

I-80

Radius: **63' to 97'**
Flow: **20.2 to 59.6 GPM**

The highly versatile and efficient I-80 rotor is the first commercial sports turf rotor with no-dig Total-Top-Serviceability.

KEY BENEFITS

- Exclusive Total-Top-Service (TTS) design provides convenient no-dig servicing
- Exclusive PressurePort™ technology creates exceptional nozzle uniformity
- Forward-facing triple nozzles (I-80) or opposing triple nozzles (I-80-ON) create uniform nozzle profiles in part and full-circle applications
- QuickCheck™ arc mechanism (I-80) for fast arc adjustment and review of the arc setting
- QuickSet-360 arc mechanism (I-80) converts adjustable arc rotor to full-circle in an instant
- Part- and full-circle in one model provides flexible installation options and reduces inventory (I-80)
- Ratcheting stainless steel riser allows setting of right-side fixed arc alignment to the landscape without rotor disassembly
- Drain check valve prevents low-head drainage (up to 5' of elevation)

OPERATING SPECIFICATIONS

- I-80
 - Standard 22.5° nozzle choices: 7
 - Radius: 65' to 94'
 - Flow: 20.2 to 59.6 GPM
 - Pressure range: 50 to 100 PSI
- I-80-ON
 - Standard 22.5° nozzle choices: 7
 - Radius: 63' to 97'
 - Flow: 21.6 to 58.5 GPM
 - Pressure range: 65 to 100 PSI
- All I-80 rotors are pressure-rated at 150 PSI

FACTORY-INSTALLED OPTIONS

- Exclusive ProTech TC™ turf cup option for an aesthetically clean and safe installation:
 - No-dig servicing of riser assembly
 - No-dig arc adjustments
 - Quick-release turf cup assembly
 - Threads in cup lock/retain the turf
- Reclaimed water ID

USER-INSTALLED OPTIONS

- Rubber cover kit
- Turf cup kit
- HSJ prefabricated PVC swing joints



I-80-00-SS Riser Mount
I-80-00-SS-ON Riser Mount
Overall height: 9³/₈"
Exposed diameter: 2¹/₄"
Inlet size: 1¹/₂"



I-80-04-SS Pop-Up
I-80-04-SS-ON Pop-Up
Overall height: 9³/₈"
Pop-up height: 3³/₄"
Exposed diameter: 4³/₈"
Inlet size: 1¹/₂"



I-80-04-SS-TC Turf Cup
I-80-04-SS-ON-TC Turf Cup
Overall height: 11¹/₂"
Pop-up height: 3³/₄"
Exposed diameter: 3¹/₂"
Inlet size: 1¹/₂"



I-80 Turf Cup Kit
P/N 959400SP



I-80 Rubber Cover Kit
P/N 959300SP






















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	#23 to #53 = Factory-installed nozzle number, no nozzle pack
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	#23 to #53 = Factory-installed nozzle number, no nozzle pack

Examples:

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	63	21.6	0.52	0.60
Tan	 23	Lt. Blue	60	65	23.0	0.52	0.61
			65	66	24.0	0.53	0.61
803611		315311	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
			80	74	31.7	0.56	0.64
803611		315311	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
			80	77	34.2	0.56	0.64
803611		315311	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
			80	82	38.9	0.56	0.64
803611		315311	90	84	41.3	0.56	0.65
			100	87	43.6	0.55	0.64
●		●	-	-	-	-	-
Tan	 43	Lt. Blue	70	83	41.3	0.58	0.67
			80	85	43.6	0.58	0.67
803611		315311	90	87	46.3	0.59	0.68
			100	89	48.8	0.59	0.68
●		●	-	-	-	-	-
Tan	 48	Lt. Blue	70	90	46.9	0.56	0.64
			80	92	48.9	0.56	0.64
803611		315311	90	94	50.5	0.55	0.63
			100	96	53.5	0.56	0.65
●		●	-	-	-	-	-
Tan	 53	Lt. Blue	70	91	49.8	0.58	0.67
			80	93	52.2	0.58	0.67
803611		315311	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	 23	Lt. Green	50	65	20.2	0.46	0.53
			60	66	22.1	0.49	0.56
803603		315313	65	67	23.9	0.51	0.59
			70	67	24.2	0.52	0.60
●		●	80	69	25.9	0.52	0.60
Orange	 25	Lt. Green	65	71	28.3	0.54	0.62
			70	72	29.3	0.54	0.63
803603		315313	80	73	31.5	0.57	0.66
			90	74	33.4	0.59	0.68
●		●	100	75	35.4	0.61	0.70
Orange	 33	Lt. Green	65	72	30.6	0.57	0.66
			70	73	31.6	0.57	0.66
803603		315313	80	75	33.9	0.58	0.67
			90	77	35.8	0.58	0.67
●		●	100	79	37.9	0.58	0.67
Orange	 38	Lt. Green	65	76	34.9	0.58	0.67
			70	78	36.2	0.57	0.66
803603		315313	80	80	39.1	0.59	0.68
			90	82	41.2	0.59	0.68
●		●	100	84	43.5	0.59	0.69
Orange	 43	Lt. Green	-	-	-	-	-
			70	81	41.2	0.60	0.70
803603		315313	80	83	43.5	0.61	0.70
			90	86	46.2	0.60	0.69
●		●	100	89	48.7	0.59	0.68
Orange	 48	Lt. Green	-	-	-	-	-
			70	83	46.3	0.65	0.75
803603		315313	80	85	48.4	0.64	0.74
			90	89	51.7	0.63	0.73
●		●	100	91	54.5	0.63	0.73
Orange	 53	Lt. Green	-	-	-	-	-
			70	87	50.7	0.64	0.74
803603		315313	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 for 360° operation. All triangular rates are equilateral.