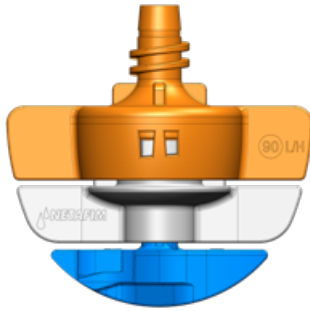


# SpinNet™ F&P

Bridge-free micro-sprinkler for upside-down irrigation in greenhouses, tunnels, and net-houses, ensuring superior water distribution uniformity with F&P - Fast and Positive connections to prevent disconnections.



Superior  
uniformity



Bridge-free  
micro-sprinkler



Fast & positive  
connection

Applications



Upside-down  
irrigation



Full coverage  
irrigation



Double & triple  
line stripe  
coverage

## / Benefits & Features

- High water distribution uniformity & Higher yield
  - Superior water distribution uniformity for full coverage irrigation. Achieved thanks to the unique design of the SpinNet F&P 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 F&P 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
- F&P - Ensure a secure connection on the full upside-down stand
  - The Fast & Positive connections between the SpinNet and AD valve components prevent unwanted disconnections caused by extreme environmental conditions during inactive periods. F&P ensures a reliable and robust connection and enabling simple and efficient disconnected manually when required.
- 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
  - The SpinNet with F&P connection and SpinNet components can be manually disassembled without the need for tools, allowing for easy interchangeability, flushing, and maintenance.

# / Specifications & Recommendations

- 7 Different Flow Rates – 50, 70, 90, 105, 120, 160, 200 l/h
- Nominal Pressure – 2.3 bar
- Recommended Pressure Range – 2.0 - 3.0 bar (at the sprinkler head)
- 1 Type of SpinNet™ Inlet Connection – F&P (Fast & Positive - Fast thread)
- Color Coded for Easy Identification -
  - Nozzle for easy identification of the flow rate
  - Rotor for easy identification of the model
- Acid resistant (AA) raw materials, thus allowing the application chemicals to pass through the system. The system can be cleaned by application of suitable acid treatments
- Complementary Components -
  - AD valve 15, 20: F&P-F&P, Barb-F&P, 3/8-F&P
  - Adapter: Barb-F&P
- ISO certification: SpinNet™ meets ISO 8026 standards (SI 1406) with production certified by the Israel Standards Institute (SII).
- Filtration Recommendations – 130 mic. / 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

## → 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 be application rate equal or above 0.26mm/h

## → Ordering Information

Flowchart to determine the desired product definition

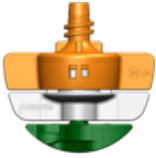
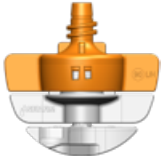

How to use: To determine the desired product definition select one of every set of options displayed on the chart.

Emitter		Dispersion Deflector		Head Inlet Connector		Flow		Stand Assembly		Connector To Lateral		Accessories	
SpinNet™	SPNT	High trajectory	LR	Fast & Positive	F&P	50l/h	050	Head only	HEAD ONLY	Barb	BC	AD valve 1.5 / 0.7bar	AD15
		Flat distribution	FLT			70l/h	070	Head + 15cm microtube + stabilizer	15CM W/STB	Press fit	PFC	AD valve 2.0 / 0.9bar	AD20
		Low trajectory	SR			90l/h	090	Head + 30cm microtube + stabilizer	30CM W/STB	3/8" Conic press fit	3/8C		
						105l/h	105	Head + 60cm microtube + stabilizer	60CM W/STB	M11 press fit	M11C		
						120l/h	120	Head + 90cm microtube + stabilizer	90CM W/STB				
						160l/h	160	Head + Xcm microtube + stabilizer	XCM W/STB				
						200l/h	200	*When selecting an undefined tube length, add the desired length in writing.					
								*Standard supplied microtube : 4x6.5 SSPE colored light grey					


## → Packaging Data

SpinNet™ F&P	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 for SpinNet™ F&P Head Only


Model & Nozzle Color	SpinNet™ F&P LR, Green Swivel		SpinNet™ F&P FLT, Grey Swivel		SpinNet™ F&P SR, Blue Swivel	
						
	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	64200-040600	
070 / Black	64200-040400		64200-040500		64200-040610	
090 / Orange	64200-040410		64200-040510		64200-040620	
105 / Sky blue	64200-040420		64200-040520		64200-040630	
120 / Red	64200-040430		64200-040530		64200-040640	
160 / Brown	64200-040440		64200-040540		64200-040650	
200 / Yellow	64200-040450		64200-040550		64200-040660	

## → Upside-down Stand of the SpinNet™ F&P Composition


	Description
	<ul style="list-style-type: none"> <li>- SpinNet with F&amp;P inlet</li> <li>- AD valve with Barb inlet &amp; F&amp;P outlet</li> <li>- Stabilizer</li> <li>- 4x6.5 Gray micro-tube with barb or Pres-fit connector to lateral</li> </ul>

## → SpinNet™ F&P AD Valves


### AD Valve Barb / F&P

	Blue pin 1.5 / 0.7
	63000-003390
	Purple pin 2.0 / 0.9
	63000-003391

### AD Valve ¾" / F&P

	Blue pin 1.5 / 0.7
	63000-003392
	Purple pin 2.0 / 0.9
	63000-003393

### AD Valve F&P / F&P

	Blue pin 1.5 / 0.7
	Purple pin 2.0 / 0.9