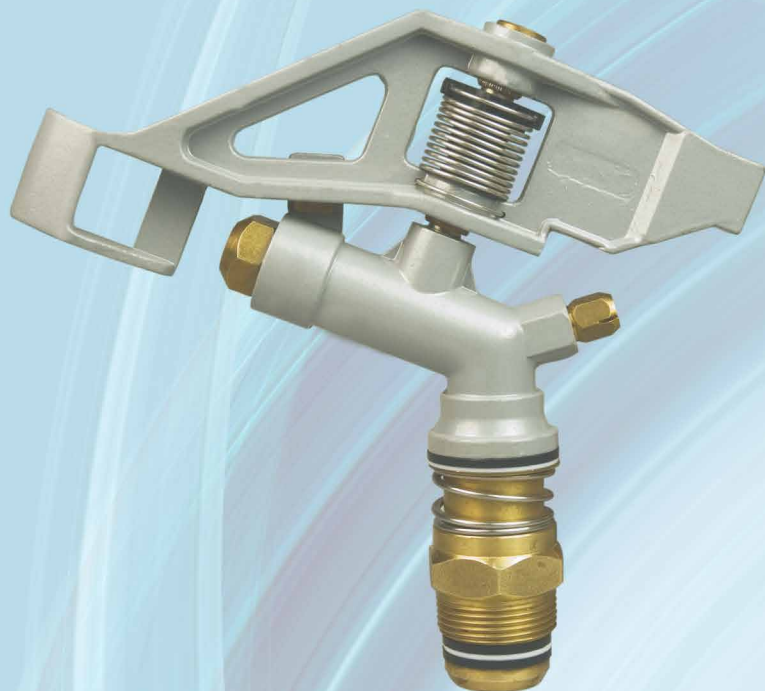


AQ - 40M

Big Sprinklers



Features

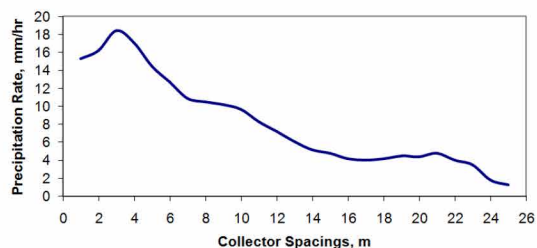
- Available in 1-1/4" BSP/NPT male threaded
- Light in weight, robust and reliable design.
- Aluminium Pressure die casted Body and arm.
- Heavy duty brass nut, tube and nozzles.
- Stainless steel pivot pin and springs.
- Plastic parts made of engineering plastic for durability.
- Recommended Pressure 2.5 - 5.0 kg/cm² or 35 - 70Psi
- Recommended spacing up to 24m for higher distribution uniformity.
- Trajectory Angle: 22°

Application

- Suitable for Overtree irrigation of tea, coffee plantation, fodder crops and horticulture also for pastures.
- It can be applied to all kind of land and cultivation.

Nozzle Size: 10.32 x 5.55mm Pressure: 5.0kg/cm²

Distribution Curve



Performance Table

| Nozzle (mm) | Nozzle (Inch) | Pressure | | Coverage Diameter | | Discharge Rate | |
|--------------------|----------------------|--------------------|-------|-------------------|--------|----------------|-------|
| | | kg/cm ² | Psi | mtr. | ft. | LPM | GPM |
| 9.53 x 5.55 | 3/8" x 7/32" | 2.5 | 35.55 | 39 | 127.92 | 120.7 | 31.88 |
| | | 3.5 | 49.77 | 42 | 137.76 | 129.2 | 34.13 |
| | | 4.5 | 63.99 | 47.2 | 154.82 | 145.6 | 38.46 |
| | | 5 | 71.1 | 48.2 | 158.10 | 153.5 | 40.54 |
| 10.32 x 5.55 | 13/32" x 7/32" | 2.5 | 35.55 | 43 | 141.04 | 155.3 | 41.02 |
| | | 3.5 | 49.77 | 46 | 150.88 | 165.2 | 43.63 |
| | | 4.5 | 63.99 | 50.4 | 165.31 | 183 | 48.34 |
| | | 5 | 71.1 | 52.4 | 171.87 | 192.6 | 50.87 |
| 12.70 x 6.35 | 1/2" x 1/4" | 2.5 | 35.55 | 45 | 147.60 | 218.4 | 57.69 |
| | | 3.5 | 49.77 | 49 | 160.72 | 243.3 | 64.26 |
| | | 4.5 | 63.99 | 54.2 | 177.78 | 259.8 | 68.62 |
| | | 5 | 71.1 | 56 | 183.68 | 275.6 | 72.79 |
| 13.49 x 6.35 | 17/32" x 1/4" | 2.5 | 35.55 | 48 | 157.44 | 239.4 | 63.23 |
| | | 3.5 | 49.77 | 52 | 170.56 | 271.5 | 71.71 |
| | | 4.5 | 63.99 | 55.8 | 183.02 | 286.6 | 75.70 |
| | | 5 | 71.1 | 58 | 190.24 | 302.2 | 79.82 |

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

| Spacing | CU | DU | SC(5%) | APR |
|--------------|-----|-----|--------|------|
| R18.0 x 18.0 | 88% | 80% | 1.4 | 35 |
| R21.0 x 21.0 | 90% | 85% | 1.3 | 25.7 |
| R24.0 x 24.0 | 90% | 84% | 1.3 | 19.7 |

