

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: 19.8 to 28.7 m
 - Flow: 4.6 to 13.5 m³/hr; 76.5 to 225.6 l/min
 - Pressure range: 50 to 100 PSI
- I-80-ON
 - Standard 22.5° nozzle choices: 7
 - Radius: 19.2 to 29.6 m
 - Flow: 4.9 to 13.3 m³/hr; 81.8 to 221.4 l/min
 - Pressure range: 65 to 100 PSI
- Recommended pressure range: 3.4 to 6.9 bar; 340 to 690 kPa
- Operating pressure range: 2.7 to 10.3 bar; 275 to 1,030 kPa
- Precipitation rates: 10 mm/hr approximately
- Warranty period: 5 years

User-Installed Options

- Rubber Cover kit P/N 959300SP
- Turf Cup kit P/N 959400SP
- [Prefabricated PVC HSJ Swing Joints](#)
 - HSJ-3-6-5-2-12 HSJ Swing Joint, 1½" heavy-duty swing joint, 1½" (40 mm) male BSP inlet, 1½" (40 mm) male BSP outlet, single top-out, 12" lay arm
 - HSJ-3-6-5-2-18 HSJ Swing Joint, 1½" heavy-duty swing joint, 1½" (40 mm) male BSP inlet, 1½" (40 mm) male BSP outlet, single top-out, 18" lay arm
 - HSJ-3-6-5-4-12 HSJ Swing Joint, 1½" heavy-duty swing joint, 1½" (40 mm) male BSP inlet, 1½" (40 mm) male BSP outlet, triple top-out, 18" lay arm

- HSJ-3-6-5-4-18 HSJ Swing Joint, 1½" heavy-duty swing joint, 1½" (40 mm) male BSP inlet, 1½" (40 mm) male BSP outlet, triple top-out, 12" lay arm

I-80 NOZZLE PERFORMANCE DATA*

Nozzle Set			Pressure		Radius	
			bar	kPa	m	m3
Orange  803603	 23 Green	Lt. Green  315313	3.4	344	19.8	4.
			4.1	413	20.1	5.
			4.5	450	20.4	5.
			4.8	482	20.4	5.
●		●	5.5	551	21.0	5.
Orange  803603	 25 Blue	Lt. Green  315313	4.5	450	21.6	6.
			4.8	482	21.9	6.
			5.5	551	22.3	7.
			6.2	620	22.6	7.
●		●	6.9	689	22.9	8.
Orange  803603	 33 Gray	Lt. Green  315313	4.5	450	21.9	6.
			4.8	482	22.3	7.
			5.5	551	22.9	7.
			6.2	620	23.5	8.
●		●	6.9	689	24.1	8.
Orange  803603	 38 Red	Lt. Green  315313	4.5	450	23.2	7.
			4.8	482	23.8	8.
			5.5	551	24.4	8.
			6.2	620	25	9.
●		●	6.9	689	25.6	9.
Orange  803603	 43 Dk. Brown	Lt. Green  315313	-	-	-	-
			4.8	482	24.7	9.
			5.5	551	25.3	9.
			6.2	620	26.2	10.
●		●	6.9	689	27.1	11.
Orange  803603	 48 Dk. Green	Lt. Green  315313	-	-	-	-
			4.8	482	25.3	10.
			5.5	551	25.9	10.
			6.2	620	27.1	11.
●		●	6.9	689	27.7	12.
Orange  803603	 53 Dk. Blue	Lt. Green  315313	-	-	-	-
			4.8	482	26.5	11.
			5.5	551	27.1	12.
			6.2	620	28.0	12.
●		●	6.9	689	28.7	13.

? = 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	
			bar	kPa	m	m ³
●		●	3.4	344	19.2	4.
 Tan 803611	 23 Green	 Lt. Blue 315311	4.1	413	19.8	5.
			4.5	450	20.1	5.
			4.8	482	20.4	5.
			5.5	551	20.7	6.
●		●	4.5	450	21.6	6.
 Tan 803611	 25 Blue	 Lt. Blue 315311	4.8	482	22.3	6.
			5.5	551	22.6	7.
			6.2	620	22.9	7.
			6.9	689	23.5	8.
●		●	4.5	450	22.6	7.
 Tan 803611	 33 Gray	 Lt. Blue 315311	4.8	482	22.9	7.
			5.5	551	23.5	7.
			6.2	620	24.1	8.
			6.9	689	24.7	8.
●		●	4.5	450	23.5	7.
 Tan 803611	 38 Red	 Lt. Blue 315311	4.8	482	24.1	8.
			5.5	551	25.0	8.
			6.2	620	25.6	9.
			6.9	689	26.5	9.
●		●	-	-	-	-
 Tan 803611	 43 Dk. Brown	 Lt. Blue 315311	4.8	482	25.3	9.
			5.5	551	25.9	9.
			6.2	620	26.5	10.
			6.9	689	27.1	11.
●		●	-	-	-	-
 Tan 803611	 48 Dk. Green	 Lt. Blue 315311	4.8	482	27.4	10.
			5.5	551	28	11.
			6.2	620	28.7	11.
			6.9	689	29.3	12.
●		●	-	-	-	-
 Tan 803611	 53 Dk. Blue	 Lt. Blue 315311	4.8	482	27.7	11.
			5.5	551	28.3	11.
			6.2	620	29.0	12.
			6.9	689	29.6	13.

? = 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.

Copyright © 2026 Hunter Industries Inc. Hunter, the Hunter logo, and other marks are trademarks of Hunter Industries Inc., registered in the U.S. and certain other countries.

<https://api.hunterirrigation.com/en-metric/irrigation-product/rotors/i-80>
020326