

Micro-Emitters • Micro-Sprinklers • Sprinklers



Trees and orchards

	Under tree irrigation and Nutrigation	Under tree Frost protection	Overtree frost protection	Cooling	Overtree chemical treatment
SuperNet®	+	+	+	+	+
SuperNet® Jet	+				
GyroNet®	+	+	+	+	+
GyroNet® Jet	+				
SpinNet					
CoolNet®				+	
GyroNet® Turbo					
PowerNet®	+	+	+	+	+
R2000®			+	+	

Greenhouses, shade houses and closed environments

	Irrigation and Nutrigation	Cooling and humidifying	Net and roof washing	Soil preparation	Germination	Rooting	Hardening
SuperNet®				+	+		+
SuperNet® Jet							
GyroNet®	+			+	+		+
GyroNet® Jet							
SpinNet	+			+	+		+
CoolNet®		+				+	
GyroNet® Turbo			+	+	+		
PowerNet®				+	+		
R2000®							

Open field intensive

Open field extensive

	Sowing and planting	Irrigation and Nutrigation	Cooling	Frost protection	Sowing and planting	Irrigation and Nutrigation	Cooling	Frost protection
GyroNet® Turbo	+	+	+					
PowerNet®	+	+	+	+	+	+	+	+
R2000®	+	+	+	+	+	+	+	+

Basic Netafim Limited Warranty

Netafim products are warranted to be free from defects in material and workmanship for a period of one (1) year from the date of delivery.

This warranty does not apply where equipment is not used and installed strictly in accordance with Netafim specifications and users' manual. Neither does it apply for failures caused by lightning strikes, electrical power surges or damage due to freezing environments, and mechanical damage.

Netafim is not liable for indirect, incidental or consequential damage in connection with the use of equipment.

To receive warranty benefits, customers should return defective parts to the nearest Netafim distributor.

Netafim reserves the right to redesign, alter or modify its products without incurring any liability whatsoever, including for the obsolescence of customer inventory of such parts or products to any prior buyers of our products.

This manufacturer warranty policy could apply differently from one country to another. For more information, contact your Netafim distributor or Netafim, 161 Arlosorov St, Tel Aviv 649 22, ISRAEL, Tel: +972 3 691 9777, Fax: +972 3 691 1962, e-mail: postmaster@netafim.com

All written material is subject to withdrawal or change at any time without prior notice.

Cover photo: SpinNet

Contents

What product does what?	2
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Micro-Sprinklers

SuperNet®	4
SuperNet® Performance Data	5
SuperNet® Ordering Guide	6
SuperNet® Performance Data	7
SuperNet® Spare Parts	9
GyroNet®	10
GyroNet® Performance Data	11
GyroNet® Ordering Guide	12
GyroNet® Spare Parts	13
MiningNet	14
GyroNet® Applications	14
GyroNet® Performance Data	15
GyroNet® Turbo	16
GyroNet® Turbo Performance Data	17
GyroNet® Turbo Ordering Guide & Spare parts	17

Micro-Emitters

CoolNet®	18
CoolNet® Application Recommendations	19
CoolNet® Technical Data	21
CoolNet® Ordering Guide	21
CoolNet® Spare Parts	22
SpinNet	23
SpinNet Ordering Guide	24
SpinNet Technical Data	24
SpinNet Performance Data	25

General accessories

Microtubes SPE 4 *6.5 Gray	28
Microtubes SSPE 4 *6.5 Black	29
Accessories	30
Connectors	31
Vegetable stand	37
Tools	38

Rotor-Sprinklers

PowerNet®	32
PowerNet® Technical Data	33
PowerNet® Ordering Guide	33
PowerNet® Performance Data	34
R2000 & R2000WF	35
R2000 & R2000WF Spare Parts	36

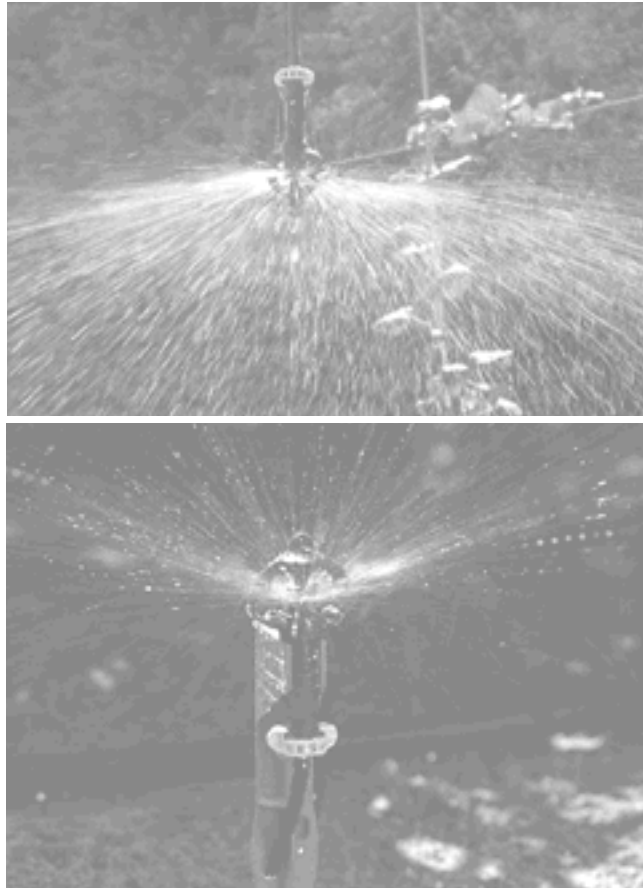
Controllers

MistGuard	39
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SuperNet®

Flow regulated micro-sprinkler for use as single or multiple overlap

- Precision irrigation
- Precision fertigation
- Frost protection
- Cooling and coloring treatments
- Chemical treatments



Barb connector



Press fit, male connector



Self tapping connector for Ø 4 mm PE micro tube



1/2" and 3/8" threaded connector

SuperNet LR + LRD + GS

Model	Nozzle color	Pressure (bar)	Flow rate (l/h)	Nozzle size (mm)	Long range rotor LR + LRD breakable deflector		
					Wet Ø LR (m)	Wet Ø LRD (m)	Rotor color LR-LRD
020	Purple	1.7-4.5	20	0.89	5.0	0.7	Purple
030	Brown	1.7-4.5	30	1.14	5.5	0.7	Purple
035	Sky blue	1.7-4.5	35	1.20	6.0	0.7	Purple
040	Blue	1.7-4.5	40	1.28	6.0	0.7	Purple
050	Green	1.5-4.5	50	1.43	6.5	0.7	Black
058	Gray	1.5-4.5	58	1.55	7.0	0.7	Black
070	Black	1.5-4.5	70	1.73	7.0	1.0	Black
090	Orange	1.5-4.5	90	1.74	7.0	1.0	Black
110*	Red	2.0-4.5	110	1.70	8.0	NR	Gray






* For SuperNet 110 – use Gray swivel

SuperNet SR + SRD + SSR

Model	Nozzle color	Pressure (bar)	Flow rate (l/h)	Nozzle size (mm)	Short range swivel SR + SRD breakable deflector			SSR Super short range	
					Wet Ø SR (m)	Wet Ø SRD (m)	Rotor color SR-SRD	Wet Ø SSR (m)	Rotor color SSR
020	Purple	1.7-4.5	20	0.89	3.2	1.8	Blue	0.8	Light green
030	Brown	1.7-4.5	30	1.14	3.5	1.8	Blue	0.9	Light green
035	Sky blue	1.7-4.5	35	1.20	3.5	1.8	Blue	1.0	Light green
040	Blue	1.7-4.5	40	1.28	3.8	1.8	Blue	1.1	Light green
050	Green	1.5-4.5	50	1.43	4.5	1.8	Blue	NR	Light green
058	Gray	1.5-4.5	58	1.55	4.5	1.8	Blue	NR	Light green
070	Black	1.5-4.5	70	1.73	5.5	1.8	Blue	NR	Light green
090	Orange	1.5-4.5	90	1.74	6.0	2.0	Blue	NR	Light green
110^	Red	2.0-4.5	110	1.70	NR	NR	NR	NR	Light green

- All figures measured at 2.0 bar and at 20 cm above ground
- Diameter=Minimum 1.0 mm water application
- NR=Not recommended
- Rotor=Swivel
- Deflector=Stream limitation for short diameter, breakable once bigger diameter is required (first stage for young trees)
- SSR=Super short rotor for highly concentrated applications (Chameleons, frost protection and/or cooling per single tree)

SuperNet Jet


Model	Nozzle color	Pressure (bar)	Flow rate (l/h)	Nozzle size (m)	360° 12 jets	300° 10 jets	2*90° 2*4 jets	180° 6 jets	90° 4 jets	Deflector color code
					 Ø (m)	 Ø (m)	 Ø (m)	 Ø (m)	 Ø (m)	
030	Brown	1.7-4.5	30	1.14	5.0	5.2	4.4	5.2	4.4	Orange
035	Sky blue	1.7-4.5	35	1.20	5.0	5.2	4.4	5.2	4.4	Orange
040	Blue	1.7-4.5	40	1.28	5.2	5.2	4.4	5.2	4.4	Orange
050	Green	1.5-4.5	50	1.43	5.6	5.8	4.4	6.0	4.6	Orange
058	Gray	1.5-4.5	58	1.55	6.0	6.2	4.4	6.0	4.8	Orange
070	Black	1.5-4.5	70	1.73	6.0	6.2	4.8	6.0	4.8	Orange
090	Orange	1.5-4.5	90	1.74	6.0	6.2	5.2	6.0	4.8	Orange

SuperNet UD

Model	Color code	Pressure (bar)	Flow rate (l/h)	Nozzle size (mm)	up-side-down SR swivel		up-side-down UD Swivel	
					Wet Ø* SR (m)	Rotor color SR	Wet Ø* UD (m)	Rotor color UD
020	Purple	1.7-4.5	20	0.89	NR	NR	NR	NR
030	Brown	1.7-4.5	30	1.14	3.8	Blue	5.5	Green
035	Sky blue	1.7-4.5	35	1.20	3.8	Blue	5.5	Green
040	Blue	1.7-4.5	40	1.28	3.8	Blue	6.0	Green
050	Green	1.5-4.5	50	1.43	3.8	Blue	6.0	Green
058	Gray	1.5-4.5	58	1.55	3.8	Blue	6.5	Green
070	Black	1.5-4.5	70	1.73	3.8	Blue	6.5	Green
090	Orange	1.5-4.5	90	1.74	3.8	Blue	NR	NR
110^	Red	2.0-4.5	110	1.70	NR	NR	NR	NR

- UD swivel not recommended to work directly into lateral.
 - Spring bearing is recommended to be used in UD applications to prevent insects damage.
- *Diameter measured at 50 cm height.

