

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
- Forward-facing triple nozzles (I-80) or opposing triple nozzles (I-80-ON) create uniform nozzle profiles in part and full-circle applications
- QuickSet-360 arc mechanism (I-80) converts adjustable arc rotor to full-circle in an instant
- Ratcheting stainless steel riser allows setting of right-side fixed arc alignment to the landscape without rotor disassembly
- Exclusive PressurePort™ technology creates exceptional nozzle uniformity
- QuickCheck™ arc mechanism (I-80) for fast arc adjustment and review of the arc setting
- Part- and full-circle in one model provides flexible installation options and reduces inventory (I-80)
- 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
- All I-80 rotors are pressure-rated at 150 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
- Warranty Period: 5 years

Factory-Installed Options

- 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
- HSJ prefabricated PVC swing joints
- Turf cup kit

Radius: 63' to 97'
Flow: 20.2 to 59.6 GPM
Inlet Size: 1½" NPT



I80-04-SS Pop-up
I80-04-SS-ON Pop-up
Pop-up Height: 3¾"
Overall Height: 9¾"
Exposed Diameter: 4¾"
Inlet Size: 1½"



I80-04-SS-TC Turf Cup
I80-04-SS-TC-ON Turf Cup
Pop-up Height: 3¾"
Overall Height: 11½"
Exposed Diameter: 3½"
Inlet Size: 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

1 Model	2 Standard Features	3 Feature Options	4 Nozzle Options	
I80-04-SS 4" Pop-Up	Adjustable arc, stainless steel riser	(blank) No option	23	33
I80-04-SS-TC 4" Pop-Up with Turf Cup	Adjustable arc, stainless steel riser, check-valve	R Reclaimed water ID*	25	38
	Adjustable arc, stainless steel riser, check-valve factory-installed turf cup		43	48
			53	#23 to #53 Factory-installed nozzle number, no nozzle pack #25S = Includes nozzle pack #2 #48S = Includes nozzle pack #3

Nozzle Set			Pressure	Radius	Flow	Precip in/hr	
			PSI	ft	GPM	■	▲
 Orange 803603  Green 23 	 Lt. Green 315313 	50	65	20.2	0.46	0.53	
		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	
 Orange 803603  Blue 25 	 Lt. Green 315313 	65	71	28.3	0.54	0.62	
		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	
 Orange 803603  Gray 33 	 Lt. Green 315313 	65	72	30.6	0.57	0.66	
		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	
 Orange 803603  Red 38 	 Lt. Green 315313 	65	76	34.9	0.58	0.67	
		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	
 Orange 803603  Dk. Brown 43 	 Lt. Green 315313 	-	-	-	-	-	
		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	
 Orange 803603  Dk. Green 48 	 Lt. Green 315313 	-	-	-	-	-	
		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	
 Orange 803603  Dk. Blue 53 	 Lt. Green 315313 	-	-	-	-	-	
		70	87	50.7	0.64	0.74	
		80	89	53.1	0.65	0.75	
		90	92	56.4	0.64	0.74	

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

*Complies to ASAE standard. All precipitation rates calculated

Nozzle Set		Pressure	Radius	Flow	Precip in/hr	
		PSI	ft	GPM	■	▲
●	●	50	63	21.6	0.52	0.60
		60	65	23	0.52	0.61
		65	66	24	0.53	0.61
		70	67	24.9	0.53	0.62
		80	68	26.6	0.55	0.64
Tan ● 803611 ● 23 Green 315311 ● Lt. Blue 315311 ●	●	65	71	28.6	0.55	0.63
		70	73	29.7	0.54	0.62
		80	74	31.7	0.56	0.64
		90	75	33.7	0.58	0.67
		100	77	35.8	0.58	0.67
Tan ● 803611 ● 25 Blue 315311 ● Lt. Blue 315311 ●	●	65	74	30.9	0.54	0.63
		70	75	32.0	0.55	0.63
		80	77	34.2	0.56	0.64
		90	79	36.2	0.56	0.64
		100	81	38.2	0.56	0.65
Tan ● 803611 ● 33 Gray 315311 ● Lt. Blue 315311 ●	●	65	77	35.1	0.57	0.66
		70	79	36.6	0.56	0.65
		80	82	38.9	0.56	0.64
		90	84	41.3	0.56	0.65
		100	87	43.6	0.55	0.64
●	●	-	-	-	-	-
		70	83	41.3	0.58	0.67
		80	85	43.6	0.58	0.67
		90	87	46.3	0.59	0.68
		100	89	48.8	0.59	0.68
Tan ● 803611 ● 43 Dk. Brown 315311 ● Lt. Blue 315311 ●	●	-	-	-	-	-
		70	90	46.9	0.56	0.64
		80	92	48.9	0.56	0.64
		90	94	50.5	0.55	0.63
		100	96	53.5	0.56	0.65
Tan ● 803611 ● 48 Dk. Green 315311 ● Lt. Blue 315311 ●	●	-	-	-	-	-
		70	91	49.8	0.58	0.67
		80	93	52.2	0.58	0.67
		90	95	55.5	0.59	0.68
		90	95	55.5	0.59	0.68

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

*Complies to ASAE standard. All precipitation rates calculated