

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

Specifications & Recommendations

- ✔ 7 different flow rates: 50, 70, 90, 105, 120, 160, 200l/h
- ✔ Pressure range: 2.0 to 3.0bar (at the sprinkler head)
- ✔ Nominal pressure: 2.3bar
- ✔ 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: 130mic. / 120mesh

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

→ Technical Data

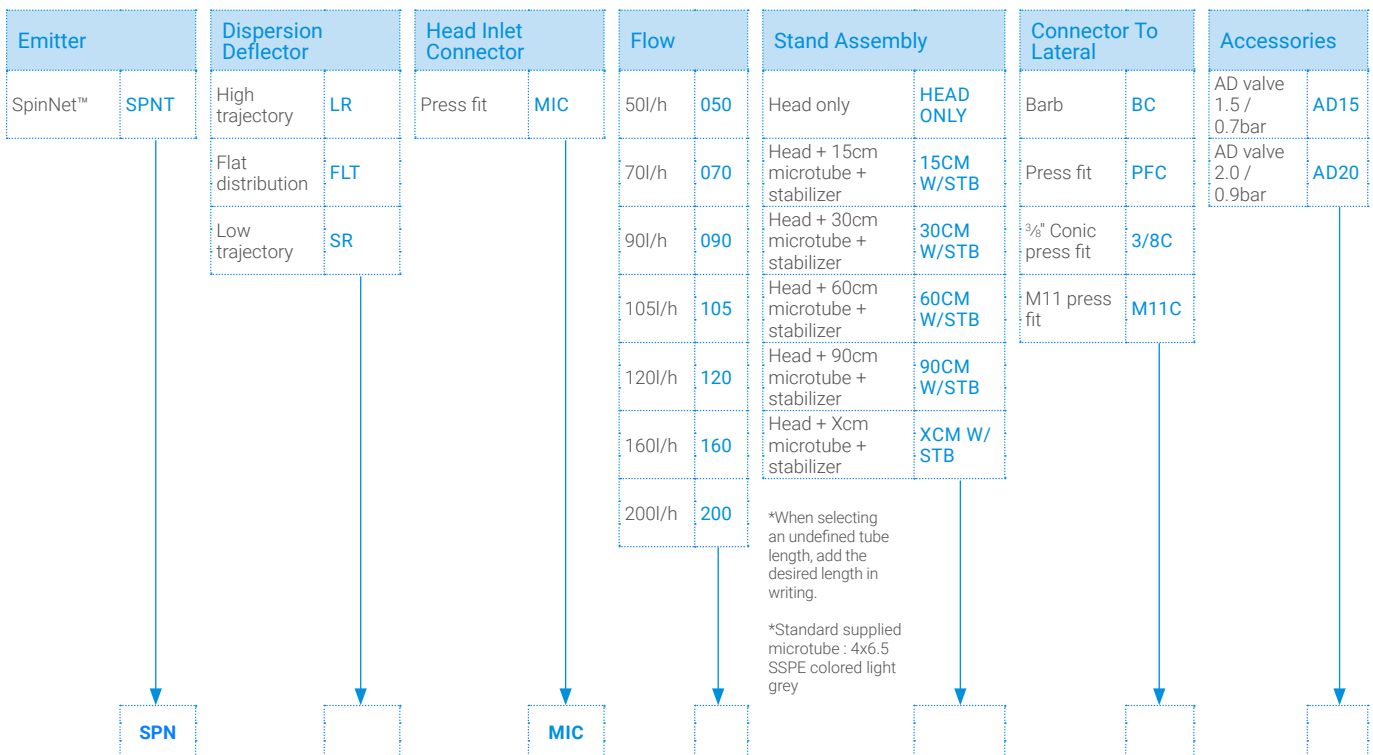
Model	Nozzle Code Color	Nozzle Size (mm)	Recommended Working Pressure (bar)	Constant K	Exponent X	Wetted Diameter With LR Green Swivel (1.8m Above Surface) (m)	Wetted Diameter With FLT Flat Swivel (1.8m Above Surface) (m)	Wetted Diameter With SR Blue Swivel (1.8m Above Surface) (m)
050	Green	0.90	2.0 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

→ 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.



