

I-80

Radius: **19.2 to 29.6 m**
 Flow: **4.59 to 13.5 m³/hr;**
76.5 to 225.6 l/min

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
- PressurePort™ technology and forward-facing triple nozzles (I-80) or opposing triple nozzles (I-80-ON) create exceptional nozzle uniformity in part- and full-circle applications
- Tool-free, part- and full-circle arc adjustment mechanism makes fast, easy installation and reduces inventory (70° to 360°)
- Ratcheting stainless steel riser allows setting of right-side fixed arc alignment to the landscape without rotor disassembly

OPERATING SPECIFICATIONS

- I-80 nozzle choices: 7 standard
- I-80-ON nozzle choices: 7 standard
- Radius I-80: 19.8 to 28.7 m
- Radius I-80-ON: 19.2 to 29.6 m
- Flow I-80: 4.6 to 13.5 m³/hr; 76.5 to 225.6 l/min
- Flow I-80-ON: 4.9 to 13.3 m³/hr; 81.8 to 221.4 l/min
- Recommended pressure range: 3.4 to 6.9 bar; 340 to 690 kPa
- Operating pressure range: 2.7 to 10.3 bar; 275 to 1030 kPa
- Precipitation rates: 10 mm/hr approximately
- Warranty period: 5 years

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 #959300SP
- Turf cup kit #959400SP
- HSJ prefabricated PVC swing joints



I-80-04-SS Pop-Up
I-80-04-SS-ON Pop-Up
 Overall height: 25 cm
 Pop-up height: 9.5 cm
 Exposed diameter: 11 cm
 Inlet size: 1½"



I-80-04-SS-TC Turf Cup
I-80-04-SS-ON-TC Turf Cup
 Overall height: 29 cm
 Pop-up height: 9.5 cm
 Exposed diameter: 8.9 cm
 Inlet size: 1½"



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-80-04-SS = 10 cm pop-up I-80-04-SS-TC = 10 cm pop-up with turf cup	Adjustable arc, stainless steel riser, check valve Adjustable arc, stainless steel riser, check valve, factory-installed turf cup	R = Reclaimed water ID* B = BSP inlet threads * TC reclaimed ID not available	#23 to #53 = Factory-installed nozzle number, no nozzle pack
I-80-04-SS-ON = 10 cm pop-up I-80-04-SS-ON-TC = 10 cm pop-up with turf cup	Full-circle, opposing nozzle, stainless steel riser, check valve Full-circle, opposing nozzle, stainless steel riser, check valve, factory-installed turf cup	R = Reclaimed water ID* B = BSP inlet threads * TC reclaimed ID not available	#23 to #53 = Factory-installed nozzle number, no nozzle pack

Example:

- I-80-04-SS-B-25 = 10 cm pop-up, adjustable arc, stainless steel riser, check valve, BSP inlet threads, and factory-installed #25 nozzle
- I-80-04-SS-ON-R-B-38 = 10 cm pop-up, stainless steel riser, check valve, opposing nozzle full-circle, reclaimed water ID, BSP inlet threads, and factory-installed #38 nozzle
- I-80-04-SS-ON-TC-B-48 = 10 cm pop-up, stainless steel riser, check valve, opposing nozzle full-circle, factory-installed turf cup, BSP inlet threads, and factory-installed #48 nozzle

