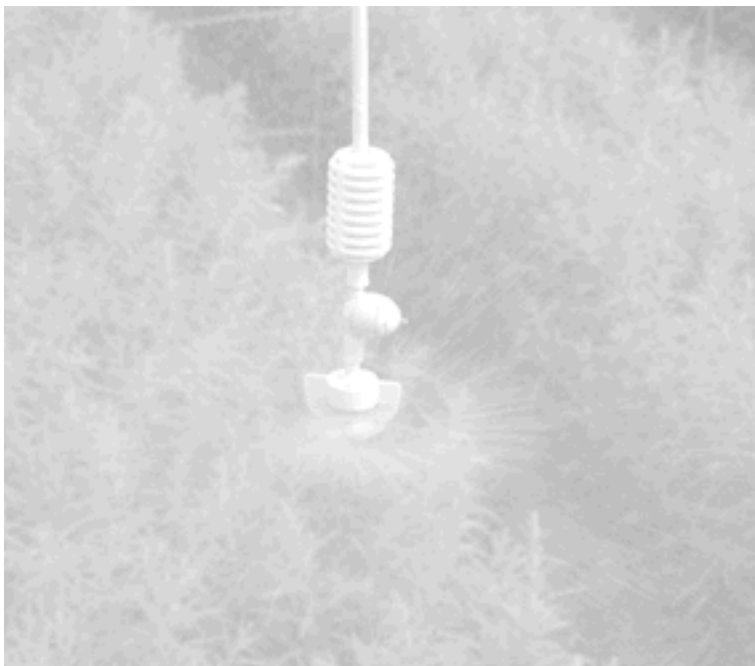
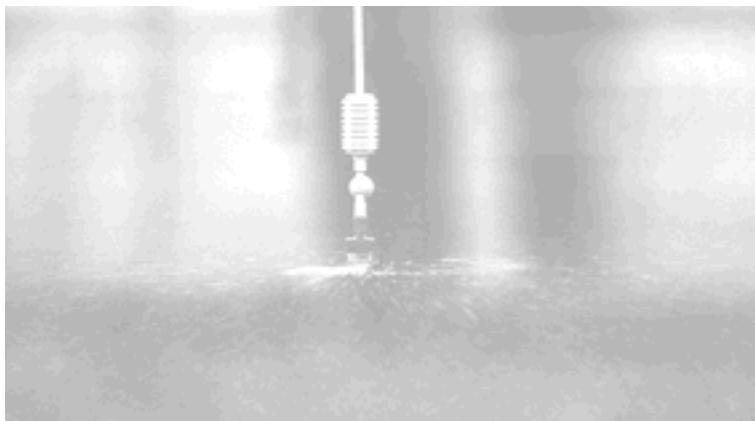


# SpinNet

For Greenhouses, Nurseries,  
Net-houses & Cooling Systems

- Bridgeless micro-sprinkler (no dripping)
- Flat and high trajectory
- Full overlap or strip irrigation
- Excellent distribution uniformity
- Acid resistant (AA)



## SpinNet parts

SD (Shoulder  
Distribution)  
connector

Nozzle

- Green swivel for extensive full overlap irrigation (standard)
- Green swivel with SD for strip irrigation
- Gray swivel for full overlap with flat trajectory