→ Packaging 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, 15cm tube w/stabilizer and AD valve	200	28 x 28 x 57	13.1	32	6400	419
Complete stand, 30cm tube w/stabilizer and AD valve	200	28 x 28 x 57	14.8	32	6400	486
Complete stand, 60cm tube w/stabilizer and AD valve	150	18 x 34 x 79	12.4	20	2000	249
Complete stand, 90cm tube w/stabilizer and AD valve	200	28 x 27 x 113	15.8	16	3200	253

→ Catalog Numbers

Model & Nozzle Color	SpinNet™ LR, Green Swivel		SpinNet™ FLT, Grey Swivel		SpinNet™ SR, Blue Swivel	
						
	1 Unit	100 units/bag	1 Unit	100 units/bag	1 Unit	100 units/bag
050 / Green					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™, UD Stand, LR Green Swivel, Barb Connector

How to use: Replace **X** with: flow rate / **Y** with: AD valve type

BC = Barb connector to lateral

	Flow Rate (l/h)	AD 15	AD 20
Tube Length: 15cm Code Master SPNT UD LR X L/H 15 CM STABILIZER BC ADV Y Example SPNT UD LR 050 L/H 15 CM STABILIZER BC ADV 15	050		
	070	64200-010110	64200-010101
	090		
	105		
	120		
	160		
	200		
Tube Length: 30cm Code Master SPNT UD LR X L/H 30 CM STABILIZER BC ADV Y Example SPNT UD LR 050 L/H 30 CM STABILIZER BC ADV 15	050		
	070	64200-010350	64200-010400
	090	64200-013150	64200-013600
	105		
	120	64200-017660	64200-018200
	160	64200-000018	64200-020800
	200	64200-000019	64200-022000
Tube Length: 60cm Code Master SPNT UD LR X L/H 60 CM STABILIZER BC ADV Y Example SPNT UD LR 050 L/H 60 CM STABILIZER BC ADV 20	050		
	070	64200-010160	64200-010180
	090	64200-013185	
	105		
	120		64200-017705
	160		
	200		
Tube Length: 90cm Code Master SPNT UD LR X L/H 90 CM STABILIZER BC ADV Y Example SPNT UD LR 050 L/H 90 CM STABILIZER BC ADV 20	050		
	070		
	090		
	105		
	120		
	160		
	200		64200-022500

- Missing catalog numbers available upon request

- Other stand combinations can be ordered based on the attached flowchart which can help determine the desired product requirement.

→ SpinNet™, UD Stand, LR Green Swivel, Press-Fit Connector

How to use: Replace **X** with: flow rate / **Y** with: AD valve type

PFC = Press fit to lateral

	Flow Rate (l/h)	AD 15	AD 20
Tube Length: 15cm	050		
	070	64200-010100	64200-010200
	090	64200-013100	64200-013300
	105		
	120	64200-017600	64200-017800
	160	64200-020100	64200-020105
	200	64200-021400	64200-021600
Tube Length: 30cm	050		
	070	64200-010360	64200-010410
	090	64200-013155	64200-013320
	105		
	120	64200-017650	64200-018250
	160	64200-020190	64200-020910
	200	64200-021450	64200-022100
Tube Length: 60cm	050		
	070	64200-010150	64200-010170
	090	64200-013180	
	105		
	120	64200-017700	
	160	64200-020220	
	200	64200-021500	
Tube Length: 90cm	050		
	070		
	090		64200-013790
	105		
	120		
	160		
	200		

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- Other stand combinations can be ordered based on the attached flowchart which can help determine the desired product requirement.

