

Acurain™ 501 LA, 502 LA

ACURAIN SPRINKLER



Under Tree Irrigation



Innovative Spreader Design

Integrated corrugated jet spreader for uniform distribution



Special Hammer for Rotation

Unique turbo hammer for uniform rotation



Different Flow Rates Available

Specially designed color coded nozzle for different flow rates



Neck Spring Protection Cover

Additional cover provided for neck spring protection



Easy to Assemble & Disassemble

For ease maintenance & inspection



Threaded Inlet Connection

Available in 1/2" male or 1/2" female BSP threaded connections

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Additional Features

- **Excellent water distribution:** Fine water droplets for delicate irrigation of all crops
- **Manufactured from special grade polymer material:** Components manufactured out of revolutionary polymers to achieve wear resistance and longer trouble free performance.
- **Excellent Precipitation:** Gentle precipitation, no damage to flowers / plants.
- **Quality Comes First:** Each batch is tested for stringent quality parameters.

Applications

- Recommended for Nurseries, Orchards and Greenhouses etc.

Operating Specifications

- Discharges : 81 to 359 lph
- Inlet Connection : 1/2" male & 1/2" female threaded
- Wetted diameter : 8.5 m to 15 m
- Recommended Pressure: 1.0 kg/cm² to 3.0 kg/cm²
- Nominal operating pressure is 1.0 kg/cm². Can be used for other pressure ratings after consulting company representative and due care for spacing and application rate.
- Easy to install with different mounting options, for details please refer to "Polyfittings & Accessories" section.

Performance Table - Acurain 501 LA

| Nozzle color (mm) | P (kg/cm ²) | Q (lph) | D (m) | MSH (cm) |
|-------------------|-------------------------|---------|-------|----------|
| 1.6 Red | 1 | 81 | 8.5 | 35 |
| | 2 | 117 | 11 | 60 |
| | 3 | 144 | 12 | 70 |
| 1.8* Green | 1 | 113 | 9 | 55 |
| | 2 | 160 | 11.5 | 60 |
| | 3 | 196 | 12.5 | 70 |
| 2.0 Blue | 1 | 135 | 9.5 | 45 |
| | 2 | 195 | 11.5 | 55 |
| | 3 | 236 | 13 | 70 |
| 2.2 Yellow | 1 | 153 | 9.5 | 60 |
| | 2 | 219 | 13 | 85 |
| | 3 | 267 | 15 | 95 |

Performance Table - Acurain 502 LA

| Nozzle color (mm) | P (kg/cm ²) | Q (lph) | D (m) | MSH (cm) |
|-------------------|-------------------------|---------|-------|----------|
| 2.5* Orange | 1 | 184 | 11 | 55 |
| | 2 | 263 | 12 | 85 |
| | 3 | 318 | 13 | 95 |
| 2.8* Brown | 1 | 209 | 12 | 60 |
| | 2 | 299 | 13 | 90 |
| | 3 | 359 | 14 | 105 |

*Standard nozzle

MSH = max. stream height (above nozzle)

Acurain 501 LA, 502 LA Assembly



Ordering Specifications

501 LA

| 5151 | X | XX |
|------|-----------------|-------------|
| | Thread Options | Nozzle (mm) |
| | 1/2" Male - 1 | 1.6 - 16 |
| | 1/2" Female - 2 | 1.8 - 18 |
| | | 2.0 - 20 |
| | | 2.2 - 22 |

Example : 5151116 refer to 501LA male threaded Sprinkler with 1.6 mm nozzle

Note: For Export market add "N" at end of code

502 LA

| 5152 | X | XX |
|------|-----------------|-------------|
| | Thread Options | Nozzle (mm) |
| | 1/2" Male - 3 | 2.5 - 05 |
| | 1/2" Female - 4 | 2.8 - 08 |

Example : 5152305 refer to 502LA male threaded Sprinkler with 2.5 mm nozzle.

Note: For Export market add "N" at end of code