**SpinNet • Working pressure: 2.0 - 3.0 bar • Filtration: 120 mesh**

| Model     | Color code    | Pressure | Flow  | Nozzle Ø | Wetted Ø              | Trajectory             | Wetted Ø          | Trajectory             |
|-----------|---------------|----------|-------|----------|-----------------------|------------------------|-------------------|------------------------|
|           |               | (bar)    | (l/h) | (mm)     | gray flat swivel (m)* | height above head (cm) | green swivel (m)* | height above head (cm) |
|           |               | 2.0      | 62    |          |                       |                        |                   |                        |
| 70        | Black         | 2.5      | 70    | 1.07     | 6.00                  | 19                     | 7.50              | 37                     |
|           |               | 3.0      | 76    |          |                       |                        |                   |                        |
|           |               | 2.0      | 68    |          |                       |                        |                   |                        |
| SD120/70  | Red/Red       | 2.5      | 74    | 1.29     | 7.50                  | 20                     | 7.50              | 24                     |
|           |               | 3.0      | 79    |          |                       |                        |                   |                        |
|           |               | 2.0      | 81    |          |                       |                        |                   |                        |
| 90        | Orange        | 2.5      | 91    | 1.22     | 7.00                  | 25                     | 8.00              | 34                     |
|           |               | 3.0      | 100   |          |                       |                        |                   |                        |
|           |               | 2.0      | 87    |          |                       |                        |                   |                        |
| SD160/90  | Brown/Brown   | 2.5      | 90    | 1.50     | 7.50                  | 15                     | 8.00              | 20                     |
|           |               | 3.0      | 100   |          |                       |                        |                   |                        |
|           |               | 2.0      | 87    |          |                       |                        |                   |                        |
| SD200/90  | Yellow/Yellow | 2.5      | 94    | 1.50     | 7.00                  | 15                     | 8.00              | 20                     |
|           |               | 3.0      | 100   |          |                       |                        |                   |                        |
|           |               | 2.0      | 110   |          |                       |                        |                   |                        |
| 120       | Red           | 2.5      | 123   | 1.44     | 8.50                  | 25                     | 9.00              | 41                     |
|           |               | 3.0      | 135   |          |                       |                        |                   |                        |
|           |               | 2.0      | 118   |          |                       |                        |                   |                        |
| SD200/120 | Yellow        | 2.5      | 128   | 1.71     | 7.50                  | 15                     | 9.00              | 26                     |
|           |               | 3.0      | 137   |          |                       |                        |                   |                        |
|           |               | 2.0      | 159   |          |                       |                        |                   |                        |
| 160       | Brown         | 2.5      | 178   | 1.76     | 8.50                  | 18                     | 9.00              | 28                     |
|           |               | 3.0      | 195   |          |                       |                        |                   |                        |
|           |               | 2.0      | 180   |          |                       |                        |                   |                        |
| 200       | Yellow        | 2.5      | 202   | 1.86     | 9.00                  | 25                     | 10.00             | 28                     |
|           |               | 3.0      | 220   |          |                       |                        |                   |                        |

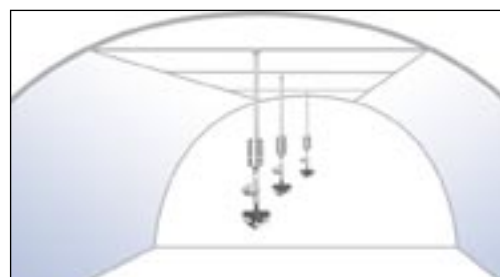
\* 180 cm. height above crop at 2.0 bar

**035**

|                                   |                        |  |   |   |   |   |  |
|-----------------------------------|------------------------|--|---|---|---|---|--|
|                                   |                        |  | - |   |   | - |  |
| Inlet conn.<br>Male, press<br>fit | Swivel                 | Flow   |   | Stand*<br>assembly  | Connector to<br>lateral pipe  |   | Accessories  |
|                                   | Flat.....1<br>SD.....2 | 70 l/h.....070<br>90 l/h.....090<br>120 l/h.....120<br>160 l/h.....160<br>SD120/70.....12070<br>SD160/90.....16090<br>SD200/120 . 200120<br>SD200/90.....20090 |   | UD stand . . . . . 00<br>UD stand, microtube<br>15 cm + stabilizer 15<br>UD stand, microtube<br>30 cm + stabilizer32<br>UD stand, microtube<br>60 cm + stabilizer35 | Male/barb (2 parts)<br>to PE pipe . . . . . 1<br>Male/threaded<br>3/8" conic (2<br>parts)<br>to PVC pipe . . . . . 2<br>Barb/barb (1 part)<br>to PE pipe. . . . . 8 |   | Anti Drain<br>valve<br>1.5/0.7.....6<br>Anti Drain<br>valve<br>2.0/0.9 ....7<br>Anti Drain<br>valve<br>3.0/1.5.....8 |

\* Standard micro-tube:  
SSPE 4\*6.5 ( )