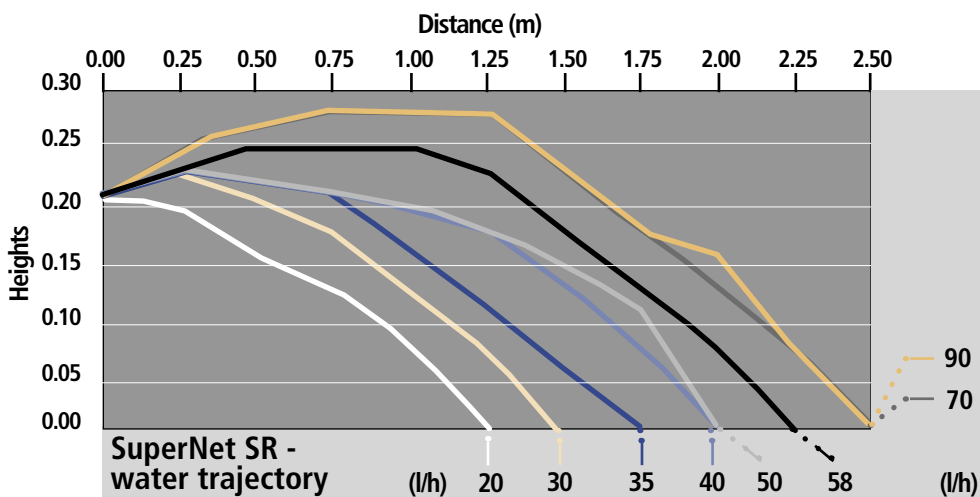
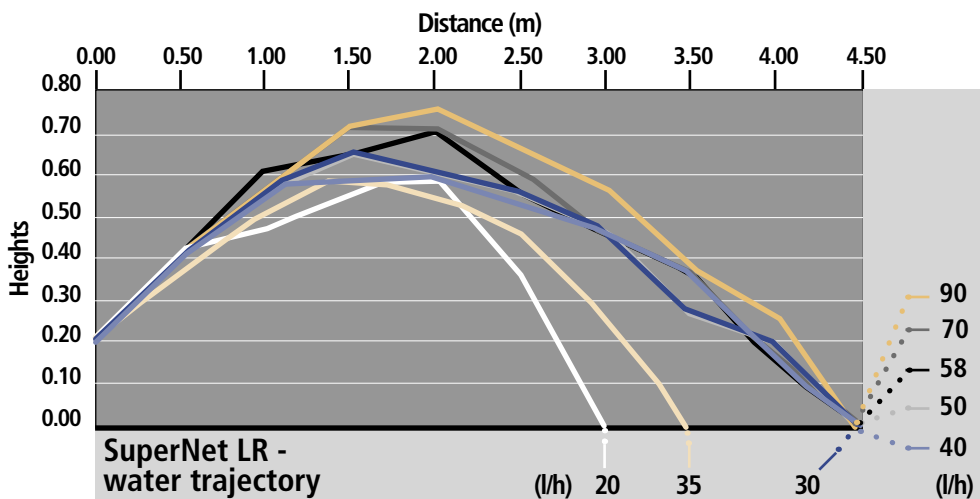
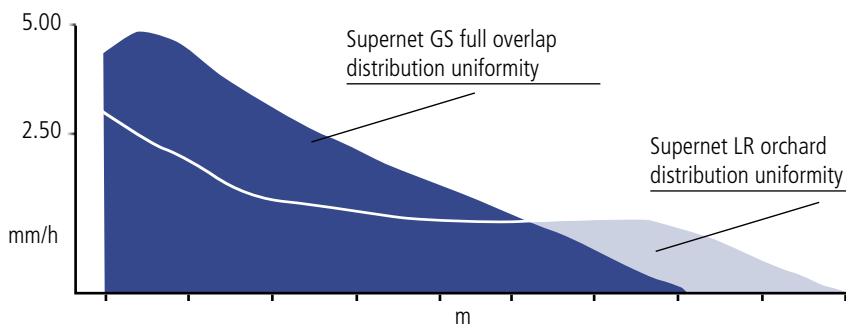
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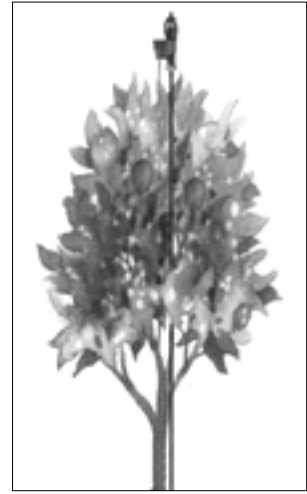
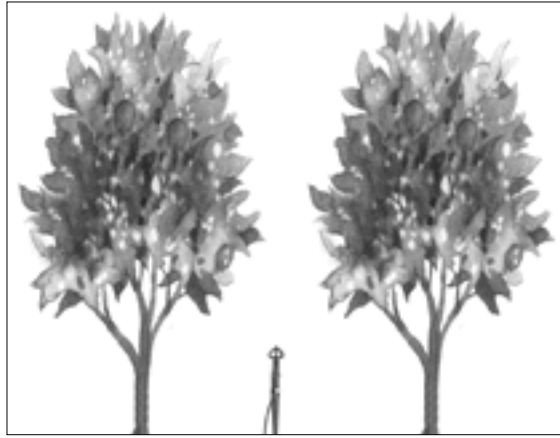
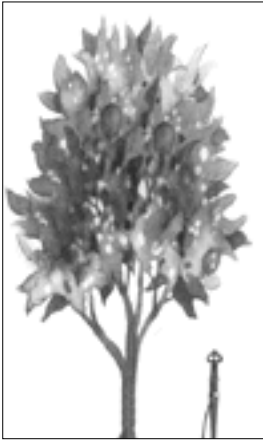
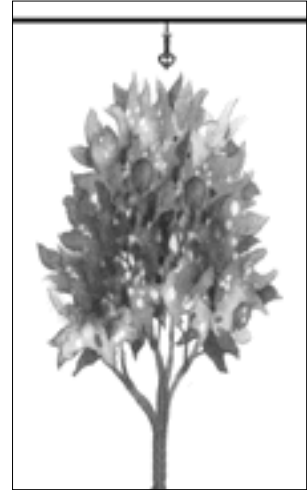
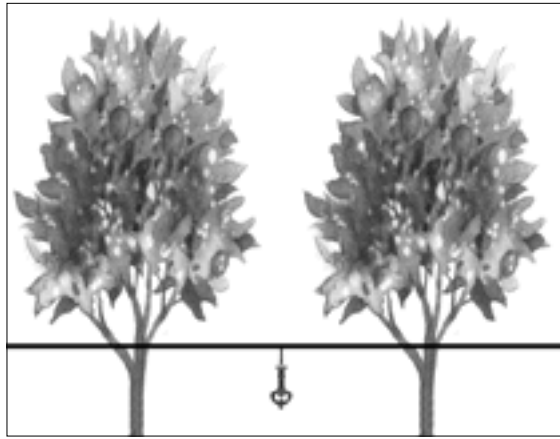


Stream splitter (optional)

Ordering guide
03111-020-058
(this configuration)

<p>Inlet connector</p> <p>Barb 1 Self tapping . 2 Threaded 3/8" male . . 3 Threaded 1/2" male . . 4 Press fit male 5</p>	<p>Swivel rotor</p> <p>LR/LRD/SR/SRD Long range swivel 1 Long range swivel w/ stream deflector 2 Short range swivel 3 Short range swivel w/ stream deflector 4</p> <p>GS/SSR/UD SSR-Super short swivel .. 5 UD-Upside down swivel .. 6 Gray swivel 7</p> <p>JET 360°, 12 jets 9 300°, 10 jets 10 2x90°, 8 jets 11 180°, 6 jets 12 90°, 4 jets 13</p>	<p>Flow</p> <p>LR/LRD/SR/SRD 20 l/h 020 30 l/h 030 35 l/h 035 40 l/h 040 50 l/h 050 58 l/h 058 70 l/h 070 90 l/h 090 110 l/h ...</p> <p>GS/SSR/UD 35 l/h 035 40 l/h 040 50 l/h 050 58 l/h 058 70 l/h 070 90 l/h 090 110 l/h ...</p> <p>JET 30 l/h .030 40 l/h .040 50 l/h .050 58 l/h .058 70 l/h .070 90 l/h .090 110 l/h .110</p>	<p>Stand* assembly</p> <p>LR/LRD/SR/SRD/JET Head only 00 Stand w/o stake, 60 cm tube length 02 Stand w/ stake, 60 cm tube length 05 Stand w/o stake, 90 cm tube length 06 Stand w/ stake, 90 cm tube length 07 Stand w/o stake, special tube length** 08 Stand w/ stake, special tube length** 09</p> <p>* Standard tube: SPE 4x6.5 (black) ** Please, add required tube length in writing</p> <p>GS Stand w/ 60 cm tube length 00 Stand w/ 120 cm tube length 01 Stand w/ 150 cm tube length 02 Stand w/ 180 cm tube length 03 Stand w/ special tube length** 08</p> <p>* Standard tube: SPE 4x6.5 (black) ** Please, add required tube length in writing</p>	<p>Connector to lateral pipe</p> <p>Male/barb (2 parts) to PE 1 Male/3/8" conic (2 parts) to PVC 2 Connector barb/barb (1 part) to P.E. 8</p>	<p>Accessories</p> <p>Everspin bearing . 6 Spring bearing . 7 Stream splitter . . 8 U shape adapter . 9</p>
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Under tree irrigation, Fertigation, Chemigation, cooling and frost protection with all flow rates and all swivels. Single sprinkler per tree.

Upright under tree irrigation, Fertigation, Chemigation, cooling and frost protection with all flow rates and all swivels. For upside down a minimum of 30 l/h with SR or UD green swivel is required. Full coverage.

Upright ,over tree irrigation, Fertigation, Chemigation, cooling and frost protection with all flow rates and all swivels. For upside down a minimum of 30 l/h with SR or UD green swivel is required.



Description	Catalog number
Clamp for installation between wires (consisting of 2 plastic parts; a Ø 6 mm, 60 cm-long galvanized stake; and 2 metal wires)	64420-0038000

Description	Catalog number
Supernet stake	63520-005900

Description	Catalog number
Steel stake only	
Ø 6mm, 60 cm	65080-001000
Ø 6 mm, 100 cm	65080-001100
Ø 6 mm, 120 cm	65080-001200

Description	Catalog number
Clamp for metal stakes	64420-003000

Description	Catalog number
Clamp for wood stakes	64420-003100

Description	Catalog number
Supernet stand adapter Ø 6 mm	63520-005950

Description	Catalog number
U shape adaptor for hanged upright systems	63520-005990

Description	Catalog number
Upper bearing square hole for Gyronet models 027	63520-005400
Circular hole for all other models	63520-005450

Description	Catalog number
Spring upper bearing	63520-011500

Description	Catalog number
Everspin bearing with Sapphire stone for wear reduction	63520-011400

Description	Catalog number
Stream splitter	63520-005800

Description	Catalog number
Frame	63520-005500

Description	Catalog number
Jet deflector 360°, 12 jets	63520-005350
300°, 10 jets	63520-005360
2x90°, 8 jets	63520-005370
180°, 6 jets	63520-005380
90°, 4 jets	63520-005390

LR swivel 63520-005100 (purple) ¹
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LRD swivel 63520-005160 (purple) ¹

LR swivel 63520-005000 (black) ²

LRD swivel 63520-005150 (black) ²
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SR swivel 63520-005200 (blue) ²
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SRD swivel 63520-005300 (blue) ²

UD swivel 63520-005180 (green) ²

SSR swivel 63520-005320 (light green) ²
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¹ to use with models: 020, 030, 035, 040

² to use with models: 050, 058, 070, 090, 110

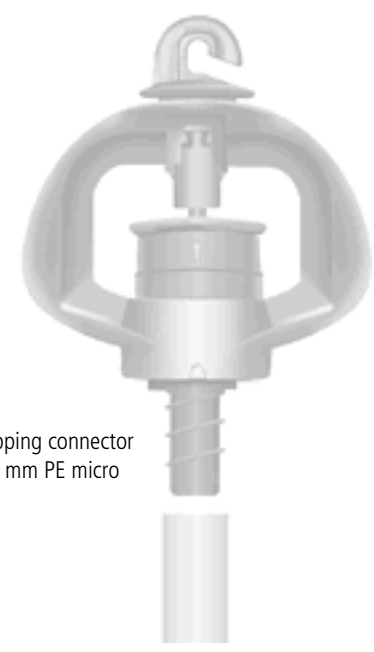
Note: For micro tubes, please turn to page 28.



