

## Application

- **Orchards**
- **Pastures**
- **Vegetables**

*Tried and tested. Durable plastic construction, gives excellent overhead watering performance even in windy conditions.*

- Single or double jet impact sprinkler with 24° trajectory.
- Tough acetal body with stainless steel fulcrum pin and springs.
- Superior three washer bearing stack gives more reliable and consistent rotation.
- Improved rear jet design increases irrigation performance.
- Bayonet nozzles allow easy field service with no tools
- Rear jet inter-changeable with AR3 rear nozzle.

## Specifications

- Inlet: 20 mm MBSP.
- Flows: Range from 11.9 to 70.5 L/m.
- Diameters: 24 m to 35 m.
- Recommended Operating Pressure Range: 250 to 450 kPa
- Optimum pressures 300 to 350 kPa (shown shaded in grey)



The Model S-II Sprinkler is the workhorse of our extensive sprinkler range.

### Performance Chart - Single Jet

| Colour         | White              |         | Black              |         | Grey               |         | Green              |         | Orange             |         | Yellow             |         | Red                |         |
|----------------|--------------------|---------|--------------------|---------|--------------------|---------|--------------------|---------|--------------------|---------|--------------------|---------|--------------------|---------|
| Size (mm)      | 3.7                |         | 4.1                |         | 4.4                |         | 4.9                |         | 5.4                |         | 6.1                |         | 7.1                |         |
| Pressure (kPa) | Flow (L/m)         | Dia (m) | Flow (L/m)         | Dia (m) | Flow (L/m)         | Dia (m) | Flow (L/m)         | Dia (m) | Flow (L/m)         | Dia (m) | Flow (L/m)         | Dia (m) | Flow (L/m)         | Dia (m) |
| 200            | 11.9               | 24.9    | 14.6               | 25.8    | 16.8               | 26.7    | 20.0               | 27.3    | 25.2               | 29.0    | 31.5               | 30.0    | 41.5               | 31.4    |
| 250            | 13.2               | 26.0    | 16.3               | 27.4    | 18.8               | 27.8    | 22.5               | 28.9    | 28.2               | 30.2    | 35.3               | 31.7    | 46.5               | 33.1    |
| 300            | 14.5               | 26.5    | 17.8               | 27.8    | 20.5               | 28.8    | 24.7               | 29.6    | 31.0               | 31.7    | 38.8               | 33.4    | 50.7               | 34.4    |
| 350            | 15.5               | 27.0    | 19.3               | 27.6    | 22.2               | 29.4    | 26.7               | 30.6    | 33.5               | 32.1    | 42.2               | 34.0    | 54.7               | 32.4    |
| 400            | 16.5               | 27.5    | 20.8               | 28.0    | 23.7               | 29.5    | 28.5               | 31.0    | 35.5               | 32.9    | 45.0               | 34.7    | 58.5               | 32.2    |
| 450            | 17.7               | 27.8    | 22.2               | 28.6    | 25.2               | 30.1    | 30.0               | 31.0    | 37.7               | 32.6    | 47.3               | 35.2    | 62.2               | 33.0    |
| <b>Code</b>    | <b>10150033700</b> |         | <b>10150034100</b> |         | <b>10150034400</b> |         | <b>10150034900</b> |         | <b>10150035400</b> |         | <b>10150036100</b> |         | <b>10150037100</b> |         |

### Performance Chart - Double Jet

| Size (mm)      | 3.7 x 2.5          |         | 4.1 x 2.8          |         | 4.4 x 3.2          |         | 4.9 x 3.0          |         | 5.4 x 3.0          |         | 6.1 x 3.2          |         | 7.1 x 2.5          |         |
|----------------|--------------------|---------|--------------------|---------|--------------------|---------|--------------------|---------|--------------------|---------|--------------------|---------|--------------------|---------|
| Pressure (kPa) | Flow (L/m)         | Dia (m) | Flow (L/m)         | Dia (m) | Flow (L/m)         | Dia (m) | Flow (L/m)         | Dia (m) | Flow (L/m)         | Dia (m) | Flow (L/m)         | Dia (m) | Flow (L/m)         | Dia (m) |
| 200            | 14.7               | 24.2    | 17.3               | 25.7    | 21.7               | 26.0    | 25.5               | 27.4    | 30.7               | 28.4    | 38.0               | 29.4    | 42.0               | 29.0    |
| 250            | 16.3               | 25.1    | 19.5               | 26.6    | 24.2               | 27.5    | 28.5               | 28.5    | 33.8               | 30.3    | 42.3               | 31.5    | 52.5               | 31.8    |
| 300            | 18.0               | 25.8    | 21.3               | 27.1    | 26.5               | 28.2    | 31.0               | 29.8    | 37.0               | 31.4    | 46.5               | 31.8    | 57.5               | 32.6    |
| 350            | 19.5               | 25.8    | 23.0               | 27.6    | 28.7               | 28.4    | 33.8               | 29.9    | 40.2               | 31.6    | 50.5               | 31.4    | 62.3               | 32.4    |
| 400            | 21.0               | 26.6    | 24.7               | 27.8    | 30.7               | 28.9    | 36.0               | 30.0    | 43.0               | 31.8    | 53.6               | 32.7    | 66.5               | 31.9    |
| 450            | 22.5               | 27.6    | 26.2               | 27.7    | 32.5               | 28.8    | 38.3               | 29.8    | 45.5               | 32.1    | 56.8               | 31.6    | 70.5               | 31.3    |
| <b>Code</b>    | <b>10150033725</b> |         | <b>10150034128</b> |         | <b>10150034432</b> |         | <b>10150034930</b> |         | <b>10150035430</b> |         | <b>10150036132</b> |         | <b>10150037125</b> |         |

Note: Jet size in millimetres.

Codes Shaded in RED indicate ex factory models. All other combinations are made to order.

## ORDERING INFORMATION

| Code               | Description   |
|--------------------|---|
| <b>1015003</b>     | Model S-II Sprinkler body only                        |
| <b>SDA5003</b>     | Bearing, washer, spring kit                           |
| <b>10150034930</b> | Model S-II fitted with 4.9 x 3.0 mm jets (ex factory) |

See bottom of Performance Chart for all other made to order codes.

|        | Main Jet |         |         |         |         |         |         | Rear Jet |         |         |         |         |
|--------|----------|---------|---------|---------|---------|---------|---------|----------|---------|---------|---------|---------|
| Jet    | 3.7      | 4.1     | 4.4     | 4.9     | 5.4     | 6.1     | 7.1     | Blank    | 2.5     | 2.8     | 3.0     | 3.2     |
| Code   | 1015060  | 1015061 | 1015062 | 1015063 | 1015064 | 1015065 | 1015066 | 1015068  | 1015069 | 1015070 | 1015071 | 1015072 |
| Colour | White    | Black   | Grey    | Green   | Orange  | Yellow  | Red     | Black    | Green   | Orange  | Yellow  | Red     |