I-80-ON NOZZLE PERFORMANCE DATA*

Nozzle Set			Pressure		Radius	Flow		Precip mm/hr	
●	●	●	bar	kPa	m	m ³ /hr	l/min	■	▲
			● Tan 803611	● Green 23	● Lt. Blue 315311	3.4	344	19.2	4.91
4.1	413	19.8				5.22	87.1	13.3	15.4
4.5	450	20.1				5.45	90.8	13.5	15.6
4.8	482	20.4				5.66	94.3	13.6	15.7
5.5	551	20.7	6.04	100.7	14.1	16.2			
● Tan 803611	● Blue 25	● Lt. Blue 315311	4.5	450	21.6	6.50	108.3	13.9	16.0
			4.8	482	22.3	6.75	112.5	13.6	15.7
			5.5	551	22.6	7.19	119.8	14.1	16.3
			6.2	620	22.9	7.65	127.5	14.6	16.9
6.9	689	23.5	8.12	135.3	14.7	17.0			
● Tan 803611	● Grey 33	● Lt. Blue 315311	4.5	450	22.6	7.02	117.0	13.8	15.9
			4.8	482	22.9	7.27	121.1	13.9	16.1
			5.5	551	23.5	7.77	129.5	14.1	16.3
			6.2	620	24.1	8.22	137.0	14.2	16.4
6.9	689	24.7	8.68	144.6	14.2	16.4			
● Tan 803611	● Red 38	● Lt. Blue 315311	4.5	450	23.5	7.97	132.9	14.5	16.7
			4.8	482	24.1	8.31	138.5	14.3	16.6
			5.5	551	25.0	8.84	147.3	14.1	16.3
			6.2	620	25.6	9.38	156.3	14.3	16.5
6.9	689	26.5	9.90	165.0	14.1	16.3			
● Tan 803611	● Dk. Brown 43	● Lt. Blue 315311	-	-	-	-	-	-	-
			4.8	482	25.3	9.38	156.3	14.7	16.9
			5.5	551	25.9	9.90	165.0	14.8	17.0
			6.2	620	26.5	10.52	175.3	15.0	17.3
6.9	689	27.1	11.09	184.7	15.1	17.4			
● Tan 803611	● Dk. Green 48	● Lt. Blue 315311	-	-	-	-	-	-	-
			4.8	482	27.4	10.65	177.5	14.2	16.3
			5.5	551	28.0	11.11	185.1	14.1	16.3
			6.2	620	28.7	11.46	191.0	14.0	16.1
6.9	689	29.3	12.15	202.5	14.2	16.4			
● Tan 803611	● Dk. Blue 53	● Lt. Blue 315311	-	-	-	-	-	-	-
			4.8	482	27.7	11.31	188.5	14.7	17.0
			5.5	551	28.3	11.86	197.7	14.8	17.0
			6.2	620	29.0	12.61	210.1	15.0	17.4
6.9	689	29.6	13.29	221.4	15.2	17.6			

I-80 NOZZLES



I-80 NOZZLE PERFORMANCE DATA

Nozzle Set			Pressure		Radius	Flow		Precip mm/hr	
●	●	●	bar	kPa	m	m ³ /hr	l/min	■	▲
			● Orange 803603	● Green 23	● Lt. Green 315313	3.4	344	19.8	4.59
4.1	413	20.1				5.02	83.7	12.4	14.3
4.5	450	20.4				5.43	90.5	13.0	15.0
4.8	482	20.4				5.50	91.6	13.2	15.2
5.5	551	21.0	5.88	98.0	13.3	15.4			
● Orange 803603	● Blue 25	● Lt. Green 315313	4.5	450	21.6	6.43	107.1	13.7	15.8
			4.8	482	21.9	6.66	110.9	13.8	16.0
			5.5	551	22.3	7.16	119.2	14.5	16.7
			6.2	620	22.6	7.59	126.4	14.9	17.2
6.9	689	22.9	8.04	134.0	15.4	17.8			
● Orange 803603	● Grey 33	● Lt. Green 315313	4.5	450	21.9	6.95	115.8	14.4	16.7
			4.8	482	22.3	7.18	119.6	14.5	16.7
			5.5	551	22.9	7.70	128.3	14.7	17.0
			6.2	620	23.5	8.13	135.5	14.8	17.0
6.9	689	24.1	8.61	143.5	14.8	17.1			
● Orange 803603	● Red 38	● Lt. Green 315313	4.5	450	23.2	7.93	132.1	14.8	17.1
			4.8	482	23.8	8.22	137.0	14.5	16.8
			5.5	551	24.4	8.88	148.0	14.9	17.2
			6.2	620	25.0	9.36	156.0	15.0	17.3
6.9	689	25.6	9.88	164.7	15.1	17.4			
● Orange 803603	● Dk. Brown 43	● Lt. Green 315313	-	-	-	-	-	-	-
			4.8	482	24.7	9.36	156.0	15.4	17.7
			5.5	551	25.3	9.88	164.7	15.4	17.8
			6.2	620	26.2	10.49	174.9	15.3	17.6
6.9	689	27.1	11.06	184.3	15.0	17.4			
● Orange 803603	● Dk. Green 48	● Lt. Green 315313	-	-	-	-	-	-	-
			4.8	482	25.3	10.52	175.3	16.4	19.0
			5.5	551	25.9	10.99	183.2	16.4	18.9
			6.2	620	27.1	11.74	195.7	16.0	18.4
6.9	689	27.7	12.38	206.3	16.1	18.6			
● Orange 803603	● Dk. Blue 53	● Lt. Green 315313	-	-	-	-	-	-	-
			4.8	482	26.5	11.52	191.9	16.4	18.9
			5.5	551	27.1	12.06	201.0	16.4	18.9
			6.2	620	28.0	12.81	213.5	16.3	18.8
6.9	689	28.7	13.54	225.6	16.5	19.0			

● = 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.