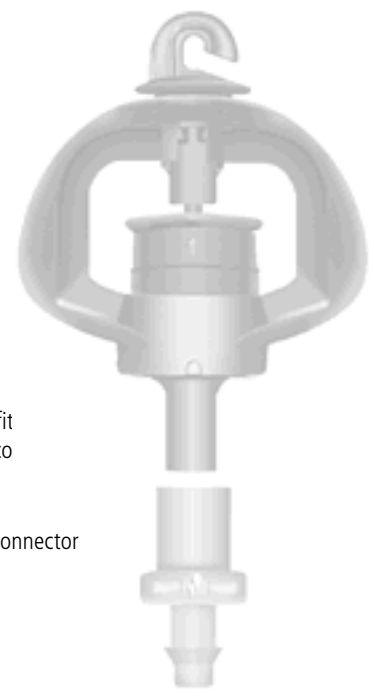
GyroNet®

Low to medium flow rate micro-sprinkler

- Precision irrigation
- Precision fertigation
- Frost protection, cooling and chemical treatment
- Anti-insect swivel



Self tapping connector for Ø 4 mm PE micro tube



Press fit male co

Barb connector

GyroNet LR + LRD + HF

Model	Color code	Size nozzle Ø (mm)	Pressure (bar)	Flow rate (l/h)	Wet Ø (m)* LR swivel	Wet Ø (m)* LRD swivel	Wet Ø color LR swivel	Wet Ø (m)*** HF swivel	Swivel code color HF swivel
			1.5	26					
027	Brown	0.75	2.0	29	5.0	0.7	purple	NR	NR
			3.0	36					
			1.5	38					
040	Blue	0.90	2.0	44	6.0	0.7	purple	NR	NR
			3.0	54					
			1.5	51					
058	Gray	1.10	2.0	59	7.5	0.7	black	6.5	NR
			3.0	72					
			1.5	68					
070	Black	1.20	2.0	78	7.5	1.0	black	6.5	NR
			3.0	96					
			1.5	90					
090	Orange	1.40	2.0	104	8.5	1.0	black	7.5	NR
			3.0	128					
			1.5	116					
120	Red	1.57	2.0	134	8.5	NR	black	8.0	Gray
			3.0	165					
			1.5	132					
150	Sky blue	1.77	2.0	152	NR	NR	NR	9.5	Gray
			2.5	170					
			1.5	196					
200	Yellow	2.04	2.0	226	NR	NR	NR	10.0	Gray
			2.5	253					
			1.5	247					
250	Purple	2.28	2.0	285	NR	NR	NR	11.0	NR
			2.5	319					
			1.5	292					
300	Green	2.48	2.0	337	NR	NR	NR	11.5	NR
			2.5	377					






*20 cm above ground, ** 60 cm above ground, *** 100 cm above ground, **** Everspin bearing is recommended in flow rates exceeding 120 l/h.

GyroNet SR + SRD + SSR + UD

Model	Color code	Size nozzle Ø (mm)	Pressure (bar)	Flow rate (l/h)	Wet Ø (m)*	Wet Ø (m)*	Swivel code color	Wet Ø (m)*	Swivel code color	Wet Ø (m)**	Swivel code color
					SR swivel	SRD swivel	SR swivel	SSR swivel	SSR swivel	UD**** swivel	UD swivel
			1.5	26							
027	Brown	0.75	2.0	29	4.5	1.8	blue	1.8	Turquoise	NR	NR
			3.0	36							
			1.5	38							
040	Blue	0.9	2.0	44	4.5	1.8	blue	2.5	Turquoise	6.0	Green
			3.0	54							
			1.5	51							
058	Gray	1.1	2.0	59	5.5	1.8	blue	NR	Turquoise	6.5	Green
			3.0	72							
			1.5	68							
070	Black	1.2	2.0	78	5.5	1.8	blue	NR	Turquoise	7.0	Green
			3.0	96							
			1.5	90							
090	Orange	1.4	2.0	104	6.5	1.8	blue	NR	Turquoise	7.0	NR
			3.0	128							
			1.5	116							
120	Red	1.6	2.0	134	6.5	1.8	blue	NR	Turquoise	7.5	NR
			3.0	165							

*20 cm above ground, ** 60 cm above ground, *** 100 cm above ground.

GyroNet Jet

Model	Color code	Nozzle size	Pressure	Nominal flow rate	360° 	300° 	2*90° 	180° 	90° 	Deflector color
		(mm)	(bar)	(l/h)	Wet Ø (m)*	Wet Ø (m)*	Wet Ø (m)*	Wet Ø (m)*	Wet Ø (m)*	code
040	Blue	0.9	1.0	31	3.6	4.0	1.8	2.4	-	
			1.5	38	3.8	4.4	2.1	2.8	-	orange
			2.0	44	5.0	5.0	2.2	3.0	-	
058	Gray	1.1	1.0	42	4.4	5.2	2.2	3.1	2.4	
			1.5	51	5.6	5.6	2.4	3.5	2.7	orange
			2.0	59	6.4	6.4	2.8	4.2	3.1	
070	Black	1.2	1.0	55	5.4	5.6	2.3	2.8	2.4	
			1.5	68	6.2	6.4	2.7	4.0	2.9	orange
			2.0	78	7.0	7.2	3.0	4.2	3.2	
090	Orange	1.4	1.0	73	6.0	6.0	2.6	4.0	2.8	
			1.5	90	7.0	7.0	3.0	4.8	3.3	orange
			2.0	103	7.2	7.6	3.1	4.8	3.8	
120	Red	1.6	1.0	95	7.2	6.4	2.8	4.0	3.2	
			1.5	116	7.8	7.6	3.2	4.9	4.6	orange
			2.0	134	8.4	8.0	3.3	5.6	4.4	

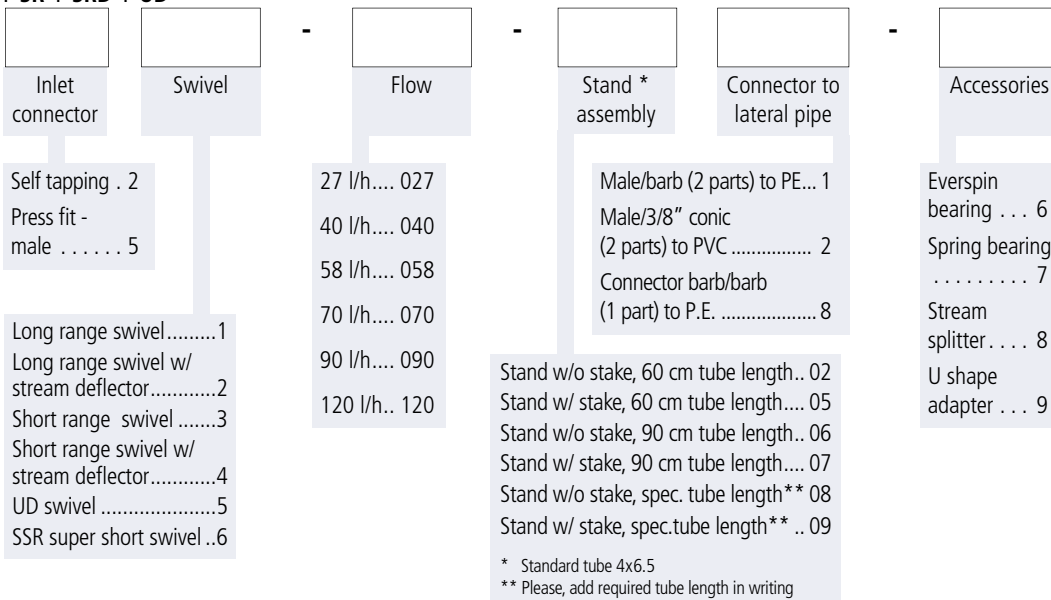
*20 cm above ground, ** 60 cm above ground, *** 100 cm above ground

GyroNet LR + LRD + SR + SRD + UD

032



Ordering guide
03221-040-058
(this configuration)

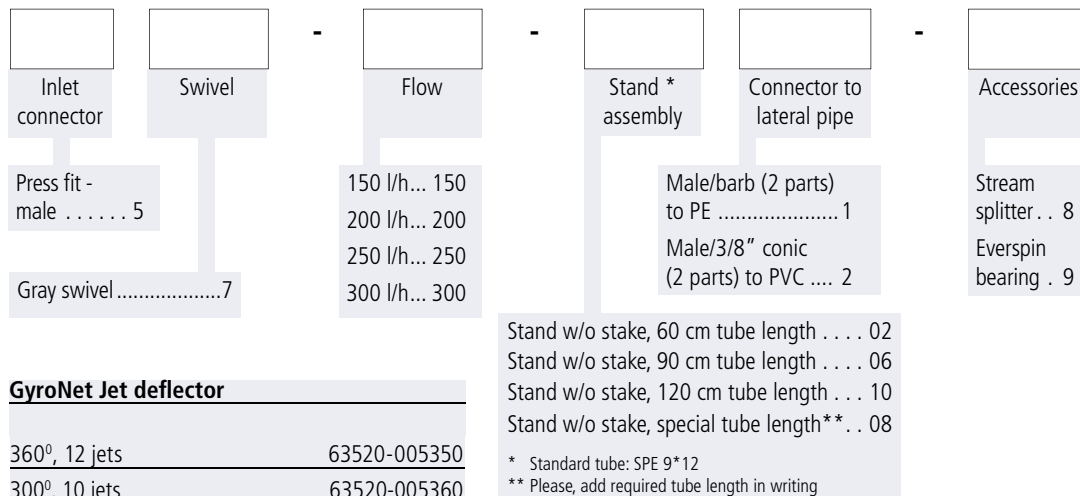


GyroNet HF

032



Ordering guide
03221-040-058
(this configuration)



GyroNet Jet deflector

360°, 12 jets	63520-005350
300°, 10 jets	63520-005360
2x90°, 8 jets	63520-005370
180°, 6 jets	63520-005380
90°, 4 jets	63520-005390

Description	Catalog number
GyroNet universal stake	63520-005900
Universal Stake 30 cm, blue	63000-009800
Universal Stake 30 cm, brown	63000-009850
Universal Stake 30 cm, black	63000-009750

Description	Catalog number
Steel stake only	
Ø 6mm, 60cm	65080-001000
Ø 6 mm, 100 cm	65080-001100
Ø 6 mm, 120 cm	65080-001200

Description	Catalog number
Stream splitter	63520-005800

Description	Catalog number
Frame	63520-005500

Description	Catalog number
Universal stand adapter Ø4.5 mm (black)	64020-002150
Universal stand adapter Ø6 mm (blue)	64020-002000
Universal stand adapter Ø8 mm (black)	64020-002100

Description	Catalog number
Adaptor field stand Gyronet HF Ø 8 mm stand	64020-002820

Description	Catalog number
Adaptor for Ø 6 mm rod	64020-002840

Description	Catalog number
Adaptor for tube collar 6/8 mm	64020-002800

Description	Catalog number
Adaptor for tube collar 9/12 mm	64020-002900

Description	Catalog number
Insert barb	64020-001700

Description	Catalog number
Supernet stand adapter Ø 6 mm	63520-005950

Description	Catalog number
U shape adaptor for hanged upright systems	63520-005990

Description	Catalog number
Upper bearing square hole for Gyronet models 027.	63520-005400
63520-005450 circular hole for all other models.	

