

HT - 46PC

Overhead Sprinklers



Features

- Available in ¾" BSPT Male threaded
- Body, Arm, Nut, Tube and part circle mechanism made of engineering plastic material for durability and corrosion resistant.
- Nozzle Bayonet connection for easy service in field conditions.
- Also available in Brass Threaded nozzle.
- Nozzles with integrated stream straightening vane for long range.
- Pivot pin and Springs, part circle pin made of Stainless steel.
- Recommended Pressure 1.0 - 4.0 kg/cm² or 14.25 - 56.85Psi
- Recommended spacing up to 15m for higher distribution uniformity.
- Trajectory Angle: 23°

Performance Table

Nozzle (mm)	Pressure (kg/cm ²)	Coverage Diameter (mtr)	Discharge Rate (LPH)
3.96 x 2.38	1	21.5	808
	2	23	1143
	3	26.4	1400
	4	28.6	1617
4.36 x 2.38	1	22.6	918
	2	24.4	1218
	3	27.8	1590
	4	29.4	1836
4.76 x Plug	1	23.6	814
	2	26.8	1150
	3	29	1410
	4	30.4	1628
4.76 x 3.17*	1	23.8	1218
	2	26.8	1723
	3	29.2	2110
	4	30.4	2436
5.15 x 3.17	1	23.8	1328
	2	29.2	1878
	3	30.4	2300
	4	32.4	2656

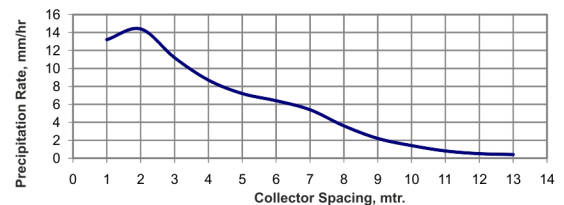
*Performance is based on ideal conditions of Temperature, wind velocity and Humidity.

Application

- All crops irrigation compatible by overhead irrigation on Solid set - portable and permanent systems.
- For Efficient irrigation of field edges.

Nozzle Size: 4.36 x 2.38mm Pressure: 3.0kg/cm²

Distribution Curve



Spacing (m)	CU%	DU%	SC(5%)	APR
12 x 12	93%	91%	1.1	11
13 x 13	89%	85%	1.3	9.4
14 x 14	85%	78%	1.6	8.1
15 x 15	80%	68%	1.9	7