

# 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

## 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. Offering a variety of rotors and nozzles that provide different flow rates, and different water profiles to perfectly fit the plant needs
- ✓ **Shadow-less operation** - Assure a uniform irrigation even below the emitter itself

### Protects your crop from dripping damage

- ✓ **Drip-less micro-sprinkler** - SpinNet is designed as a bridge-free micro-sprinkler, preventing dripping on the plants located below in an 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 application of acid treatment, standard agrochemicals and nutrients
- ✓ **Easy to maintain** - The components are interchangeable. Flushing for maintenance can be applied 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. Gray 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.
- Filtration method is to be selected based on the kind and concentration of the dirt particles existing in the water. Wherever sand exceeding 2 ppm exists in the water, a Hydrocyclone is to be installed before the main filter. When sand/ silt/ clay solids exceed 100 ppm, pretreatment will be applied according to Netafim™ expert team's 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 by application rate equal or above 0.26mm/h

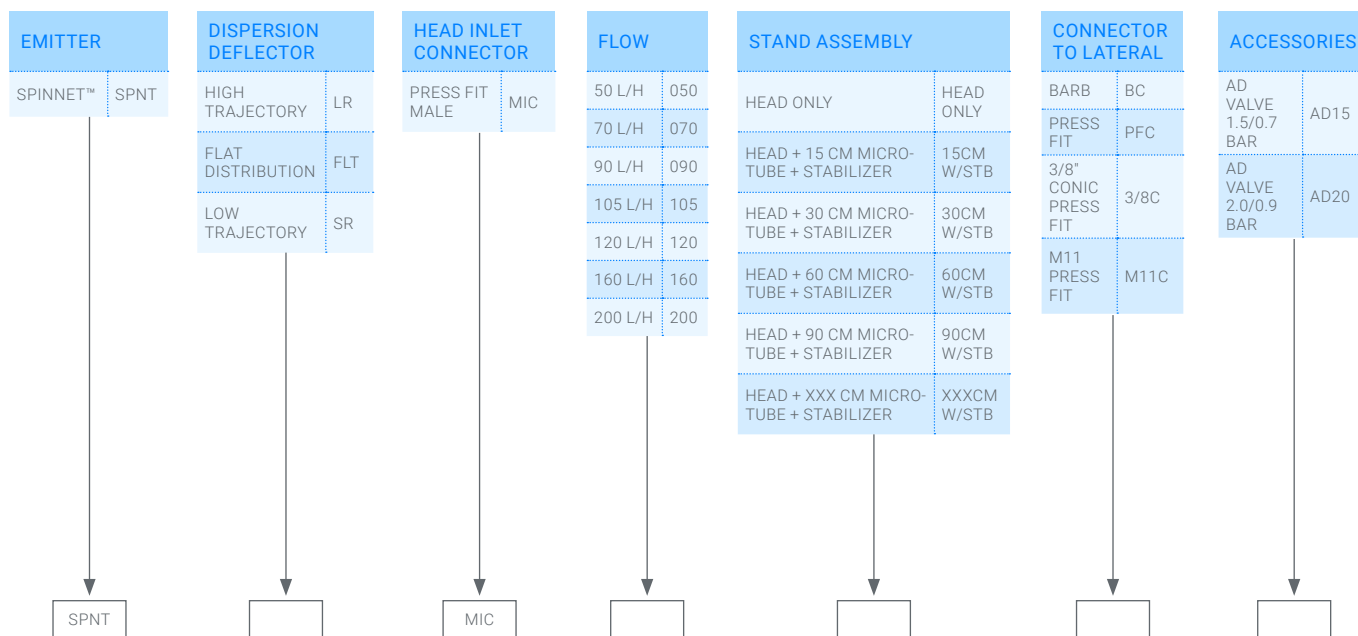
→ PACKAGE DATA

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

→ CONFIGURATOR

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.



\* Standard supplied micro-tube : 4\*6.5 SSPE colored light gray

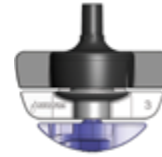
→ CATALOG NUMBERS



SPINNET™ LR,  
GREEN SWIVEL



SPINNET™ FLT,  
GRAY SWIVEL



SPINNET™ SR,  
BLUE SWIVEL

MODEL	LR		FLT		SR	
	1 UNIT	100 UNITS/BAG	1 UNIT	100 UNITS/BAG	1 UNIT	100 UNITS/BAG
050	N/A	N/A	N/A	N/A	64200-023000	64200-023010
070	64200-010000	64200-010020	64200-005000	64200-005002	64200-024000	64200-024020
090	64200-013000	64200-013020	64200-006000	64200-006010	64200-025000	64200-025020
105	64200-017400	-	64200-006900	-	64200-025500	-
120	64200-017500	64200-017520	64200-007000	64200-007010	64200-026000	64200-026020
160	64200-020000	64200-020020	64200-007500	64200-007510	64200-027000	64200-027020
200	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

MODEL	15 CM	30 CM	60 CM	90 CM
070		64200-010400	64200-010180	
090		64200-013600		
105				
120		64200-018200		
160		64200-020800		
200		64200-022000		64200-022500

SpinNet™, UD stand, LR swivel, Flow YYY, micro-tube length XXX, stabilizer, press-fit connector to lateral pipe, AD valve 20

MODEL	15 CM	30 CM	60 CM	90 CM
070	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		

SpinNet™, UD stand, FLT swivel, Flow YYY, micro-tube length XXX, stabilizer, barb connector to lateral pipe, AD valve 20

MODEL	15 CM	30 CM	60 CM	90 CM
070	64200-005009	64200-005100	008100 005120	008100 005400
090		64200-006100	008100 006145	
105				
120		64200-007100	008100 007120	008100 007320
160		64200-007750		
200		008100 008100		

**SpinNet™ ASSEMBLY STANDS**

SpinNet™, UD stand, LR swivel, Flow YYY, micro-tube length XXX, stabilizer, barb connector to lateral pipe and AD valve 15

MODEL	15 CM	30 CM	60 CM	90 CM
070	64200-010110	64200-010350	64200-010160	
090		64200-013150	64200-013185	
105				
120		64200-017660		
160				
200				

SpinNet™, UD stand, LR swivel, Flow YYY, micro-tube length XXX, stabilizer, press-fit connector to lateral pipe and AD valve 15

MODEL	15 CM	30 CM	60 CM	90 CM
070	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		

SpinNet™, UD stand, FLT swivel, Flow YYY, micro-tube length XXX, stabilizer, barb connector to lateral pipe and AD valve 15

MODEL	15 CM	30 CM	60 CM	90 CM
070	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				