

# 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 applocation rate equal or above 0.26mm/h

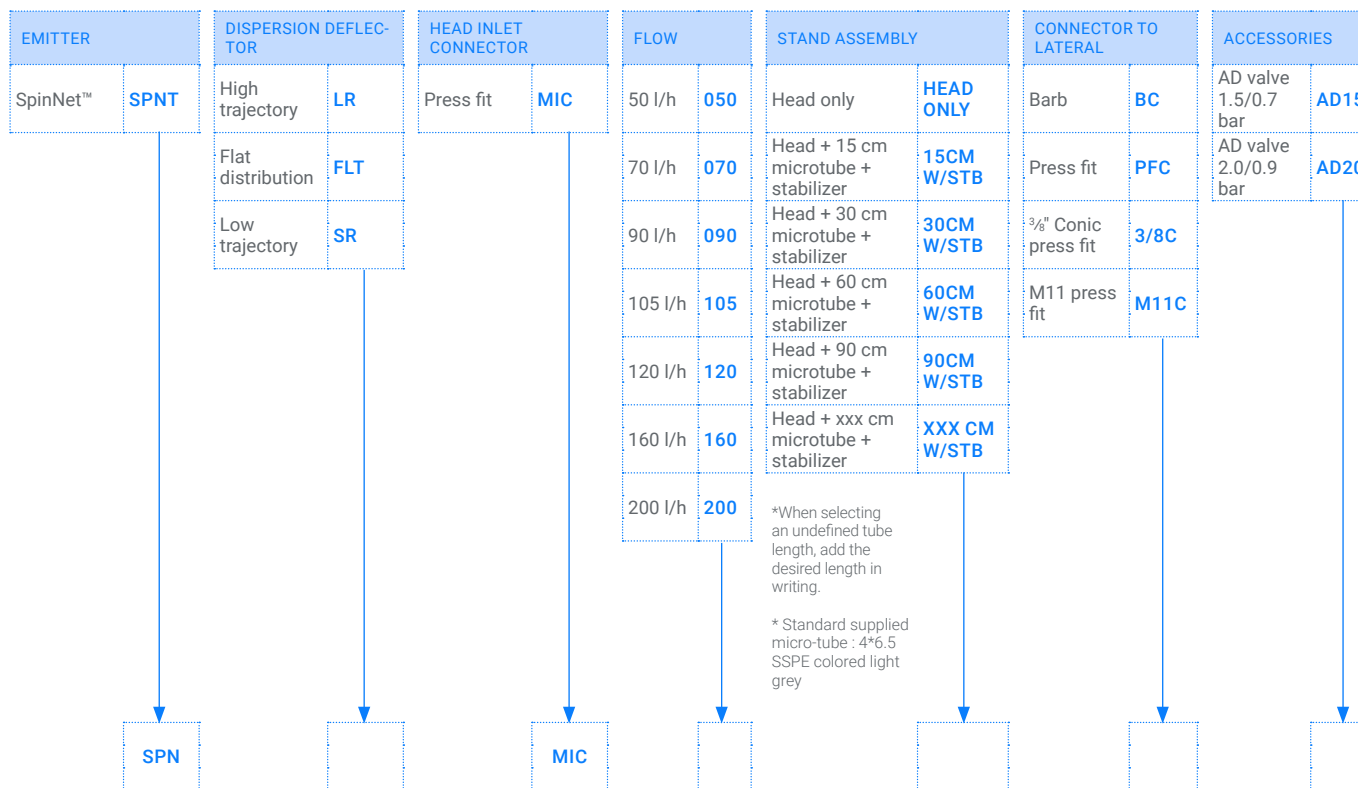
→ PACKAGE DATA

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 & 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