Description	Catalog number
Spring upper bearing	63520-011500

Description	Catalog number
Everspin bearing with Sapphire stone for wear reduction	63520-011400

Description	Catalog number
Self tapping inlet connector + nozzle	
27 l/h	64020-000900
40 l/h	64020-001100
58 l/h	64020-001150
70 l/h	64020-001200
90 l/h	64020-001210
120 l/h	64020-001400

Description	Catalog number
Press fit (male) inlet connector + nozzle	
27 l/h	64020-000800
40 l/h	64020-001000
58 l/h	64020-001130
70 l/h	64020-001300
90 l/h	64020-001310
120 l/h	64020-001500
150 l/h	64020-001700
200 l/h	64020-001750
250 l/h	64020-001850
300 l/h	64020-001950

LR swivel 63520-005100 (purple) ¹
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LRD swivel 63520-005160 (purple) ¹

LR swivel 63520-005000 (black) ²

LRD swivel 63520-005150 (black) ²
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SR swivel 63520-005200 (blue) ²
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SRD swivel 63520-005300 (blue) ²

UD swivel 63520-005180 (green) ²

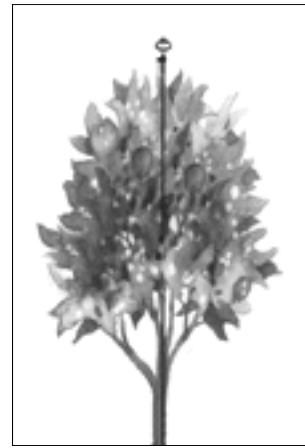
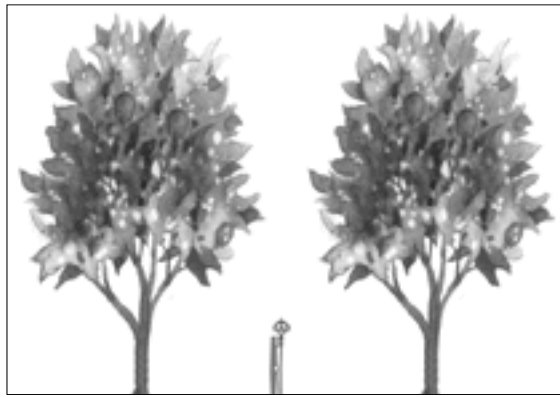
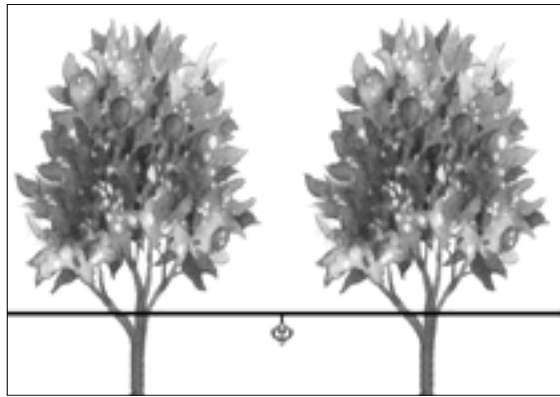
SSR swivel 63520-005320 (green) ²
--

HF swivel 63520-005120 (gray) ²
--

¹ to use with model: 027

² to use with all other models

Note: For micro tubes, please turn to page 28.



Under tree irrigation, Fertigation, Chemigation, cooling and frost protection with all flow rates and all swivels. Single sprinkler per tree.

Upright under tree irrigation, Fertigation, Chemigation, cooling and frost protection with all flow rates and all swivels. For upside down a minimum of 30 l/h with SR or UD green swivel is required. Full coverage.

Upright ,over tree irrigation, Fertigation, Chemigation, cooling and frost protection with all flow rates and all swivels. For upside down a minimum of 30 l/h with SR or UD green swivel is required.

MiningNet (Minimum order quantity required)

Irrigation system for mining. Made of special plastic materials to withstand acid water.

Working pressure: 1.0-2.5 bar

Description	Catalog number
MiningNet 120 l/h, self tapping inlet conn., head only	64000-050000
MiningNet 150 l/h, self tapping inlet conn., head only	64000-053500
MiningNet 200 l/h, self tapping inlet conn., head only	64000-055500
MiningNet 250 l/h, self tapping inlet conn., head only	64000-057500

Description	Catalog number
Upper bearing	63520-005455

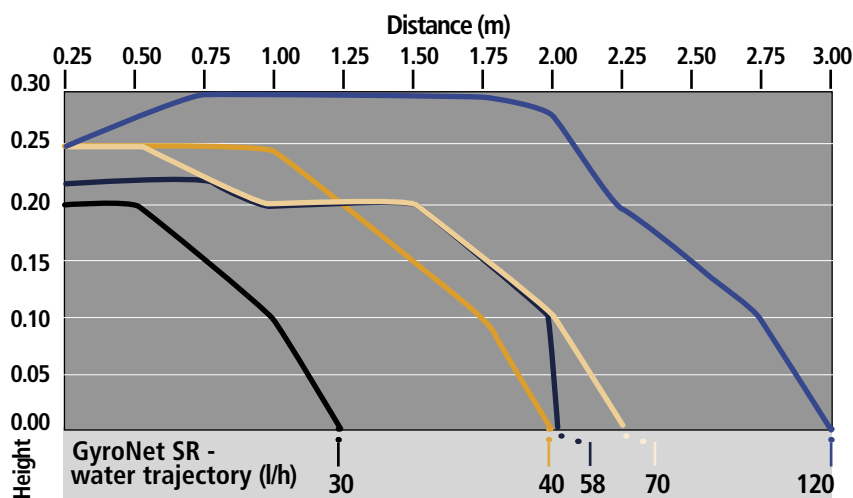
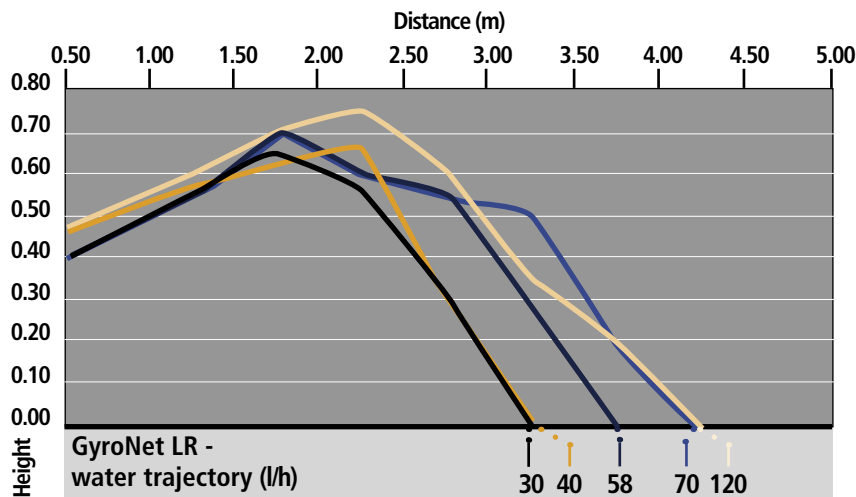
Description	Catalog number
Swivel (gray)	63520-005120



Description	Catalog number
Frame	63520-005500



Description	Catalog number
MiningNet nozzle	
120 l/h	64020-001550
150 l/h	64020-001720
200 l/h	64020-001770
250 l/h	64020-001870



Gyronet HF distribution uniformities

Swivel rotor	Nozzle	Sprinklers position	Pressure (bar)	Distance between sprinklers (m)	Distance between lines (m)	CU (%)	SC (5%)	Precipitation (mm/hr)
Gray HF	Sky Blue	Rectangular	1.50	5.20	5.20	90%	1.1	5.70
Gray HF	Sky Blue	Triangle	1.50	4.20	5.20	91%	1.1	7.00
Gray HF	Sky Blue	Triangle	1.50	4.60	5.20	91%	1.1	6.40
Gray HF	Sky Blue	Triangle	1.50	4.80	5.20	91%	1.1	6.20
Gray HF	Sky Blue	Triangle	1.50	5.80	5.20	90%	1.1	5.10
Gray HF	Sky Blue	Triangle	1.50	4.20	5.40	90%	1.1	6.80
Gray HF	Sky Blue	Triangle	1.50	4.60	5.40	90%	1.1	6.20
Gray HF	Sky Blue	Triangle	1.50	4.80	5.40	90%	1.1	5.90
Gray HF	Yellow	Rectangular	2.00	6.00	5.40	91%	1.1	7.40
Gray HF	Yellow	Rectangular	2.00	6.00	5.60	92%	1.1	7.20
Gray HF	Yellow	Rectangular	2.00	5.40	5.80	92%	1.1	7.70
Gray HF	Yellow	Rectangular	2.00	6.00	5.80	91%	1.1	6.90
Gray HF	Yellow	Rectangular	2.00	5.40	6.00	91%	1.1	7.40
Gray HF	Yellow	Rectangular	2.00	5.60	6.00	92%	1.1	7.20
Gray HF	Yellow	Rectangular	2.00	6.00	6.00	91%	1.1	6.70
Gray HF	Yellow	Triangle	2.00	5.80	5.40	92%	1.1	7.70
Gray HF	Yellow	Triangle	2.00	6.00	5.40	91%	1.1	7.40
Gray HF	Yellow	Triangle	2.00	5.80	5.60	91%	1.1	7.40
Gray HF	Yellow	Triangle	2.00	6.00	5.60	91%	1.1	7.20
Gray HF	Purple	Rectangular	1.50	5.60	5.60	89%	1.1	7.70
Gray HF	Purple	Rectangular	1.50	5.60	5.80	90%	1.1	7.40
Gray HF	Purple	Rectangular	1.50	5.80	5.80	90%	1.1	7.10

Note: All tests are at 1 m high in laboratory conditions and with winspace single grid

GyroNet Turbo

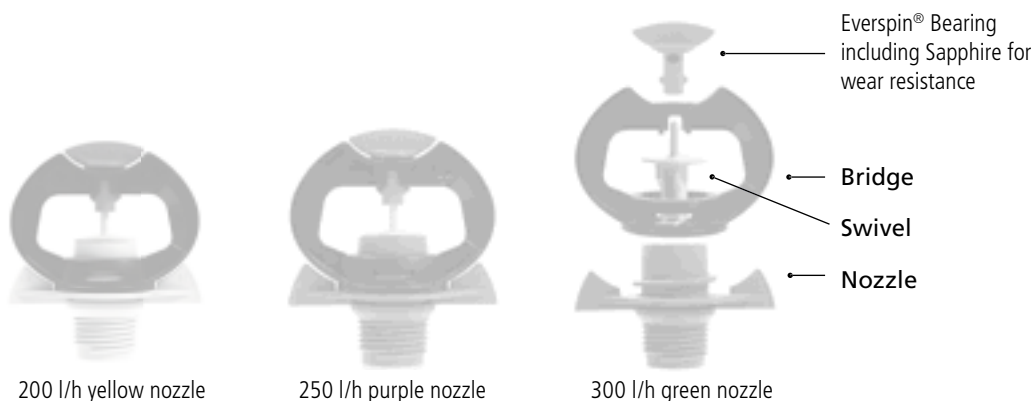
The ultimate mini sprinkler
for full overlap irrigation

