

AQ-23

Overhead Sprinklers



Features

- Available in ½" Male threaded & ¾" Female Threaded
- Hot Chamber Pressure Die casted Zamac body & arm.
- Color coded nozzles for easy size identification.
- Nozzle Bayonet connection for easy service in field condtions.
- Nozzles with integrated stream straightening vane for long range.
- Pivot pin and Springs made of Stainless steel.
- Recommended Pressure 2.0 - 4.0 kg/cm² or 30 -55Psi
- Recommended spacing up to 12m for higher distribution uniformity.
- Trajectory Angle: 30°

Application

- All row crops irrigation compatible by overhead irrigation on solid set systems - portable or permanent.
- Use for fruit farming, nurseries and vegetable farming.

Performance Table

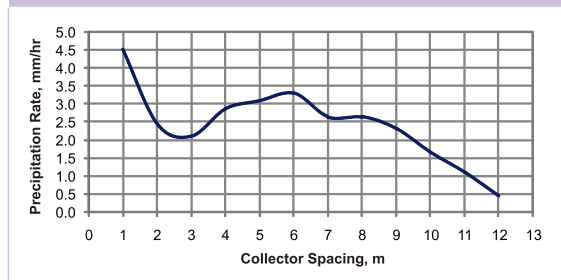
| Nozzle (mm) | Pressure | | Coverage Diameter | | Discharge Rate | |
|-------------|--------------------|-------|-------------------|-------|----------------|------|
| | kg/cm ² | Psi | mtr. | ft. | LPM | GPM |
| 2.9x1.8 | 2 | 28.44 | 21 | 68.88 | 10.08 | 2.66 |
| | 2.5 | 35.55 | 21.4 | 70.19 | 11.25 | 2.97 |
| | 3 | 42.66 | 21.8 | 71.50 | 12.33 | 3.26 |
| | 3.5 | 49.77 | 22 | 72.16 | 13.33 | 3.52 |
| | 4 | 56.88 | 22 | 72.16 | 14.17 | 3.74 |
| 3.2 x 1.8 | 2 | 28.44 | 21.8 | 71.50 | 11.94 | 3.15 |
| | 2.5 | 35.55 | 22.0 | 72.16 | 13.43 | 3.55 |
| | 3 | 42.66 | 22.4 | 73.47 | 14.78 | 3.90 |
| | 3.5 | 49.77 | 22.8 | 74.78 | 15.86 | 4.19 |
| | 4 | 56.88 | 23.2 | 76.10 | 17.13 | 4.53 |
| 3.5 x 2.4 | 2 | 28.44 | 22.0 | 72.16 | 16.67 | 4.40 |
| | 2.5 | 35.55 | 22.6 | 74.13 | 18.91 | 5.00 |
| | 3 | 42.66 | 23.0 | 75.44 | 20.83 | 5.50 |
| | 3.5 | 49.77 | 23.2 | 76.10 | 22.50 | 5.94 |
| | 4 | 56.88 | 23.6 | 77.41 | 24.17 | 6.38 |
| 4.0 x 2.4 | 2 | 28.44 | 22.4 | 73.47 | 19.08 | 5.04 |
| | 2.5 | 35.55 | 23.0 | 75.44 | 21.25 | 5.61 |
| | 3 | 42.66 | 23.4 | 76.75 | 23.58 | 6.23 |
| | 3.5 | 49.77 | 24.0 | 78.72 | 25.67 | 6.78 |
| | 4 | 56.88 | 24.4 | 80.03 | 27.50 | 7.26 |

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



Nozzle Size: 3.5 x 2.4mm Pressure: 3.0kg/cm²

Distribution Curve



| Spacing (m) | CU% | DU% | SC(5%) | APR |
|-------------|-----|-----|--------|------|
| 9 x 9 | 96% | 94% | 1.1 | 15.4 |
| 10 x 10 | 94% | 91% | 1.1 | 12.5 |
| 11 x 11 | 87% | 84% | 1.2 | 10.3 |
| 12 x 12 | 85% | 81% | 1.2 | 8.3 |



E-mail: contactus@automatworld.com
 Website: www.automatworld.com

Creating a Green World