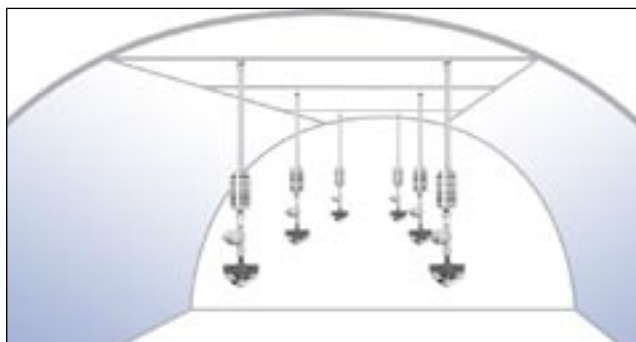
**Single line irrigation** in tunnel or greenhouse bay width 3.0-8.0 m



| Model   | Swivel | Nozzle  | Pressure (bar) | Distance between sprinklers (m) | Strip Width (m) | CU (%) | DU (%) | SC (5%) | Precipitation | Height (m) |
|---|--------|---------|----------------|---------------------------------|-----------------|--------|--------|---------|---------------|------------|
| Single line irrigation of 3.00 m tunnel or greenhouse bay |        |         |                |                                 |                 |        |        |         |               |            |
| SpinNet SD  | Green  | 120/70  | 2.00           | 1.50                            | 3.00            | 92%    | 90%    | 1.2     | 6.7           | 1.50       |
| SpinNet SD  | Green  | 120/70  | 2.00           | 1.00                            | 3.00            | 97%    | 95%    | 1.1     | 10.1          | 1.50       |
| SpinNet SD  | Green  | 160/70  | 2.00           | 0.80                            | 3.00            | 95%    | 93%    | 1.1     | 13.5          | 1.50       |
| SpinNet SD  | Gray   | 160/70  | 2.50           | 0.70                            | 3.00            | 97%    | 95%    | 1.1     | 16.5          | 1.50       |
| SpinNet SD  | Gray   | 160/70  | 2.00           | 0.80                            | 3.00            | 95%    | 95%    | 1.1     | 20.3          | 0.90       |
| 4.00 m tunnel or greenhouse bay                           |        |         |                |                                 |                 |        |        |         |               |            |
| SpinNet SD  | Green  | 120/70  | 2.00           | 1.40                            | 4.00            | 91%    | 87%    | 1.1     | 7.0           | 1.50       |
| SpinNet SD  | Green  | 120/70  | 2.00           | 1.00                            | 4.00            | 95%    | 92%    | 1.1     | 9.9           | 1.50       |
| SpinNet SD  | Gray   | 160/70  | 2.50           | 0.80                            | 4.00            | 97%    | 95%    | 1.1     | 15.0          | 1.80       |
| SpinNet SD  | Gray   | 200/120 | 2.50           | 1.10                            | 4.00            | 91%    | 86%    | 1.2     | 20.1          | 1.80       |
| SpinNet SD  | Green  | 200/120 | 2.00           | 0.80                            | 4.00            | 91%    | 91%    | 1.1     | 20.1          | 1.50       |
| Single line irrigation of 5.00 m tunnel or greenhouse bay |        |         |                |                                 |                 |        |        |         |               |            |
| SpinNet SD  | Green  | 120/70  | 2.00           | 1.20                            | 5.00            | 94%    | 90%    | 1.1     | 8.0           | 3.00       |
| SpinNet SD  | Green  | 120/70  | 2.00           | 1.00                            | 5.00            | 95%    | 91%    | 1.1     | 10.0          | 2.50       |
| SpinNet SD  | Green  | 200/120 | 2.00           | 1.20                            | 5.00            | 92%    | 89%    | 1.1     | 13.3          | 1.50       |
| SpinNet SD  | Green  | 200/120 | 2.00           | 1.00                            | 5.00            | 93%    | 91%    | 1.1     | 16.0          | 1.50       |
| SpinNet SD  | Green  | 200/120 | 2.00           | 0.80                            | 5.00            | 93%    | 92%    | 1.1     | 20.0          | 1.50       |
| Single line irrigation of 6.00 m tunnel or greenhouse bay |        |         |                |                                 |                 |        |        |         |               |            |
