

Acurain™ 427 B

ACURAIN SPRINKLER



Under Tree Irrigation



Finger-Tip Adjustment Mechanism

User friendly, finger tip adjustment to full or part circle mechanism



Innovative Bayonet Color Coded Nozzles

Color-coded bayonet nozzles for easy service



Vanes in Nozzle

Integrated stream-straightening vane for maximum range



Deflector Shield & Diffuser Screw Control

Deflector shield and diffuser screw control for distance and stream pattern (427B Sprinkler) regulation.



High Performance Washer

Long life washer helps to give uniform and hassle free rotation



Threaded Inlet Connection

Available in 1/2" male/ 3/4" female threaded connections

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Additional Features

- **Spacing up to 14 m**
- **Manufactured from special grade polymer material:** Components manufactured out of revolutionary polymers to achieve wear resistance and longer trouble free performance.
- **Excellent Precipitation:** Gentle precipitation, no damage to flowers / plants.
- **Quality Comes First:** Each batch is tested for stringent quality parameters.

Applications

- For residential and small public areas, also as hose-end on spike or sled bases

Specifications

- Discharges : 450-1180 lph
- Diameter : 21 m to 26 m
- Recommended Pressure : 2 kg/cm² to 4 kg/cm²
- Inlet Connection : 1/2" male threaded & 3/4" female threaded
- Nominal operating pressure is 2.0 kg/cm². Can be used for other pressure ratings (lower / higher) after consulting company representative and due care for spacing and application rate.
- Easy to install with different mounting options, for details please refer to "Polyfittings & Accessories" section.

Technical Specifications - Acurain 427 B

Nozzle Color (mm)	P (kg/cm ²)	Q (lph)	D (m)
"2.8 Orange"	2.0	450	21
	3.0	550	23
	4.0	630	23
"3.0 Red"	2.0	510	23
	3.0	630	24
	4.0	720	25
"3.2 Green"	2.0	570	23
	3.0	700	24
	4.0	810	26
"3.5 Blue"	2.0	660	23
	3.0	810	24
	4.0	930	26
4.0* Black	2.0	850	24
	3.0	1030	26
	4.0	1180	26

P= Pressure; Q= Discharge; D = Diameter

* Standard Nozzle

Note:

- Performance table prepared under laboratory conditions
- For windy conditions use closer spacing

Acurain 427 B - Assembly



Ordering Specifications

	X	X	X
5146	0 - Male Connection	Nozzle Size (mm) x 10	Blank - Domestic
	1 - Female Connection		N - Export

Example: 5146035N - This code represents 427 B sprinkler with nozzle size 3.5 mm and male connection for export order.