

I-80

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

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

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 (60° to 360°)
- Ratcheting stainless steel riser allows setting of right-side fixed arc alignment to the landscape without rotor disassembly
- Warranty period: 5 years

OPERATING SPECIFICATIONS

- I-80 nozzle choices: 7 Std
- I-80-ON nozzle choices: 7 Std
- 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

FACTORY-INSTALLED OPTIONS

- Exclusive ProTech 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: 1/2"



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: 1/2"



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-80-04-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	#10 to #53 = Factory-installed nozzle number, no nozzle pack #18S = Includes nozzle pack #1 #25S = Includes nozzle pack #2 #48S = Includes nozzle pack #3
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	#10 to #53 = Factory-installed nozzle number, no nozzle pack #18S = Includes nozzle pack #1 #25S = Includes nozzle pack #2 #48S = Includes nozzle pack #3

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	81.8	13.3	15.4
			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
● 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
● 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
● 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
● Tan 803611	● Dk. Brown 43	● Blue 315300	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
● Dk. Brown 803610	● Dk. Green 48	● Dk. Blue 833500	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
● Dk. Brown 803610	● Dk. Blue 53	● Dk. Blue 833500	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	76.5	11.7	13.5
			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
● Red 803602	● Green 25	● Green 315310	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
● Red 803602	● Blue 33	● Green 315310	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
● Red 803602	● Grey 33	● Green 315310	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
● Red 803602	● Red 38	● Green 315310	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
● Red 803602	● Dk. Brown 43	● Green 315310	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
● Dk. Red 803601	● Dk. Green 48	● Dk. Green 315312	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
● Dk. Red 803601	● Dk. Blue 53	● Dk. Green 315312	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.