FEATURES

- Closed and open-air nurseries
- Intensive field crops
- Overhead cooling and treatments for orchards
- Frost protection
- Roof and tunnel cooling and dust cleaning

BENEFITS

- Wear resistant with Everspin® bearing
- Anti insect pop-up swivel
- Relatively low pressure
- Acid resistant
- High distribution uniformity
- Low bridge "shade"



TECHNICAL DATA

Model	Color code	Size nozzle diameter (mm)	Pressure (bar)	Flow rate (l/h)	Wetted diameter at 1 m height	Trajectory cm's at 2-3 m	Swivel code color HF swivel
200	Yellow	1.89	1.5	171	10.0	55	Gray
200	Yellow	1.89	2.0	197	10.0	60	Gray
200	Yellow	1.89	2.5	221	10.0	65	Gray
200	Yellow	1.89	3.0	242	10.0	70	Gray
200	Yellow	1.89	3.5	262	10.0	75	Gray
250	Purple	2.14	1.5	216	11.0	60	Gray
250	Purple	2.14	2.0	250	11.0	65	Gray
250	Purple	2.14	2.5	280	11.0	70	Gray
250	Purple	2.14	3.0	306	11.0	75	Gray
250	Purple	2.14	3.5	331	11.0	80	Gray
300	Green	2.31	1.5	253	12.0	65	Gray
300	Green	2.31	2.0	293	12.0	70	Gray
300	Green	2.31	2.5	328	12.0	75	Gray
300	Green	2.31	3.0	359	12.0	80	Gray
300	Green	2.31	3.5	388	12.0	85	Gray

Swivel	nozzle		pressure	Distance between		CU	DU	SC	mm/hr
				heads	lines				
Gray	Yellow 200	Rectangular	2.00	5.00	5.00	93%	88%	1.2	9.10
Gray	Yellow 200	Rectangular	2.00	6.00	5.00	92%	89%	1.2	7.60
Gray	Yellow 200	Rectangular	2.00	5.00	6.00	92%	89%	1.2	7.60
Gray	Yellow 200	Rectangular	2.00	6.00	6.00	94%	92%	1.1	6.30
Gray	Yellow 200	Triangle	2.00	5.00	5.00	96%	94%	1.1	9.10
Gray	Yellow 200	Triangle	2.00	6.00	5.00	96%	92%	1.1	7.60
Gray	Yellow 200	Triangle	2.00	5.00	6.00	95%	93%	1.1	7.60
Gray	Yellow 200	Triangle	2.00	6.00	6.00	93%	89%	1.2	6.30
Gray	Yellow 200	Rectangular	2.00	7.00	5.00	91%	87%	1.2	6.50
Gray	Yellow 200	Rectangular	2.00	7.00	6.00	92%	90%	1.1	5.40
Gray	Yellow 200	Triangle	2.00	7.00	5.00	93%	90%	1.1	6.50
Gray	Yellow 200	Triangle	2.00	8.00	5.00	94%	90%	1.2	5.70
Gray	Yellow 200	Triangle	2.00	7.00	6.00	91%	88%	1.1	5.40
Gray	Yellow 200	Triangle	2.00	8.00	6.00	91%	86%	1.2	4.80
Gray	Purple 250	Rectangular	2.00	6.00	6.00	93%	90%	1.1	7.30
Gray	Purple 250	Triangle	2.00	6.00	6.00	95%	92%	1.1	7.30
Gray	Purple 250	Rectangular	2.00	7.00	7.00	91%	87%	1.2	5.40
Gray	Purple 250	Triangle	2.00	7.00	7.00	92%	88%	1.1	5.40
Gray	Purple 250	Rectangular	2.00	7.50	7.50	87%	78%	1.3	4.70
Gray	Purple 250	Triangle	2.00	7.50	7.50	88%	83%	1.2	4.70
Gray	Green 300	Rectangular	2.00	6.50	6.50	94%	91%	1.1	7.60
Gray	Green 300	Triangle	2.00	6.50	6.50	93%	89%	1.1	7.60
Gray	Green 300	Rectangular	2.00	7.00	7.00	95%	93%	1.1	6.60
Gray	Green 300	Triangle	2.00	7.00	7.00	91%	86%	1.2	6.60
Gray	Green 300	Rectangular	2.00	8.00	7.50	88%	81%	1.3	5.40
Gray	Green 300	Triangle	2.00	8.00	7.50	90%	85%	1.2	5.40

*All tests are at 1 m high in laboratory conditions and with Winspace® single grid.



Description	Catalog number
Nozzle 200 l/h	64120-001000
Nozzle 250 l/h	64120-001100
Nozzle 300 l/h	64120-001200



Description	Catalog number
Bridge	64120-002000



Description	Catalog number
Everspin® Sapphire bearing	64120-001700



Description	Catalog number
LR gray swivel	64120-001500

Note: for vegetable stands and tubes, please turn to page 37.

035

6

Connector

1/2" male thread.....6

1

Rotor

Gray long range.....1

-

Flow (l/h)

200 200
250 250
300 300

Metal rod stand w/adaptor

6 mm.....6
8 mm.....8

-

Stand assembly

Field stand 1m 6/8 PE tube, male+female/barbed connectors for lateral w/o rod..... 101

Field stand 1m 9/12 PE tube, male+female/barbed connectors for lateral w/o rod..... 081

Attention! Using PE 6/8 causes significant head losses. Please consult Hydrocalc.

CoolNet®

For evaporative cooling, humidifying, rooting and chemical applications

- Micro sized droplets at any pressure
- Acid resistant (AA) raw materials
- Bridgeless design eliminates dripping
- Interchangeable components



Ordering guide
03440-007-300-9
(this configuration)



Ordering guide
03420-007-302-9
(this configuration)

Blind nozzles



Ordering guide
03410-007-302-9
(this configuration)

Cooling with Netafim CoolNet®

- Please consult your agronomist if the water quality is suitable for use with the CoolNet.
- Netafim has developed a unique emitter, which sprays droplets of 30-90µ at a standard irrigation pressure of 3-4 bars.
- Cooling effect is being achieved through water evaporation into the air, a process that absorbs 560 calories per each gram of water.
- CoolNet units are spread throughout the greenhouse for best distribution. Sensors with predetermined activation temperature and/or humidity levels are activating relevant valves.
- Length of pulse and interval are subject to local conditions such as external temperature, humidity, size and type of construction and crop.
- In order to maximize the cooling effect, exhaust-fans are recommended in order to exchange the air about 20 times per hour (about 2x48" fans per 1000 m²).

Humidifying with Netafim CoolNet®

- Using an identical technique as in the cooling, CoolNet could serve as a humidifier.
- Several crops require elevation of humidity in the air with or without wetting the vegetation. Working with identical pulse technique provides here identical results.
- In heated greenhouses, where air is dry due to the heating system, in mushroom habitats, Tropical pot nurseries etc, the CoolNet humidifies perfectly.

Propagating with Netafim CoolNet®

- Rooting cuttings and shoots require highly precise humidified environment. CoolNet is perfect for this purpose.
- For hardening (irrigation) use SpinNet (page 23-27).

General application recommendations:

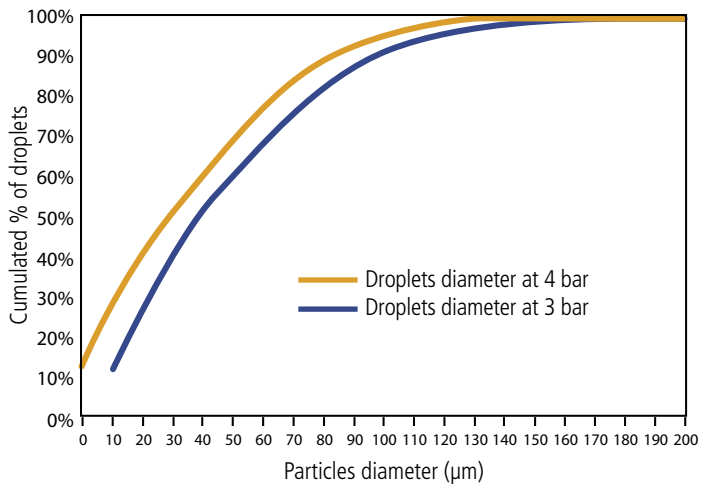
		(m)	(m)	(m)	(m)	(m)	(m)
Distance between units		1.00	1.50	2.00	3.00	2.00	3.00
Distance between lines		2.00	3.20	3.00	3.00	4.00	4.00
Units per 1000 m ²		500	208	167	111	125	83
Single Coolnet 1X7.5 l/h	Pulse*	3	5	10	20	30	40
	Interval*	50	30	50	60	111	85
Tee Coolnet 2X7.5 l/h	Pulse*	2	5	10	20	30	40
	Interval*	70	70	115	145	251	210
Cross Coolnet 4X5.0 l/h	Pulse*	2	5	8	15	20	30
	Interval*	60	80	100	120	250	300
Cross Coolnet 4X7.5 l/h	Pulse*	1	3	5	10	20	30
	Interval*	74	91	120	150	355	345

*Pulse-duration of operation in seconds, Interval-duration of pause in seconds.

- These recommendations are general and should be applied in accordance with local conditions and limitations.
- Duration of pulse and interval is to be finally tuned according to local conditions (i.e.- trial and error)
- Try to minimize length of pulse while making intervals sufficiently long to enable proper vaporization.
- For cooling, make sure there is proper air exchange either natural or with fans.



DROPTTEST



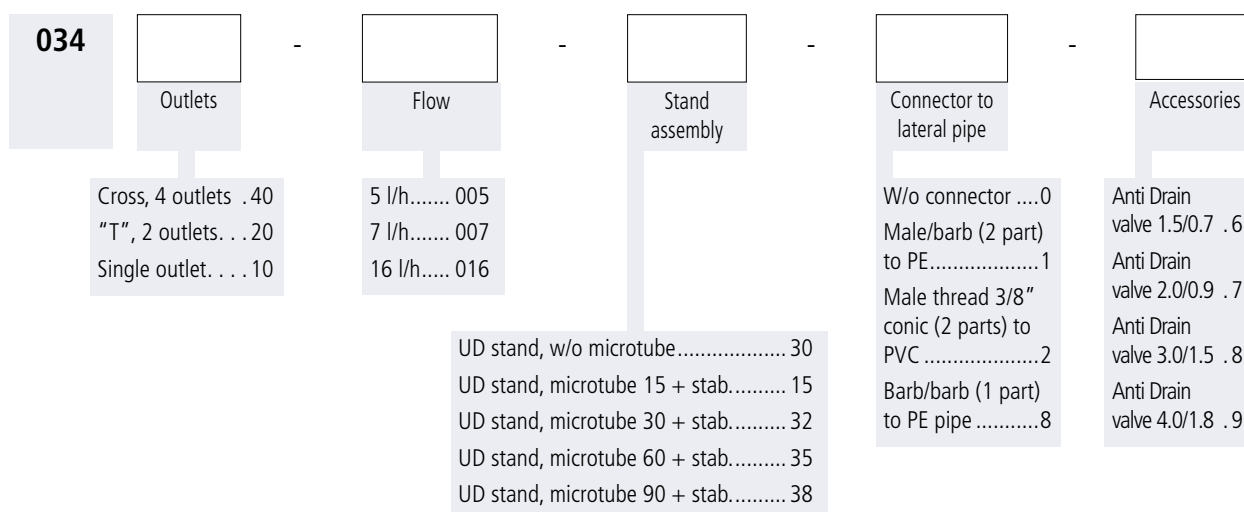
Droplets size of CoolNet 7.5 l/h nozzle as tested by the CEMAGREF French insititute.

