315314 | 60 | 52 | 14.5 | 0.52 | 0.60 |
| ● | ● | ● | 65 | 53 | 14.9 | 0.51 | 0.59 |
| ● | ● | ● | 70 | 53 | 15.5 | 0.53 | 0.61 |
| ● | ● | ● | 80 | 54 | 16.5 | 0.54 | 0.63 |
| Orange | 18 | Lt. Green | 50 | 57 | 16.6 | 0.49 | 0.57 |
| 803603 | ● | 315313 | 60 | 58 | 17.8 | 0.51 | 0.59 |
| ● | ● | ● | 65 | 59 | 18.6 | 0.51 | 0.59 |
| ● | ● | ● | 70 | 60 | 19.4 | 0.52 | 0.60 |
| ● | ● | ● | 80 | 61 | 20.5 | 0.53 | 0.61 |
| Orange | 20 | Lt. Green | 50 | 59 | 17.9 | 0.49 | 0.57 |
| 803603 | ● | 315313 | 60 | 61 | 19.5 | 0.50 | 0.58 |
| ● | ● | ● | 65 | 62 | 19.8 | 0.50 | 0.57 |
| ● | ● | ● | 70 | 63 | 20.6 | 0.50 | 0.58 |
| ● | ● | ● | 80 | 64 | 22.1 | 0.52 | 0.60 |
| Orange | 23 | Lt. Green | 50 | 65 | 20.2 | 0.46 | 0.53 |
| 803603 | ● | 315313 | 60 | 66 | 22.1 | 0.49 | 0.56 |
| ● | ● | ● | 65 | 67 | 23.9 | 0.51 | 0.59 |
| ● | ● | ● | 70 | 67 | 24.2 | 0.52 | 0.60 |
| ● | ● | ● | 80 | 69 | 25.9 | 0.52 | 0.60 |
| Red | 25 | Green | 65 | 71 | 28.3 | 0.54 | 0.62 |
| 803602 | ● | 315310 | 70 | 72 | 29.3 | 0.54 | 0.63 |
| ● | ● | ● | 80 | 73 | 31.5 | 0.57 | 0.66 |
| ● | ● | ● | 90 | 74 | 33.4 | 0.59 | 0.68 |
| ● | ● | ● | 100 | 75 | 35.4 | 0.61 | 0.70 |
| Red | 33 | Green | 65 | 72 | 30.6 | 0.57 | 0.66 |
| 803602 | ● | 315310 | 70 | 73 | 31.6 | 0.57 | 0.66 |
| ● | ● | ● | 80 | 75 | 33.9 | 0.58 | 0.67 |
| ● | ● | ● | 90 | 77 | 35.8 | 0.58 | 0.67 |
| ● | ● | ● | 100 | 79 | 37.9 | 0.58 | 0.67 |
| Red | 38 | Green | 65 | 76 | 34.9 | 0.58 | 0.67 |
| 803602 | ● | 315310 | 70 | 78 | 36.2 | 0.57 | 0.66 |
| ● | ● | ● | 80 | 80 | 39.1 | 0.59 | 0.68 |
| ● | ● | ● | 90 | 82 | 41.2 | 0.59 | 0.68 |
| ● | ● | ● | 100 | 84 | 43.5 | 0.59 | 0.69 |
| Red | 43 | Green | - | - | - | - | - |
| 803602 | ● | 315310 | 70 | 81 | 41.2 | 0.60 | 0.70 |
| ● | ● | ● | 80 | 83 | 43.5 | 0.61 | 0.70 |
| ● | ● | ● | 90 | 86 | 46.2 | 0.60 | 0.69 |
| ● | ● | ● | 100 | 89 | 48.7 | 0.59 | 0.68 |
| Dk. Red | 48 | Dk. Green | - | - | - | - | - |
| 803601 | ● | 315312 | 70 | 83 | 46.3 | 0.65 | 0.75 |
| ● | ● | ● | 80 | 85 | 48.4 | 0.64 | 0.74 |
| ● | ● | ● | 90 | 89 | 51.7 | 0.63 | 0.73 |
| ● | ● | ● | 100 | 91 | 54.5 | 0.63 | 0.73 |
| Dk. Red | 53 | Dk. Green | - | - | - | - | - |
| 803601 | ● | 315312 | 70 | 87 | 50.7 | 0.64 | 0.74 |
| ● | ● | ● | 80 | 89 | 53.1 | 0.65 | 0.75 |
| ● | ● | ● | 90 | 92 | 56.4 | 0.64 | 0.74 |
| ● | ● | ● | 100 | 94 | 59.6 | 0.65 | 0.75 |

● = Nozzle plug P/N 315300 installed in the back side of the nozzle housing.

* Complies to ASAE standard. All precipitation rates calculated

**Low-angle nozzles reduce radius by 15%