

# SpinNet™

A bridge-free micro-sprinkler, for upside-down irrigation in greenhouses, tunnels and net-houses for superior water distribution uniformity.



Superior  
Uniformity



Bridge-Free  
Micro-Sprinkler



Multiple  
Configurations

Applications



Upside-Down  
Irrigation



Full Coverage  
Irrigation

## Benefits & Features

### High and uniform yield

- ✓ **Superior water distribution uniformity for full coverage irrigation.** Achieved thanks to the unique design of the SpinNet micro-sprinkler. With a variety of rotors and nozzles that provide different flow rates, and different water profiles to fit completely the plant needs
- ✓ **Shadow-less operation** - Assure a uniform irrigation even below the emitter itself

### Keep your crop from drips damage

- ✓ **Drip-less micro-sprinkler** - SpinNet is designed as a bridge-free micro-sprinkler, preventing drips on the plants located below in a upside-down irrigation to avoid plant damages
- ✓ **Controlled start & stop operation** - With the Reliable anti-drain (AD) valves, all the SpinNet micro-sprinklers, start and stop simultaneously, and prevent distribution pipe drainage and dripping

### Durability and low maintenance

- ✓ **High quality & resistant.** Made of a highest quality material makes it durable and resistant. The integration of acid resistant plastics enables the use of acid treatment, standard agrochemicals and nutrients
- ✓ **Easy to maintain** - The components are interchangeable. Flushing for maintenance can be done easily. The SpinNet components can be disassembled manually, no tools needed

## Specs. & Recommendations

- **7 different flow rates:** 50, 70, 90, 105, 120, 160, 200 L/H
- **Pressure range:** 2.0 to 3.0 bar (at the sprinkler head)
- **Nominal pressure:** 2.3 bar
- **Inlet connection:** Press fit
- **3 different rotors:**
  - **LR** - Long Range. High trajectory angle. Green rotor
  - **FLT** - Flat distribution. Grey rotor
  - **SR** - Short Range. Low trajectory angle. Blue rotor
- Color coded nozzles for easy flow identification
- SpinNet™ micro-sprinklers meet ISO 8026 standards (SI 1406) with production certified by the Israel Standards Institute (SII)
- **Filtration recommendations:** 130 micron / 120 mesh

**\*Note:** Filtration method shall be selected based on the type and concentration of the dirt particles contained in the water. Wherever sand exceeding 2 ppm exists in the water, a Hydrocyclone shall be installed before the main filter. Wherever sand/ silt/ clay solids exceed 100 ppm, pre-treatment shall be applied according to Netafim™ instructions



## → PERFORMANCE TABLE

| MODEL | NOZZLE CODE COLOR | NOZZLE SIZE (MM) | RECOMMENDED WORKING PRESSURE (BAR) | CONSTANT K | EXPONENT X | WETTED DIAMETER (M) WITH LR GREEN SWIVEL (1.8M ABOVE SURFACE) | WETTED DIAMETER (M) WITH FLT FLAT SWIVEL (1.8M ABOVE SURFACE) | WETTED DIAMETER (M) WITH SR BLUE SWIVEL (1.8M ABOVE SURFACE) |
|-------|-------------------|------------------|------------------------------------|------------|------------|---------------------------------------------------------------|---------------------------------------------------------------|--------------------------------------------------------------|
| 050   | GREEN             | 0.90             | 2.0 TO 3.0                         | 10.5       | 0.5        | NOT APPLICABLE                                                | NOT APPLICABLE                                                | 6.0                                                          |
| 070   | BLACK             | 1.07             | 2.0 TO 3.0                         | 14.0       | 0.5        | 8.0                                                           | 6.0                                                           | 6.0                                                          |
| 090   | ORANGE            | 1.22             | 2.0 TO 3.0                         | 18.9       | 0.5        | 8.5                                                           | 7.0                                                           | 6.5                                                          |
| 105   | SKY BLUE          | 1.32             | 2.0 TO 3.0                         | 21.9       | 0.5        | 8.5                                                           | 7.5                                                           | 6.5                                                          |
| 120   | RED               | 1.44             | 2.0 TO 3.0                         | 25.0       | 0.5        | 9.5                                                           | 7.5                                                           | 6.5                                                          |
| 160   | BROWN             | 1.76             | 2.0 TO 3.0                         | 33.6       | 0.5        | 10.0                                                          | 8.5                                                           | 7.5                                                          |
| 200   | YELLOW            | 1.86             | 2.0 TO 3.0                         | 41.4       | 0.5        | 10.5                                                          | 8.5                                                           | 7.5                                                          |

