

SPS178



- ✓ *Brass inlet with 2" female thread*
- ✓ *Full and part circle sprinkler*
- ✓ *Nozzle range: 16 - 24 mm*

The brand-new SPS178 pop-up sprinkler is the most powerful sprinkler in the Irritrol range. It is intended for use on synthetic grass football fields and all large sports fields. It is installed outside the playing area without needing to install further sprinklers in the field. In fact, it ensures even coverage thanks to its wide range of 54 meters, which, together with the reduced water requirements, make it unique of its kind.

Features:

- Rotation speed time 180°: from min 50 to max 120 sec at 4,0 – 8,0 bar
- New technology nozzles to achieve excellent uniformity and reduced water consumption even with a radius of over 50m
- One piston for precise irrigation
- Built-in valve that assures high reliability and low head loss.
- Slow valve closure to prevent water hammers
- The solenoid valve and all the other parts are fitted at the top of the sprinkler for easy maintenance
- Turf cup for artificial grass

Specifications:

- Radius: 34,0 – 54,0 m
- Flow rate: 26,0 – 69,0 m³/h
- Operating pressure: 4,0 – 8,0 bar
- Trajectory: 25°
- Solenoid 24 VAC – 50 Hz
 - Inrush current 0,34A
 - Holding current 0,20A



Installation height	720 mm
Rising height	120 mm
Outer ø housing	350 mm
Outer ø lid	267 mm

Performance

Operating pressure	Nozzle 16 mm		Nozzle 20 mm*		Nozzle 24 mm	
	m ³ /h	m	m ³ /h	m	m ³ /h	m
4,0 bar	25,9	34,0	36,1	40,0	48,7	42,0
5,0 bar	29,0	37,0	40,4	42,0	54,4	44,0
6,0 bar	31,7	40,0	44,3	45,0	59,6	49,0
7,0 bar	34,3	42,0	47,9	48,0	64,4	52,0
8,0 bar	36,7	44,0	51,2	50,0	68,9	54,0

*Standard nozzle preassembled

Codification

Code	Description
SPS178	Piston sprinkler 2", 360° with valve in head and turf cup

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