(Cemagref Test Report N° 153/GB 2002-11-15)

• Recommended working pressure: 3-4 bar • Recommended filtration: 200 mesh

CoolNet®	Nozzle color code	Size nozzle Ø (mm)	Pressure (bar)	Flow rate (l/h)	Misted range (m)
1 x 5.0	purple	0.62	3.0	4.9	1.5
			4.0	5.5	
1 x 7.5	Light gray	0.62	3.0	6.5	1.5
			4.0	7.5	
			5.0	8.4	
4 x 5.0	purple	0.62	3.0	17.5	1.5
			4.0	19.8	
4 x 7.5	Light gray	0.62	3.0	26.0	1.5
			4.0	30.0	
			5.0	34.0	
1 x 16	Sky blue	0.91	3.0	14.0	1.5
			4.0	16.0	
			5.0	18.0	
2 x 16	Sky blue	0.91	3.0	28.0	1.5
			4.0	32.0	
			5.0	36.0	
4 x 16	Sky blue	0.91	3.0	56.0	1.5
			4.0	64.0	
			5.0	72.0	

NOTE: The performance data have been recorded under ideal test conditions. Coolnet performance may be adversely affected by poor hydraulic entrance, wind and other factors. Drop size is within the pressure range: 100 micron - MMD (Mass Median Diameter)





Description	Catalog number
A.D. valve male/female, orange pin 40/18	63000-003200



Description	Catalog number
Cross body + 4 heads x 5.0	63100-015850

Cross body + 4 heads x 7.5	63100-001000
----------------------------	--------------

Body + 4 heads x 16.0	63100-006500
-----------------------	--------------

Cross body + 1 head x 5.0	63100-015500
---------------------------	--------------

Cross body + 1 head x 7.5	63100-004000
---------------------------	--------------

Body + 1 head x 16.0	63100-011000
----------------------	--------------



Description	Catalog number
Nozzle 5.0 (purple color)	63120-001950

Nozzle 7.5 (light gray color)	63120-001900
-------------------------------	--------------

Nozzle 16 (light blue color)	63120-002000
------------------------------	--------------

Nozzle 0.0 plugged (orange)	63120-001850
-----------------------------	--------------



Description	Catalog number
Connector barb/female	63000-001950



Description	Catalog number
Connector male/male	63000-001450



Description	Catalog number
Connector barb/male	63000-002060



Description	Catalog number
Connector barb/barb	63000-001350



Description	Catalog number
Connector 3/8" conic threaded/female	63000-002120

(Recommended use 7.9 mm. drill and screw- tap 3/8"BSW)



Description	Catalog number
Connector M11F/female	63000-002170

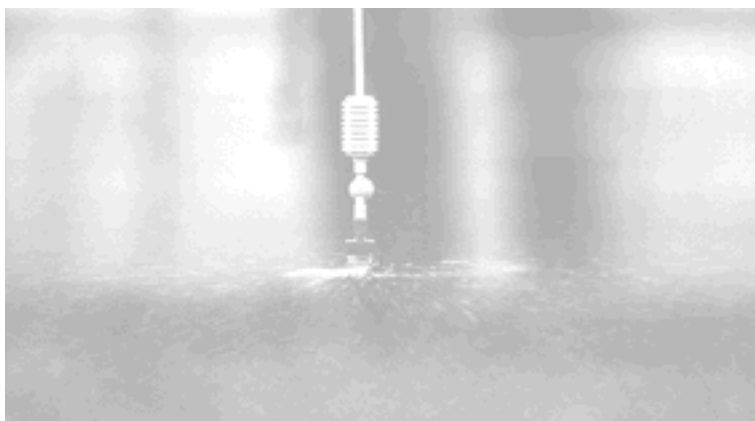
(Recommended use 9.8 mm drill and screw-tap M11x1)

Note: For micro tubes, please turn to page 28.

SpinNet

For Greenhouses, Nurseries,
Net-houses & Cooling Systems

- Bridgeless micro-sprinkler (no dripping)
- Flat and high trajectory
- Full overlap or strip irrigation
- Excellent distribution uniformity
- Acid resistant (AA)



SpinNet parts

SD (Shoulder
Distribution)
connector

Nozzle

- Green swivel for extensive full overlap irrigation (standard)
- Green swivel with SD for strip irrigation
- Gray swivel for full overlap with flat trajectory

SpinNet • Working pressure: 2.0 - 3.0 bar • Filtration: 120 mesh

Model	Color code	Pressure	Flow	Nozzle Ø	Wetted Ø	Trajectory	Wetted Ø	Trajectory
		(bar)	(l/h)	(mm)	gray flat swivel (m)*	height above head (cm)	green swivel (m)*	height above head (cm)
		2.0	62					
70	Black	2.5	70	1.07	6.00	19	7.50	37
		3.0	76					
		2.0	68					
SD120/70	Red/Red	2.5	74	1.29	7.50	20	7.50	24
		3.0	79					
		2.0	81					
90	Orange	2.5	91	1.22	7.00	25	8.00	34
		3.0	100					
		2.0	87					
SD160/90	Brown/Brown	2.5	90	1.50	7.50	15	8.00	20
		3.0	100					
		2.0	87					
SD200/90	Yellow/Yellow	2.5	94	1.50	7.00	15	8.00	20
		3.0	100					
		2.0	110					
120	Red	2.5	123	1.44	8.50	25	9.00	41
		3.0	135					
		2.0	118					
SD200/120	Yellow	2.5	128	1.71	7.50	15	9.00	26
		3.0	137					
		2.0	159					
160	Brown	2.5	178	1.76	8.50	18	9.00	28
		3.0	195					
		2.0	180					
200	Yellow	2.5	202	1.86	9.00	25	10.00	28
		3.0	220					

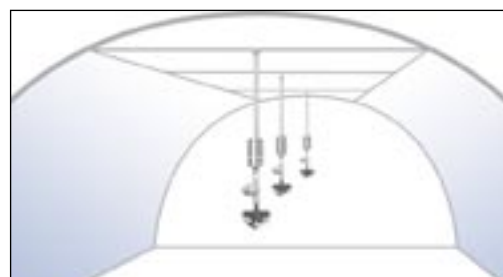
* 180 cm. height above crop at 2.0 bar

035

			-			-	
Inlet conn. Male, press fit	Swivel	Flow		Stand* assembly	Connector to lateral pipe		Accessories
	Flat.....1 SD.....2	70 l/h.....070 90 l/h.....090 120 l/h.....120 160 l/h.....160 SD120/70.....12070 SD160/90.....16090 SD200/120 . 200120 SD200/90.....20090		UD stand 00 UD stand, microtube 15 cm + stabilizer 15 UD stand, microtube 30 cm + stabilizer 32 UD stand, microtube 60 cm + stabilizer 35	Male/barb (2 parts) to PE pipe 1 Male/threaded 3/8" conic (2 parts) to PVC pipe 2 Barb/barb (1 part) to PE pipe. 8		Anti Drain valve 1.5/0.7.....6 Anti Drain valve 2.0/0.97 Anti Drain valve 3.0/1.5.....8

* Standard micro-tube:
SSPE 4*6.5 ()

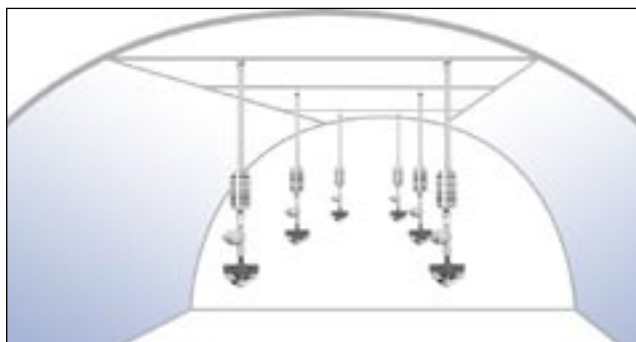
Single line irrigation in tunnel or greenhouse bay width 3.0-8.0 m



Model	Swivel	Nozzle	Pressure (bar)	Distance between sprinklers (m)	Strip Width (m)	CU (%)	DU (%)	SC (5%)	Precipitation	Height (m)
Single line irrigation of 3.00 m tunnel or greenhouse bay										
SpinNet SD	Green	120/70	2.00	1.50	3.00	92%	90%	1.2	6.7	1.50
SpinNet SD	Green	120/70	2.00	1.00	3.00	97%	95%	1.1	10.1	1.50
SpinNet SD	Green	160/70	2.00	0.80	3.00	95%	93%	1.1	13.5	1.50
SpinNet SD	Gray	160/70	2.50	0.70	3.00	97%	95%	1.1	16.5	1.50
SpinNet SD	Gray	160/70	2.00	0.80	3.00	95%	95%	1.1	20.3	0.90
4.00 m tunnel or greenhouse bay										
SpinNet SD	Green	120/70	2.00	1.40	4.00	91%	87%	1.1	7.0	1.50
SpinNet SD	Green	120/70	2.00	1.00	4.00	95%	92%	1.1	9.9	1.50
SpinNet SD	Gray	160/70	2.50	0.80	4.00	97%	95%	1.1	15.0	1.80
SpinNet SD	Gray	200/120	2.50	1.10	4.00	91%	86%	1.2	20.1	1.80
SpinNet SD	Green	200/120	2.00	0.80	4.00	91%	91%	1.1	20.1	1.50
Single line irrigation of 5.00 m tunnel or greenhouse bay										
SpinNet SD	Green	120/70	2.00	1.20	5.00	94%	90%	1.1	8.0	3.00
SpinNet SD	Green	120/70	2.00	1.00	5.00	95%	91%	1.1	10.0	2.50
SpinNet SD	Green	200/120	2.00	1.20	5.00	92%	89%	1.1	13.3	1.50
SpinNet SD	Green	200/120	2.00	1.00	5.00	93%	91%	1.1	16.0	1.50
SpinNet SD	Green	200/120	2.00	0.80	5.00	93%	92%	1.1	20.0	1.50
Single line irrigation of 6.00 m tunnel or greenhouse bay										
SpinNet SD	Green	120/70	2.00	1.10	6.00	93%	90%	1.1	8.5	3.00
SpinNet SD	Green	160/90	2.50	1.40	6.00	93%	90%	1.1	10.0	1.50
SpinNet SD	Green	160/90	2.50	1.10	6.00	95%	92%	1.1	12.0	1.80
SpinNet SD	Green	200/120	2.00	1.00	6.00	93%	92%	1.1	15.0	1.80
SpinNet SD	Green	200/120	2.50	1.00	6.00	91%	90%	1.1	16.3	1.80
Single line irrigation of 6.40 m tunnel or greenhouse bay										
SpinNet SD	Green	120/70	2.00	1.20	6.40	93%	90%	1.1	8.1	2.50
SpinNet SD	Green	200/120	2.00	1.50	6.40	92%	90%	1.1	10.0	1.80
SpinNet SD	Green	160/90	2.50	1.10	6.40	95%	92%	1.1	12.0	1.80
SpinNet SD	Green	200/120	2.00	1.00	6.40	93%	92%	1.1	15.0	1.80
SpinNet SD	Green	200/90	2.00	0.70	6.40	91%	89%	1.1	19.1	2.00
Single line irrigation of 7.00 m tunnel or greenhouse bay										
SpinNet SD	Green	120/70	2.00	1.30	7.00	93%	89%	1.1	7.5	2.50
SpinNet SD	Green	160/90	2.00	1.20	7.00	95%	93%	1.1	10.1	3.00
SpinNet SD	Green	160/90	2.00	1.00	7.00	94%	89%	1.1	12.6	2.00
SpinNet SD	Green	200/120	2.00	1.00	7.00	89%	89%	1.1	15.5	3.00
SpinNet SD	Green	200/90	2.00	0.70	7.00	90%	85%	1.1	18.7	2.00
Single line irrigation of 8.00 m tunnel or greenhouse bay										
SpinNet SD	Green	120/70	2.00	1.30	8.00	93%	89%	1.1	7.0	3.00
SpinNet SD	Green	160/90	2.00	1.00	8.00	95%	92%	1.1	12.0	3.00
SpinNet SD	Green	200/120	2.00	1.00	8.00	88%	83%	1.2	15.0	3.00

Note: All distribution uniformities results are in laboratory conditions according to Winspace method.

