

I-80

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
- Warranty period: 5 years

User-Installed Options

- Turf Cup Kit P/N: 959400SP
 - 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 P/N: 450105
- Rubber Cover Kit P/N: 959300SP
- [HSJ prefabricated PVC Swing Joints](#)
 - HSJ-3-3-2-2-12 HSJ Swing Joint, 1½" heavy-duty swing joint, 1½" male NPT inlet, 1½" male NPT outlet, single top-out, 12" lay arm

- HSJ-3-3-2-2-18 HSJ Swing Joint, 1½" heavy-duty swing joint, 1½" male NPT inlet, 1½" male NPT outlet, single top-out, 18" lay arm
- HSJ-3-3-2-4-12 HSJ Swing Joint, 1½" heavy-duty swing joint, 1½" male NPT inlet, 1½" male NPT outlet, triple top-out, 18" lay arm
- HSJ-3-3-2-4-18 HSJ Swing Joint, 1½" heavy-duty swing joint, 1½" male NPT inlet, 1½" male NPT outlet, triple top-out, 12" lay arm

I-80 NOZZLE PERFORMANCE DATA*

Nozzle Set			Pressure	Radius	Flow	
			PSI	ft	GPM	
Orange  803603	 23 Green	Lt. Green  315313	50	65	20.2	0.
			60	66	22.1	0.
			65	67	23.9	0.
			70	67	24.2	0.
●		●	80	69	25.9	0.
Orange  803603	 25 Blue	Lt. Green  315313	65	71	28.3	0.
			70	72	29.3	0.
			80	73	31.5	0.
			90	74	33.4	0.
●		●	100	75	35.4	0.
Orange  803603	 33 Gray	Lt. Green  315313	65	72	30.6	0.
			70	73	31.6	0.
			80	75	33.9	0.
			90	77	35.8	0.
●		●	100	79	37.9	0.
Orange  803603	 38 Red	Lt. Green  315313	65	76	34.9	0.
			70	78	36.2	0.
			80	80	39.1	0.
			90	82	41.2	0.
●		●	100	84	43.5	0.
Orange  803603	 43 Dk. Brown	Lt. Green  315313	-	-	-	-
			70	81	41.2	0.
			80	83	43.5	0.
			90	86	46.2	0.
●		●	100	89	48.7	0.
Orange  803603	 48 Dk. Green	Lt. Green  315313	-	-	-	-
			70	83	46.3	0.
			80	85	48.4	0.
			90	89	51.7	0.
●		●	100	91	54.5	0.
Orange  803603	 53 Dk. Blue	Lt. Green  315313	-	-	-	-
			70	87	50.7	0.
			80	89	53.1	0.
			90	92	56.4	0.
●		●	100	94	59.6	0.

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

*Complies to ASAE standard. All precipitation rates calculated for 360 degree operation. For the precipitation rate for a 180 degree sprinkler, multiply by 2. All triangular rates are equilateral.

I-80-ON NOZZLE PERFORMANCE DATA*

Nozzle Set			Pressure	Radius	Flow	
			PSI	ft	GPM	
●		●	50	63	21.6	0.
 Tan 803611	 23 Green	 Lt. Blue 315311	60	65	23	0.
			65	66	24	0.
			70	67	24.9	0.
			80	68	26.6	0.
●		●	65	71	28.6	0.
 Tan 803611	 25 Blue	 Lt. Blue 315311	70	73	29.7	0.
			80	74	31.7	0.
			90	75	33.7	0.
			100	77	35.8	0.
●		●	65	74	30.9	0.
 Tan 803611	 33 Gray	 Lt. Blue 315311	70	75	32.0	0.
			80	77	34.2	0.
			90	79	36.2	0.
			100	81	38.2	0.
●		●	65	77	35.1	0.
 Tan 803611	 38 Red	 Lt. Blue 315311	70	79	36.6	0.
			80	82	38.9	0.
			90	84	41.3	0.
			100	87	43.6	0.
●		●	-	-	-	-
 Tan 803611	 43 Dk. Brown	 Lt. Blue 315311	70	83	41.3	0.
			80	85	43.6	0.
			90	87	46.3	0.
			100	89	48.8	0.
●		●	-	-	-	-
 Tan 803611	 48 Dk. Green	 Lt. Blue 315311	70	90	46.9	0.
			80	92	48.9	0.
			90	94	50.5	0.
			100	96	53.5	0.
●		●	-	-	-	-
 Tan 803611	 53 Dk. Blue	 Lt. Blue 315311	70	91	49.8	0.
			80	93	52.2	0.
			90	95	55.5	0.
			100	97	58.5	0.

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

*Complies to ASAE standard. All precipitation rates calculated for 360 degree operation. For the precipitation rate for a 180 degree sprinkler, multiply by 2. All triangular rates are equilateral.

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