

HT-9PGP - PLAY GROUND POP-UP

Large Radius GEAR DRIVE POP-UP

ITALY

www.sime-sprinklers.com

48 mtr
Radius



2" Female Threaded Connection

Specifications

- Maximum operating pressure range 3.0 - 8.0 kg/cm²
- Discharge range 314 - 1084 ltr/min
- Radius range 29.5 - 49.5 meters
- Precipitation rate range 6.8 - 8.8 mm per hour



Features

- Uniform water distribution.
- Smooth gear drive operation.
- Large radius reduces heads on playing surface.
- Pop-Up sprinkler for large gardens and parks, manufactured with shock proof outer case and rubber cover.
- Technically built as a turbine big irrigun, it gives a long radius, and it is particularly suitable for golf courses, (can be possible one-two only sprinkler each green), and football grounds.
- The external spinner and the jet-breaker, grant the best water-distribution.
- The Sprinkler arc works with low or high pressures and can mount nozzles from 16 to 24 mm diameter.
- Best Suited for golf courses, Stadium and Big Parks.
- Low operating pressure -> Low HP Pump Set -> Low Operating Cost.
- Low Filtration Cost -> Low Initial Cost -> Low Maintenance.
- Less Number of Sprinklers per unit area, there by lower system cost.
- Precipitation Rate 6.8 - 8.8 mm per hour.
- Jet Length 29.5 mtr - 48.5 mtr.
- Rubber covered cap for player protection.
- Optional synthetic turf top available.

Applications : Football, Hockey, Cricket, Rugby, Synthetic Turf & Golf courses.



Technical Data



Performance Data

Nozzle (mm)	Pressure (kg/cm ²)	Radius (mtr)	Discharge (ltr/min)	Precipitation (ltr/min)
16 6	3.0	29.5	314	6.8
	4.0	32.5	364	6.6
	5.0	35.0	406	6.3
	6.0	37.0	446	6.2
	7.0	39.0	482	6.0
18 6	3.0	31.0	350	6.9
	4.0	34.0	400	6.7
	5.0	37.0	452	6.3
	6.0	39.0	496	6.2
20 6	4.0	35.0	545	8.5
	5.0	39.0	609	7.2
	6.0	43.0	668	6.9
	7.0	44.0	721	7.1
22 6	8.0	45.0	773	7.3
	4.0	36.0	649	9.5
	5.0	39.5	726	8.9
	6.0	44.0	795	7.8
24 6	7.0	47.0	859	7.4
	8.0	48.0	920	7.1
	4.0	37.0	765	10.6
	5.0	40.5	855	10.0
26 6	6.0	45.0	937	8.8
	7.0	47.5	1012	8.6
	8.0	48.5	1084	8.8
	4.0	38.0	891	11.7
26 6	5.0	41.5	996	11.0
	6.0	46.0	1092	9.8
	7.0	48.5	1178	9.6
	8.0	50.0	1262	9.6

* Performance is based on ideal conditions of Temperature, Wind Velocity and Humidity.
▲ Standard Nozzle Size

Installation Recommendations

- Use quality (min. 10 bar rating) 3 or 4 way articulated riser assembly connection between base of sprinkler and supply piping to provide player protection and avoid damage to sprinkler and pipeline.
- Provide an adequate gravel "soak pit" area about each sprinkler base to allow for drainage of any excess water build up during operation.
- Excess water build up may be avoided by multiple operation cycles (at proportionally reduced times).
- Installation of size 2" anti drain check valve at base of sprinkler head / riser assembly is recommended for all low lying areas.