| SpinNet SD  | Green  | 120/70  | 2.00           | 1.10                            | 6.00            | 93%    | 90%    | 1.1     | 8.5           | 3.00       |
| SpinNet SD  | Green  | 160/90  | 2.50           | 1.40                            | 6.00            | 93%    | 90%    | 1.1     | 10.0          | 1.50       |
| SpinNet SD  | Green  | 160/90  | 2.50           | 1.10                            | 6.00            | 95%    | 92%    | 1.1     | 12.0          | 1.80       |
| SpinNet SD  | Green  | 200/120 | 2.00           | 1.00                            | 6.00            | 93%    | 92%    | 1.1     | 15.0          | 1.80       |
| SpinNet SD  | Green  | 200/120 | 2.50           | 1.00                            | 6.00            | 91%    | 90%    | 1.1     | 16.3          | 1.80       |
| Single line irrigation of 6.40 m tunnel or greenhouse bay |        |         |                |                                 |                 |        |        |         |               |            |
| SpinNet SD  | Green  | 120/70  | 2.00           | 1.20                            | 6.40            | 93%    | 90%    | 1.1     | 8.1           | 2.50       |
| SpinNet SD  | Green  | 200/120 | 2.00           | 1.50                            | 6.40            | 92%    | 90%    | 1.1     | 10.0          | 1.80       |
| SpinNet SD  | Green  | 160/90  | 2.50           | 1.10                            | 6.40            | 95%    | 92%    | 1.1     | 12.0          | 1.80       |
| SpinNet SD  | Green  | 200/120 | 2.00           | 1.00                            | 6.40            | 93%    | 92%    | 1.1     | 15.0          | 1.80       |
| SpinNet SD  | Green  | 200/90  | 2.00           | 0.70                            | 6.40            | 91%    | 89%    | 1.1     | 19.1          | 2.00       |
| Single line irrigation of 7.00 m tunnel or greenhouse bay |        |         |                |                                 |                 |        |        |         |               |            |
| SpinNet SD  | Green  | 120/70  | 2.00           | 1.30                            | 7.00            | 93%    | 89%    | 1.1     | 7.5           | 2.50       |
| SpinNet SD  | Green  | 160/90  | 2.00           | 1.20                            | 7.00            | 95%    | 93%    | 1.1     | 10.1          | 3.00       |
| SpinNet SD  | Green  | 160/90  | 2.00           | 1.00                            | 7.00            | 94%    | 89%    | 1.1     | 12.6          | 2.00       |
| SpinNet SD  | Green  | 200/120 | 2.00           | 1.00                            | 7.00            | 89%    | 89%    | 1.1     | 15.5          | 3.00       |
| SpinNet SD  | Green  | 200/90  | 2.00           | 0.70                            | 7.00            | 90%    | 85%    | 1.1     | 18.7          | 2.00       |
| Single line irrigation of 8.00 m tunnel or greenhouse bay |        |         |                |                                 |                 |        |        |         |               |            |
| SpinNet SD  | Green  | 120/70  | 2.00           | 1.30                            | 8.00            | 93%    | 89%    | 1.1     | 7.0           | 3.00       |
| SpinNet SD  | Green  | 160/90  | 2.00           | 1.00                            | 8.00            | 95%    | 92%    | 1.1     | 12.0          | 3.00       |
| SpinNet SD  | Green  | 200/120 | 2.00           | 1.00                            | 8.00            | 88%    | 83%    | 1.2     | 15.0          | 3.00       |