Double line irrigation in tunnel or greenhouse bay width 8.0-14.0 m



Model	Swivel	Nozzle	Pressure (bar)	Distance between sprinklers (m)	Distance between lines (m)	Strip Width (m)	CU (%)	DU (%)	SC (5%)	Precipitation	Height (m)
Double line irrigation of 7.00 m tunnel or greenhouse bay											
SpinNet SD	Gray	200/90	2.50	1.00	5.10	7.00	90%	88%	1.2	19.50	1.50
SpinNet SD	Gray	200/90	2.50	1.00	5.20	7.00	91%	88%	1.2	19.30	1.50
Double line irrigation of 8.00 m tunnel or greenhouse bay											
SpinNet SD	Gray	120/70	2.50	1.70	5.20	8.00	89%	88%	1.1	8.00	1.80
SpinNet SD	Gray	120/70	2.50	1.10	5.40	8.00	92%	89%	1.1	12.00	1.80
SpinNet SD	Gray	120/70	2.50	1.00	5.00	8.00	90%	89%	1.1	14.00	1.50
SpinNet SD	Gray	200/90	2.50	1.00	5.30	8.00	92%	88%	1.1	18.90	1.50
Double line irrigation of 9.00 m tunnel or greenhouse bay											
SpinNet SD	Green	160/90	2.00	1.20	7.20	9.00	93%	91%	1.1	10.70	2.00
SpinNet SD	Gray	120/70	2.50	1.10	5.40	9.00	92%	88%	1.1	12.00	1.50
SpinNet SD	Green	160/90	2.00	1.00	7.30	9.00	91%	90%	1.1	15.50	1.80
SpinNet SD	Gray	200/120	2.50	1.10	5.70	9.00	92%	88%	1.1	20.80	1.80
Double line irrigation of 10.00 m tunnel or greenhouse bay											
SpinNet SD	Green	160/90	2.00	1.40	7.10	10.00	93%	89%	1.1	9.20	2.00
SpinNet SD	Green	160/90	2.00	1.50	7.40	10.00	91%	89%	1.1	10.20	1.80
SpinNet SD	Green	160/90	2.00	1.20	7.40	10.00	91%	90%	1.1	12.70	1.80
Double line irrigation of 12.00 m tunnel or greenhouse bay											
SpinNet SD	Green	160/90	2.00	1.40	7.20	12.00	92%	88%	1.1	9.10	2.00
SpinNet SD	Green	160/90	2.50	1.10	7.30	12.00	95%	92%	1.1	12.00	1.80
SpinNet SD	Green	200/120	2.00	0.80	7.00	12.00	90%	90%	1.1	19.50	1.80
Double line irrigation of 14.00 m tunnel or greenhouse bay											
SpinNet SD	Green	160/90	2.50	1.40	7.40	14.00	93%	89%	1.1	9.30	1.80
SpinNet SD	Green	160/90	2.50	1.10	7.30	14.00	95%	92%	1.1	12.00	1.80
SpinNet SD	Green	160/90	2.50	0.80	7.00	14.00	93%	91%	1.1	16.70	1.80
SpinNet SD	Green	160/90	2.50	0.70	7.00	14.00	92%	90%	1.1	19.20	1.80

Note: All distribution uniformities results are in laboratory conditions according to Winspace method.

Full house irrigation



Model	Swivel	Nozzle boquilla	Sprinkler position	Pressure (bar)	Distance between sprinklers (m)	Distance between lines (m)	CU %	DU %	SC (5%)	Precipitation (mm/h)	Height (m)
SpinNet	Green	160	Triangular	2.50	5.50	5.10	93%	90%	1.1	5.20	1.80
SpinNet	Green	200	Triangular	2.00	5.90	5.10	94%	90%	1.1	5.50	1.80
SpinNet	Green	70	Rectangular	2.00	2.30	4.90	93%	91%	1.1	5.00	1.80
SpinNet	Gray	90	Rectangular	2.50	3.50	4.00	91%	89%	1.1	6.00	1.80
SpinNet	Green	200	Triangular	2.00	5.50	5.00	96%	95%	1.1	6.00	1.80
SpinNet	Green	120	Rectangular	2.00	5.30	2.60	95%	93%	1.1	7.00	1.80
SpinNet	Green	120	Rectangular	2.00	2.60	5.30	95%	93%	1.1	7.00	1.80
SpinNet	Green	120	Rectangular	2.00	2.40	4.50	96%	94%	1.1	9.00	1.80
SpinNet	Green	120	Rectangular	2.00	4.20	2.30	95%	92%	1.1	10.00	1.80
SpinNet	Green	120	Rectangular	2.00	2.30	4.20	95%	92%	1.1	10.00	1.80
SpinNet	Green	120	Rectangular	2.00	2.00	4.00	94%	91%	1.1	12.10	1.80
SpinNet	Gray	160	Triangular	2.50	3.30	4.00	94%	92%	1.1	12.10	1.80
SpinNet	Gray	120	Rectangular	3.00	3.50	2.60	93%	90%	1.1	14.00	1.80
SpinNet	Gray	120	Rectangular	3.00	2.60	3.50	93%	90%	1.1	14.00	1.80
SpinNet	Gray	120	Rectangular	3.00	2.40	3.80	93%	90%	1.1	14.00	1.80
SpinNet	Gray	200	Triangular	2.50	4.00	3.50	91%	90%	1.1	14.00	1.80
SpinNet	Gray	200	Triangular	2.50	3.40	4.10	92%	90%	1.1	14.00	1.80
SpinNet	Gray	200	Triangular	2.50	3.10	4.50	92%	90%	1.1	14.00	1.80
SpinNet	Gray	160	Triangular	2.50	5.20	2.20	94%	90%	1.1	14.00	1.80
SpinNet	Gray	160	Triangular	2.50	4.40	2.60	94%	90%	1.1	14.00	1.80
SpinNet	Green	160	Triangular	2.50	2.20	3.80	92%	91%	1.1	17.50	1.80
SpinNet	Gray	200	Triangular	2.50	3.10	3.60	94%	92%	1.1	17.50	1.80


Note: All distribution uniformities results are in laboratory conditions according to Winspace method.

Microtubes SSPE 4 *6.5 Gray


03-

490	-		-	
		Tube length		Connector to lateral pipe


15 cm (6 inch)015	w/o..... 0
30 cm (12 inch) . . .030	1 male + 1 female
45 cm (18 inch) . . .046	+ stabilizer 2233
60 cm (24 inch) . . .060	1 barb + 1 female
75 cm (30 inch) . . .076	+ stabilizer 2433
90 cm (36 inch) . . .090	
122 cm (42 inch) . .120	
151 cm (60 inch) . .151	
Special length500	




Description	Ordering guide
Microtube + male + female connectors + stabilizer (length)	
15	63000-003550
30	63000-003820
45	63000-004320
60	63000-005620
75	63000-006220
90	63000-006920
120	63000-008120
150	63000-008720




Description	Ordering guide
Microtube + barb + female connectors + stabilizer (length)	
15	63000-003570
30	63000-004060
45	63000-004450
60	63000-005860
75	63000-006450
90	63000-007160
120	63000-008350
150	63000-008950




Description	Catalog number
Microtube alone (length)	
15	63000-012900
30	63000-013000
45	63000-013100
60	63000-013200
75	63000-013300
90	63000-013400
120	63000-013500
150	63000-013600



Description	Catalog number
Microtube alone 200 m coil	40000-004850
Microtube alone 500 m coil	40000-004950



Description	Catalog number
SPE pipe 6*8	
120 cm length	63000-010900
100 m coil	63000-011210
200 m coil	63000-011250




Description	Catalog number
SPE pipe 9*12	
120 cm length	40000-005510
100 m coil	40000-005530


03-

480	-		-	
		Tube length		Connector to lateral pipe


30 cm (12 inch) . . . 030	w/o..... 0
45 cm (18 inch) . . . 046	1 barb..... 8
60 cm (24 inch) . . . 060	1 male 21
75 cm (30 inch) . . . 076	1 male + 1 female 22
90 cm (36 inch) . . . 090	1 barb + 1 female 24
122 cm (42 inch) . . 120	
151 cm (60 inch) . . 151	
Special length . . . 500	




Description	Catalog number
Microtube + male connector (length)	
30	63000-003600
45	63000-005200
60	63000-005400
75	63000-006000
90	63000-006700
120	63000-007900
150	63000-008500




Description	Catalog number
Microtube + male + female connectors (length)	
30	63000-003700
45	63000-004200
60	63000-005500
75	63000-006100
90	63000-006800
120	63000-008000
150	63000-008600
Special length	63000-009300




Description	Catalog number
Microtube alone (length)	
30	63520-009350
45	63520-009400
60	63520-009600
75	63520-009500
90	63520-009800
120	63520-010000
150	63520-010100
Special length	63520-010300



Description	Catalog number
Microtube + barb + female connectors (length)	
30	63000-004000
45	63000-004400
60	63000-005800
75	63000-006400
90	63000-007100
120	63000-008300
150	63000-008900
Special length	63000-009600



Description	Catalog number
Microtube alone 200 m coil	40000-004800
Microtube alone 500 m coil	40000-004900



Description	Catalog number
Microtube + barb connector (length)	
30	63000-004100
45	63000-004500
60	63000-005900
75	63000-006500
90	63000-007200
120	63000-008400
150	63000-009000



Description	Catalog number
A.D. valve male/female, blue pin 1.5/07	63000-002980
A.D. valve male/female, purple pin 20/09	63000-003000
A.D. valve male/female, green pin 30/1.5	63000-003100
A.D. valve male/female, orange pin 40/1.8	63000-003200



Description	Catalog number
A.D. valve barb/barb, blue pin 1.5/07	63000-003383
A.D. valve barb/barb, purple pin 20/09	63000-003305
A.D. valve barb/barb, green pin 30/1.5	63000-003310
A.D. valve barb/barb, orange pin 40/1.8	63000-003315