\* Wetted diameter defined be application rate equal or above 0.26mm/h

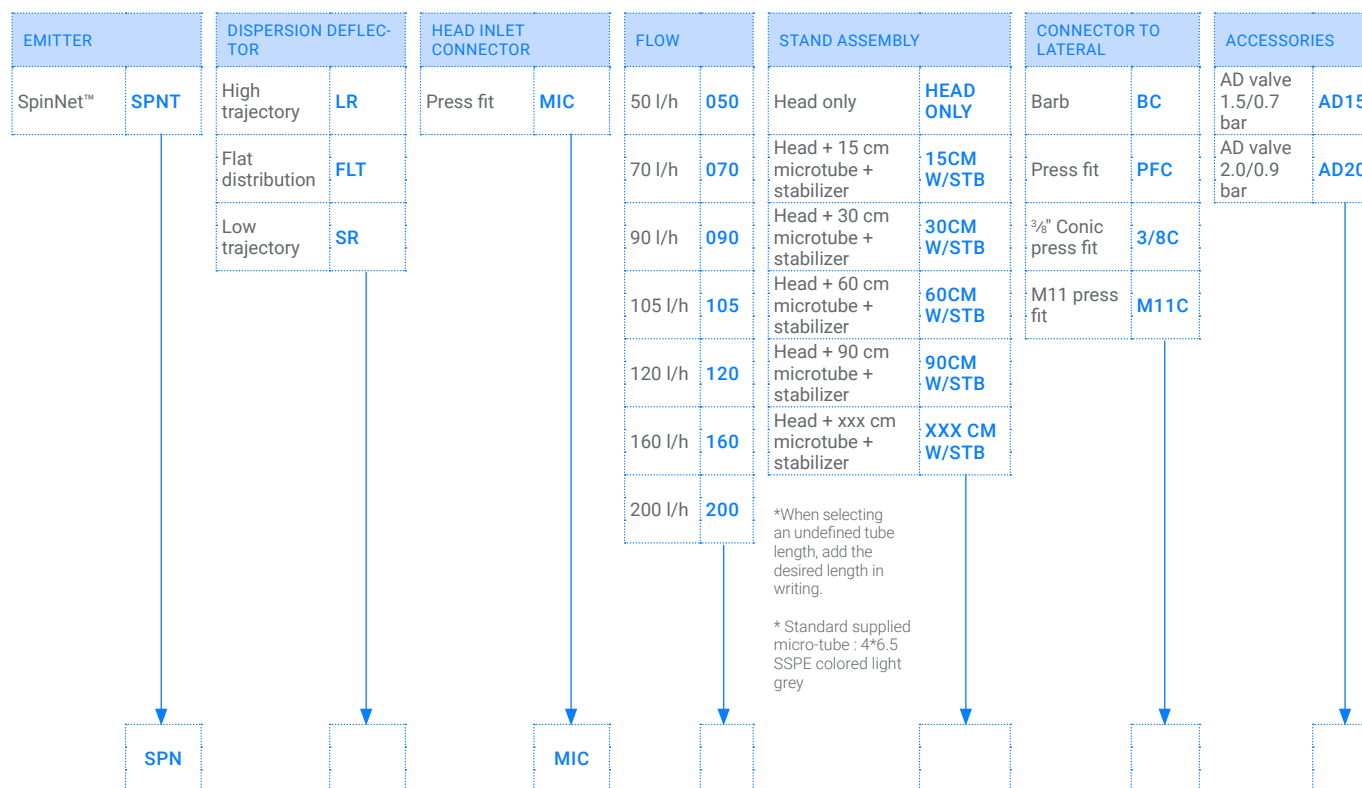
## → PACKAGE DATA

| SPINNET™                                             | QTY. P/BOX UNITS | BOX SIZE (CM X CM X CM) | BOX WEIGHT (KG) | BOXES P/PALLET | TOTAL UNITS P/PALLET | PALLET WEIGHT (KG) |
|------------------------------------------------------|------------------|-------------------------|-----------------|----------------|----------------------|--------------------|
| HEAD ONLY                                            | 1500             | 28 X 28 X 57            | 11.5            | 32             | 48000                | 380                |
| COMPLETE STAND, 15 CM TUBE W/STABILIZER AND AD VALVE | 200              | 28 X 28 X 57            | 13.1            | 32             | 6400                 | 419                |
| COMPLETE STAND, 30 CM TUBE W/STABILIZER AND AD VALVE | 200              | 28 X 28 X 57            | 14.8            | 32             | 6400                 | 486                |
| COMPLETE STAND, 60 CM TUBE W/STABILIZER AND AD VALVE | 150              | 18 X 34 X 79            | 12.4            | 20             | 2000                 | 249                |
| COMPLETE STAND, 90 CM TUBE W/STABILIZER AND AD VALVE | 200              | 28 X 27 X 113           | 15.8            | 16             | 3200                 | 253                |

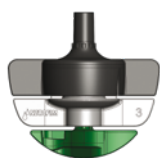
## → ORDERING INFORMATION

Flowchart to determine the desired product definition

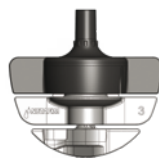
**How to use:** To determine the desired product definition select one of every set of options displayed on the chart.



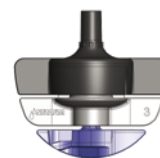
## → CATALOG NUMBERS



SpinNet™ LR,  
GREEN SWIVEL



SpinNet™ FLT,  
GREY SWIVEL



SpinNet™ SR,  
BLUE SWIVEL

| MODEL &<br>NOZZLE COLOR | LR           |               | FLT          |               | SR           |               |