**Note:** All distribution uniformities results are in laboratory conditions according to Winspace method.

## Double line irrigation in tunnel or greenhouse bay width 8.0-14.0 m



| Model  | Swivel | Nozzle  | Pressure (bar) | Distance between sprinklers (m) | Distance between lines (m) | Strip Width (m) | CU (%) | DU (%) | SC (5%) | Precipitation | Height (m) |
|--|--------|---------|----------------|---------------------------------|----------------------------|-----------------|--------|--------|---------|---------------|------------|
| Double line irrigation of 7.00 m tunnel or greenhouse bay  |        |         |                |                                 |                            |                 |        |        |         |               |            |
| SpinNet SD   | Gray   | 200/90  | 2.50           | 1.00                            | 5.10                       | 7.00            | 90%    | 88%    | 1.2     | 19.50         | 1.50       |
| SpinNet SD   | Gray   | 200/90  | 2.50           | 1.00                            | 5.20                       | 7.00            | 91%    | 88%    | 1.2     | 19.30         | 1.50       |
| Double line irrigation of 8.00 m tunnel or greenhouse bay  |        |         |                |                                 |                            |                 |        |        |         |               |            |
| SpinNet SD   | Gray   | 120/70  | 2.50           | 1.70                            | 5.20                       | 8.00            | 89%    | 88%    | 1.1     | 8.00          | 1.80       |
| SpinNet SD   | Gray   | 120/70  | 2.50           | 1.10                            | 5.40                       | 8.00            | 92%    | 89%    | 1.1     | 12.00         | 1.80       |
| SpinNet SD   | Gray   | 120/70  | 2.50           | 1.00                            | 5.00                       | 8.00            | 90%    | 89%    | 1.1     | 14.00         | 1.50       |
| SpinNet SD   | Gray   | 200/90  | 2.50           | 1.00                            | 5.30                       | 8.00            | 92%    | 88%    | 1.1     | 18.90         | 1.50       |
| Double line irrigation of 9.00 m tunnel or greenhouse bay  |        |         |                |                                 |                            |                 |        |        |         |               |            |
| SpinNet SD   | Green  | 160/90  | 2.00           | 1.20                            | 7.20                       | 9.00            | 93%    | 91%    | 1.1     | 10.70         | 2.00       |
| SpinNet SD   | Gray   | 120/70  | 2.50           | 1.10                            | 5.40                       | 9.00            | 92%    | 88%    | 1.1     | 12.00         | 1.50       |
| SpinNet SD   | Green  | 160/90  | 2.00           | 1.00                            | 7.30                       | 9.00            | 91%    | 90%    | 1.1     | 15.50         | 1.80       |
| SpinNet SD   | Gray   | 200/120 | 2.50           | 1.10                            | 5.70                       | 9.00            | 92%    | 88%    | 1.1     | 20.80         | 1.80       |
| Double line irrigation of 10.00 m tunnel or greenhouse bay |        |         |                |                                 |                            |                 |        |        |         |               |            |
| SpinNet SD   | Green  | 160/90  | 2.00           | 1.40                            | 7.10                       | 10.00           | 93%    | 89%    | 1.1     | 9.20          | 2.00       |
| SpinNet SD   | Green  | 160/90  | 2.00           | 1.50                            | 7.40                       | 10.00           | 91%    | 89%    | 1.1     | 10.20         | 1.80       |
| SpinNet SD   | Green  | 160/90  | 2.00           | 1.20                            | 7.40                       | 10.00           | 91%    | 90%    | 1.1     | 12.70         | 1.80       |
| Double line irrigation of 12.00 m tunnel or greenhouse bay |        |         |                |                                 |                            |                 |        |        |         |               |            |
| SpinNet SD   | Green  | 160/90  | 2.00           | 1.40                            | 7.20                       | 12.00           | 92%    | 88%    | 1.1     | 9.10          | 2.00       |
| SpinNet SD   | Green  | 160/90  | 2.50           | 1.10                            | 7.30                       | 12.00           | 95%    | 92%    | 1.1     | 12.00         | 1.80       |
| SpinNet SD   | Green  | 200/120 | 2.00           | 0.80                            | 7.00                       | 12.00           | 90%    | 90%    | 1.1     | 19.50         | 1.80       |
| Double line irrigation of 14.00 m tunnel or greenhouse bay |        |         |                |                                 |                            |                 |        |        |         |               |            |
| SpinNet SD   | Green  | 160/90  | 2.50           | 1.40                            | 7.40                       | 14.00           | 93%    | 89%    | 1.1     | 9.30          | 1.80       |
| SpinNet SD   | Green  | 160/90  | 2.50           | 1.10                            | 7.30                       | 14.00           | 95%    | 92%    | 1.1     | 12.00         | 1.80       |
| SpinNet SD   | Green  | 160/90  | 2.50           | 0.80                            | 7.00                       | 14.00           | 93%    | 91%    | 1.1     | 16.70         | 1.80       |
| SpinNet SD   | Green  | 160/90  | 2.50           | 0.70                            | 7.00                       | 14.00           | 92%    | 90%    | 1.1     | 19.20         | 1.80       |