→ SpinNet™, UD Stand, FLT Grey Swivel, Barb Connector

How to use: Replace **X** with: flow rate / **Y** with: AD valve type

BC = Barb connector to lateral

	Flow Rate (l/h)	AD 15	AD 20
Tube Length: 15cm	050		
	070	64200-005008	64200-005009
	090		
	105		
	120	64200-007017	
	160		
	200		64200-008080
Tube Length: 30cm	050		
	070	64200-005005	64200-005100
	090	64200-006032	64200-006100
	105		
	120	64200-007027	64200-007100
	160	64200-007610	64200-007750
	200		64200-008100
Tube Length: 60cm	050		
	070	64200-005032	64200-005120
	090	64200-006050	64200-006145
	105		
	120	64200-007037	64200-007120
	160		
	200		
Tube Length: 90cm	050		
	070	64200-005050	64200-005400
	090	64200-006065	64200-006160
	105		
	120		64200-007320
	160	64200-007710	
	200		

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- Other stand combinations can be ordered based on the attached flowchart which can help determine the desired product requirement.

→ SpinNet™, UD Stand, FLT Grey Swivel, Press-Fit Connector

How to use: Replace **X** with: flow rate / **Y** with: AD valve type

PFC = Press fit to lateral

	Flow Rate (l/h)	AD 15	AD 20
Tube Length: 15cm	050		
	070	64200-005010	64200-005080
	090	64200-006020	64200-006070
	105		
	120	64200-007015	64200-007045
	160	64200-007550	64200-007720
	200	64200-007940	64200-008070
Tube Length: 30cm	050		
	070	64200-005020	64200-005150
	090	64200-006030	64200-006120
	105		
	120	64200-007025	64200-007150
	160	64200-007600	64200-007770
	200	64200-007960	64200-008150
Tube Length: 60cm	050		
	070	64200-005030	64200-005300
	090	64200-006040	64200-006140
	105		
	120	64200-007035	64200-007200
	160	64200-007660	64200-007850
	200	64200-007980	64200-008300
Tube Length: 90cm	050		
	070	64200-000006	
	090	64200-006060	
	105		
	120	64200-000027	64200-007330
	160		
	200		

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- Other stand combinations can be ordered based on the attached flowchart which can help determine the desired product requirement.

→ SpinNet™, UD Stand, SR Blue Swivel, Barb Connector

How to use: Replace **X** with: flow rate / **Y** with: AD valve type

BC = Barb connector to lateral

	Flow Rate (l/h)	AD 15	AD 20	
Tube Length: 15cm	050	64200-004100	64200-004110	
	070			
	090			
	105			
	120			
	160			64200-000025
	200			64200-026300
Tube Length: 30cm	050	64200-023040	64200-000022	
	070			
	090			64200-025100
	105			
	120			
	160			64200-026350
	200			
Tube Length: 60cm	050	64200-000028		
	070			
	090			
	105			
	120			
	160			
	200			
Tube Length: 90cm	050		64200-026370	
	070			
	090			
	105			
	120			
	160			
	200			

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- Other stand combinations can be ordered based on the attached flowchart which can help determine the desired product requirement.

→ SpinNet™, UD Stand, SR Blue Swivel, Press-Fit Connector

How to use: Replace **X** with: flow rate / **Y** with: AD valve type

PFC = Press fit to lateral

	Flow Rate (l/h)	AD 15	AD 20
Tube Length: 15cm Code Master SPNT UD SR X L/H 15 CM STABILIZER PFC ADV Y Example SPNT UD SR 050 L/H 15 CM STABILIZER PFC ADV 15	050		
	070		
	090		
	105		
	120		64200-026110
	160		64200-026360
	200		
Tube Length: 30cm Code Master SPNT UD SR X L/H 30 CM STABILIZER PFC ADV Y Example SPNT UD SR 050 L/H 30 CM STABILIZER PFC ADV 15	050	64200-023030	64200-023020
	070		
	090		
	105		
	120		64200-026150
	160		
	200		
Tube Length: 60cm Code Master SPNT UD SR X L/H 60 CM STABILIZER PFC ADV Y Example SPNT UD SR 050 L/H 60 CM STABILIZER PFC ADV 20	050		
	070		
	090		
	105		
	120		
	160		
	200		
Tube Length: 90cm Code Master SPNT UD SR X L/H 90 CM STABILIZER PFC ADV Y Example SPNT UD SR 050 L/H 90 CM STABILIZER PFC ADV 20	050		
	070		
	090		
	105		
	120		
	160		
	200		

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- Other stand combinations can be ordered based on the attached flowchart which can help determine the desired product requirement.