|-------------------------|--------------|---------------|--------------|---------------|--------------|---------------|
|                         | 1 UNIT       | 100 UNITS/BAG | 1 UNIT       | 100 UNITS/BAG | 1 UNIT       | 100 UNITS/BAG |
| 050 / GREEN             | N/A          | N/A           | N/A          | N/A           | 64200-023000 | 64200-023010  |
| 070 / BLACK             | 64200-010000 | 64200-010020  | 64200-005000 | 64200-005002  | 64200-024000 | 64200-024020  |
| 090 / ORANGE            | 64200-013000 | 64200-013020  | 64200-006000 | 64200-006010  | 64200-025000 | 64200-025020  |
| 105 / SKY BLUE          | 64200-017400 | -             | 64200-006900 | -             | 64200-025500 | -             |
| 120 / RED               | 64200-017500 | 64200-017520  | 64200-007000 | 64200-007010  | 64200-026000 | 64200-026020  |
| 160 / BROWN             | 64200-020000 | 64200-020020  | 64200-007500 | 64200-007510  | 64200-027000 | 64200-027020  |
| 200 / YELLOW            | 64200-021300 | 64200-021320  | 64200-008000 | 64200-008005  | 64200-028000 | 64200-028020  |

## → SpinNet™ ASSEMBLY STANDS

SpinNet™, UD STAND, LR SWIVEL, FLOW YYY, MICRO-TUBE LENGTH XXX, STABILIZER, BARB CONNECTOR TO LATERAL PIPE, AD VALVE 20

| 1*  | 2*    | 15 CM        | 30 CM        | 60 CM        | 90 CM        |
|-----|-------|--------------|--------------|--------------|--------------|
| 070 | GREEN | 64200-010101 | 64200-010400 | 64200-010180 |              |
| 090 |       |              | 64200-013600 |              |              |
| 105 |       |              |              |              |              |
| 120 |       |              | 64200-018200 |              |              |
| 160 |       |              | 64200-020800 |              |              |
| 200 |       |              | 64200-022000 |              | 64200-022500 |