**Note:** All distribution uniformities results are in laboratory conditions according to Winspace method.

## Full house irrigation



| Model   | Swivel | Nozzle boquilla | Sprinkler position | Pressure (bar) | Distance between sprinklers (m) | Distance between lines (m) | CU % | DU % | SC (5%) | Precipitation (mm/h) | Height (m) |
|---------|--------|-----------------|--------------------|----------------|---------------------------------|----------------------------|------|------|---------|----------------------|------------|
| SpinNet | Green  | 160             | Triangular         | 2.50           | 5.50                            | 5.10                       | 93%  | 90%  | 1.1     | 5.20                 | 1.80       |
| SpinNet | Green  | 200             | Triangular         | 2.00           | 5.90                            | 5.10                       | 94%  | 90%  | 1.1     | 5.50                 | 1.80       |
| SpinNet | Green  | 70              | Rectangular        | 2.00           | 2.30                            | 4.90                       | 93%  | 91%  | 1.1     | 5.00                 | 1.80       |
| SpinNet | Gray   | 90              | Rectangular        | 2.50           | 3.50                            | 4.00                       | 91%  | 89%  | 1.1     | 6.00                 | 1.80       |
| SpinNet | Green  | 200             | Triangular         | 2.00           | 5.50                            | 5.00                       | 96%  | 95%  | 1.1     | 6.00                 | 1.80       |
| SpinNet | Green  | 120             | Rectangular        | 2.00           | 5.30                            | 2.60                       | 95%  | 93%  | 1.1     | 7.00                 | 1.80       |
| SpinNet | Green  | 120             | Rectangular        | 2.00           | 2.60                            | 5.30                       | 95%  | 93%  | 1.1     | 7.00                 | 1.80       |
| SpinNet | Green  | 120             | Rectangular        | 2.00           | 2.40                            | 4.50                       | 96%  | 94%  | 1.1     | 9.00                 | 1.80       |
| SpinNet | Green  | 120             | Rectangular        | 2.00           | 4.20                            | 2.30                       | 95%  | 92%  | 1.1     | 10.00                | 1.80       |
| SpinNet | Green  | 120             | Rectangular        | 2.00           | 2.30                            | 4.20                       | 95%  | 92%  | 1.1     | 10.00                | 1.80       |
| SpinNet | Green  | 120             | Rectangular        | 2.00           | 2.00                            | 4.00                       | 94%  | 91%  | 1.1     | 12.10                | 1.80       |
| SpinNet | Gray   | 160             | Triangular         | 2.50           | 3.30                            | 4.00                       | 94%  | 92%  | 1.1     | 12.10                | 1.80       |
| SpinNet | Gray   | 120             | Rectangular        | 3.00           | 3.50                            | 2.60                       | 93%  | 90%  | 1.1     | 14.00                | 1.80       |
| SpinNet | Gray   | 120             | Rectangular        | 3.00           | 2.60                            | 3.50                       | 93%  | 90%  | 1.1     | 14.00                | 1.80       |
| SpinNet | Gray   | 120             | Rectangular        | 3.00           | 2.40                            | 3.80                       | 93%  | 90%  | 1.1     | 14.00                | 1.80       |
| SpinNet | Gray   | 200             | Triangular         | 2.50           | 4.00                            | 3.50                       | 91%  | 90%  | 1.1     | 14.00                | 1.80       |
| SpinNet | Gray   | 200             | Triangular         | 2.50           | 3.40                            | 4.10                       | 92%  | 90%  | 1.1     | 14.00                | 1.80       |
| SpinNet | Gray   | 200             | Triangular         | 2.50           | 3.10                            | 4.50                       | 92%  | 90%  | 1.1     | 14.00                | 1.80       |
| SpinNet | Gray   | 160             | Triangular         | 2.50           | 5.20                            | 2.20                       | 94%  | 90%  | 1.1     | 14.00                | 1.80       |
| SpinNet | Gray   | 160             | Triangular         | 2.50           | 4.40                            | 2.60                       | 94%  | 90%  | 1.1     | 14.00                | 1.80       |
| SpinNet | Green  | 160             | Triangular         | 2.50           | 2.20                            | 3.80                       | 92%  | 91%  | 1.1     | 17.50                | 1.80       |
| SpinNet | Gray   | 200             | Triangular         | 2.50           | 3.10                            | 3.60                       | 94%  | 92%  | 1.1     | 17.50                | 1.80       |

**Note:** All distribution uniformities results are in laboratory conditions according to Winspace method.