1. Model & regulation chamber color  
2. Swivel color

SpinNet™, UD STAND, LR SWIVEL, FLOW YYY, MICRO-TUBE LENGTH XXX, STABILIZER, BARB CONNECTOR TO LATERAL PIPE AND AD VALVE 15

| 1*  | 2*    | 15 CM        | 30 CM        | 60 CM        | 90 CM |
|-----|-------|--------------|--------------|--------------|-------|
| 070 | GREEN | 64200-010110 | 64200-010350 | 64200-010160 |       |
| 090 |       |              | 64200-013150 | 64200-013185 |       |
| 105 |       |              |              |              |       |
| 120 |       |              | 64200-017660 |              |       |
| 160 |       |              |              |              |       |
| 200 |       |              |              |              |       |

1. Model & regulation chamber color  
2. Swivel color

SpinNet™, UD STAND, LR SWIVEL, FLOW YYY, MICRO-TUBE LENGTH XXX, STABILIZER, PRESS-FIT CONNECTOR TO LATERAL PIPE, AD VALVE 20

| 1*  | 2*    | 15 CM        | 30 CM        | 60 CM        | 90 CM |
|-----|-------|--------------|--------------|--------------|-------|
| 070 | GREEN | 64200-010200 | 64200-010410 | 64200-010170 |       |
| 090 |       | 64200-013300 | 64200-013320 |              |       |
| 105 |       |              |              |              |       |
| 120 |       | 64200-017800 | 64200-018250 |              |       |
| 160 |       | 64200-020105 | 64200-020910 |              |       |
| 200 |       | 64200-021600 | 64200-022100 |              |       |

1. Model & regulation chamber color  
2. Swivel color

SpinNet™, UD STAND, LR SWIVEL, FLOW YYY, MICRO-TUBE LENGTH XXX, STABILIZER, PRESS-FIT CONNECTOR TO LATERAL PIPE AND AD VALVE 15

| 1*  | 2*    | 15 CM        | 30 CM        | 60 CM        | 90 CM |
|-----|-------|--------------|--------------|--------------|-------|
| 070 | GREEN | 64200-010100 | 64200-010360 | 64200-010150 |       |
| 090 |       | 64200-013100 | 64200-013155 | 64200-013180 |       |
| 105 |       |              |              |              |       |
| 120 |       | 64200-017600 | 64200-017650 | 64200-017700 |       |
| 160 |       | 64200-020100 | 64200-020190 | 64200-021500 |       |
| 200 |       | 64200-021400 | 64200-021450 |              |       |

1. Model & regulation chamber color  
2. Swivel color

SpinNet™, UD STAND, FLT SWIVEL, FLOW YYY, MICRO-TUBE LENGTH XXX, STABILIZER, BARB CONNECTOR TO LATERAL PIPE, AD VALVE 20

| 1*  | 2*         | 15 CM        | 30 CM        | 60 CM        | 90 CM        |
|-----|------------|--------------|--------------|--------------|--------------|
| 070 | LIGHT GREY | 64200-005009 | 64200-005100 | 64200-005120 | 64200-005400 |
| 090 |            |              | 64200-006100 | 64200-006145 |              |
| 105 |            |              |              |              |              |
| 120 |            |              | 64200-007100 | 64200-007120 | 64200-007320 |
| 160 |            |              | 64200-007750 |              |              |
| 200 |            |              | 64200-008100 |              |              |

1. Model & regulation chamber color  
2. Swivel color

SpinNet™, UD STAND, FLT SWIVEL, FLOW YYY, MICRO-TUBE LENGTH XXX, STABILIZER, BARB CONNECTOR TO LATERAL PIPE AND AD VALVE 15

| 1*  | 2*         | 15 CM        | 30 CM        | 60 CM        | 90 CM        |
|-----|------------|--------------|--------------|--------------|--------------|
| 070 | LIGHT GREY | 64200-005008 | 64200-005005 | 64200-005032 | 64200-005050 |
| 090 |            |              | 64200-006032 | 64200-006050 | 64200-006065 |
| 105 |            |              |              |              |              |
| 120 |            | 64200-007017 | 64200-007027 | 64200-007037 |              |
| 160 |            |              |              |              | 64200-007710 |
| 200 |            |              |              |              |              |

1. Model & regulation chamber color  
2. Swivel color