Description	Catalog number
Stabilizer for upside down stands, 5 cm	63000-002910



Description	Catalog number
Universal Stake 30 cm, blue	63000-009800
Universal Stake 30 cm, brown	63000-009850
Universal Stake 30 cm, black	63000-009750



Ø 6 mm

Description	Catalog number
Supernet stand adapter 6 mm (blue)	63520-005950



Ø 8 mm

Description	Catalog number
Supernet stand adapter 8 mm (black)	63520-005970



Description	Catalog number
Supernet stake 30 cm, blue	63520-005900
Supernet stake 30 cm, brown	63520-010350



Description	Catalog number
Universal stand adapter Ø4.5 mm (black)	64020-002150
Universal stand adapter Ø6 mm (blue)	64020-001310
Universal stand adapter Ø8 mm (black)	64020-002100



Description	Catalog number
Steel stake 6 mm Ø, 60 cm length	65080-001000
Steel stake 6 mm Ø, 100 cm length	65080-001100
Steel stake 6 mm Ø, 120 cm length	65080-001200
Steel stake 8 mm Ø, 60 cm length	65080-001500
Steel stake 8 mm Ø, 100 cm length	65080-001600
Steel stake 8 mm Ø, 120 cm length	65080-001700



Description	Catalog number
Clamp for metal stakes	64420-003000



Description	Catalog number
Clamp for wood stakes	64420-003100




Description	Catalog number
Level	64420-003300




Description	Catalog number
Pressure measuring point 1/4'' NF for PVC tube	63000-002700




Description	Catalog number
Pressure measuring point for polyethylene tube	63000-002800




Description	Catalog number
Connector barb/female	63000-001900 (black) 63000-001950 (gray)




Description	Catalog number
Connector barb/male	63000-002000 (black) 63000-002060 (gray)




Description	Catalog number
Connector barb/barb	63520-006000 (black) 63000-001350 (gray)




Description	Catalog number
Connector barb/self tapping	63520-006100 (black)




Description	Catalog number
Screen connector	63000-003400 (red)




Description	Catalog number
Connector self tapping/self tapping	63520-006150 (black)



Description	Catalog number
Connector male/male	63000-001400 (black) 63000-001450 (gray)




Description	Catalog number
Connector female/female	63000-001500 (black)




Description	Catalog number
Connector screw 3/8" conic/female	63000-002100 (black)
Connector screw 3/8" conic/female	63000-002120 (gray)

(Recommended use 7.9 mm. drill and screw- tap 3/8"BSW)




Description	Catalog number
Adapter male/male, to "Dan" emitters	63000-002600 (blue)




Description	Catalog number
Adapter female/female to "Dan" stand	63000-002500 (blue)




Description	Catalog number
Plug (blue)	63000-002400



Description	Catalog number
Connector screw 1/2 inch internal/female (black)	63000-001200
Connector screw 1/2 inch internal/female (gray)	63000-001250




Description	Catalog number
Connector screw 3/4 inch internal/female	63000-001300



Description	Catalog number
M11F/female (black)	63000-002150
M11F/female (gray)	63000-002170

(Recommended use 9.8 mm drill and screw-tap M11x1)



Description	Catalog number
Connector screw 3/8" ext./female (black AA)	63000-001150
Connector screw 1/2" ext./female (black AA)	63000-001180



Description	Catalog number
Connector barb/flat female	63000-001880

Note: Some connectors are available in gray.

PowerNet

Medium size sprinkler for irrigation, frost fighting, cooling and chemical treatments

- Heavy Duty
- Slow Rotation, no impact
- Durable plastics
- Versatile swivels and nozzles
- Available with flow compensation



• Working pressure: 2.5 - 3.5 bar • Nominal flow at 2.5 bar • Filtration 40 mesh

Model	Rotor	Nozzle code color	Trajectory angle* code color	Pressure (bar)	Floe rate (l/h)	Wetted Ø* (m)	Catalog number
PowerNet	blue	gray	9	2.5	162	13	64500-003400
PowerNet	blue	white	9	2.5	180	13	64500-003600
PowerNet	blue	blue	9	2.5	235	13	64500-003800
PowerNet	purple	gray	15	2.5	162	15	64500-004000
PowerNet	purple	white	15	2.5	180	15	64500-004200
PowerNet	purple	blue	15	2.5	235	15	64500-004400
PowerNet	brown	blue	24	2.5	235	18	64500-010500
PowerNet	brown	orange	24	2.5	294	18	64500-010600
PowerNet Turbo	brown	purple	24	2.5	347	18	64500-010700
PowerNet Turbo	brown	yellow	24	2.5	411	18	64500-010600
PowerNet	yellow	blue	15	2.5	235	17	64500-004450
PowerNet	yellow	orange	15	2.5	294	17	64500-004500
PowerNet Turbo	yellow	purple	15	2.5	347	17	64500-004600
PowerNet Turbo	yellow	yellow	15	2.5	411	17	64500-004650
PowerNet FC	brown	1.00FC	24	2.5	227	18	64500-011300
PowerNet FC	brown	1.25FC	24	2.5	284	18	64500-011400
PowerNet FC	brown	1.50FC	24	2.5	341	18	64500-011500

* 9° trajectory angle at 50 cm above the ground, 15° trajectory angle at 1 m above the ground, 24° trajectory angle at 1 m above the ground.

03AN

Model

Head only H00
 Compl. stand* C86
 Compl. stand w/o stake .. C87
 Parts P00

* Complete stand includes:
 Powernet head + adaptor to 8 mm stake + 1.2 meter 9/12 PE tube + 1.2 meter 8mm galvanized stake + connector to lateral pipe

Trajectory angle

9°09
 15°15
 24°24
 15HF^o high flow.....15HF

Nozzle size

1.6565
 1.7870
 1.9878
 2.1886
 2.3994
 2.59102
 1.0 FC 1.0FC
 1.25FC..... 1.25FC
 1.50FC..... 1.5FC

Netafim Sprinkler	Swivel Rotor	Nozzle Boquilla	Sprinklers Position	Pressure (bar)	Distance between sprinklers (m)	Distance between lines (m)	CU (%)	DU (%)	SC (5%)	Precipitation (mm/h)	Height (m)
PowerNet	BlueP6 9	Blue78	Triangle	2.50	6.00	6.00	94%	90%	1.1	7.40	1.00
PowerNet	BrownP8 24	Blue78	Triangle	3.00	6.00	6.00	93%	90%	1.1	7.50	1.00
PowerNet	BlueP6 9	White70	Triangle	2.50	7.00	7.00	90%	85%	1.2	4.30	1.00
PowerNet	BlueP6 9	White70	Rectangular	3.00	7.00	7.00	90%	87%	1.2	4.80	1.00
PowerNet	BlueP6 9	Blue78	Rectangular	2.50	7.00	7.00	92%	86%	1.2	5.50	1.00
PowerNet	BlueP6 9	Blue78	Rectangular	3.00	7.00	7.00	94%	91%	1.1	6.30	1.00
PowerNet	BlueP6 9	Blue78	Triangle	3.00	7.00	7.00	92%	87%	1.2	6.30	1.00
PowerNet	PurpleP6 15	Gray65	Rectangular	2.50	7.00	7.00	91%	87%	1.1	3.20	1.00
PowerNet	PurpleP6 15	Gray65	Triangle	2.50	7.00	7.00	89%	83%	1.2	3.20	1.00
PowerNet	BrownP8 24	Blue78	Rectangular	3.00	7.00	7.00	91%	87%	1.2	5.50	1.00
PowerNet	BrownP8 24	Blue78	Triangle	2.50	7.00	7.00	88%	85%	1.2	5.30	1.00
PowerNet	BrownP8 24	Orange86	Triangle	3.00	7.00	7.00	89%	88%	1.1	7.30	1.00
PowerNet	BrownP8 24	Orange86	Triangle	2.50	7.00	7.00	87%	85%	1.2	6.80	1.00
PowerNet	BrownP8 24	Purple94	Triangle	3.00	7.00	7.00	89%	86%	1.2	7.80	1.00
PowerNet	BrownP8 24	Purple94	Triangle	2.50	7.00	7.00	89%	84%	1.2	7.30	1.00
PowerNet	PurpleP6 15	Reg.10FC	Rectangular	2.50	7.00	7.00	93%	90%	1.1	4.00	1.00
PowerNet	PurpleP6 15	Reg.10FC	Triangle	2.50	7.00	7.00	93%	92%	1.1	4.00	1.00
PowerNet	BlueP6 9	White70	Triangle	3.00	8.00	8.00	88%	84%	1.2	3.70	1.00
PowerNet	BlueP6 9	Blue78	Rectangular	2.50	8.00	8.00	90%	84%	1.2	4.20	1.00
PowerNet	BlueP6 9	Blue78	Triangle	2.50	8.00	8.00	90%	84%	1.2	4.20	1.00
PowerNet	BlueP6 9	Blue78	Rectangular	3.00	8.00	8.00	90%	86%	1.2	4.80	1.00
PowerNet	BlueP6 9	Blue78	Triangle	3.00	8.00	8.00	90%	87%	1.2	4.80	1.00
PowerNet	BrownP8 24	Blue78	Rectangular	3.00	8.00	8.00	93%	89%	1.1	4.20	1.00
PowerNet	BrownP8 24	Blue78	Triangle	3.00	8.00	8.00	92%	87%	1.2	4.20	1.00
PowerNet	BrownP8 24	Blue78	Triangle	2.50	8.00	8.00	85%	84%	1.2	4.10	1.00
PowerNet	BrownP8 24	Blue78	Rectangular	2.50	8.00	8.00	88%	84%	1.2	4.10	1.00
PowerNet	BrownP8 24	Orange86	Triangle	3.00	8.00	8.00	90%	85%	1.2	5.60	1.00
PowerNet	BrownP8 24	Orange86	Rectangular	2.50	8.00	8.00	90%	85%	1.2	5.20	1.00
PowerNet	BrownP8 24	Purple94	Rectangular	3.00	8.00	8.00	91%	87%	1.2	6.00	1.00
PowerNet	BrownP8 24	Purple94	Triangle	2.50	8.00	8.00	83%	81%	1.2	5.60	1.00
PowerNet	BrownP8 24	Yellow102	Rectangular	3.00	8.00	8.00	94%	91%	1.1	7.30	1.00
PowerNet	BlueP6 9	Blue78	Rectangular	2.50	9.00	9.00	91%	87%	1.1	3.30	1.00
PowerNet	BlueP6 9	Blue78	Triangle	2.50	9.00	9.00	91%	88%	1.2	3.30	1.00
PowerNet	BlueP6 9	Blue78	Triangle	3.00	9.00	9.00	89%	85%	1.2	3.80	1.00
PowerNet	BrownP8 24	Blue78	Triangle	3.00	9.00	9.00	94%	89%	1.1	3.40	1.00
PowerNet	BrownP8 24	Blue78	Triangle	2.50	9.00	9.00	88%	83%	1.2	3.20	1.00
PowerNet	BrownP8 24	Blue78	Rectangular	2.50	9.00	9.00	91%	86%	1.2	3.20	1.00
PowerNet	BrownP8 24	Orange86	Triangle	3.00	9.00	9.00	91%	88%	1.2	4.40	1.00
PowerNet	BrownP8 24	Orange86	Triangle	2.50	9.00	9.00	89%	84%	1.2	4.10	1.00
PowerNet	BrownP8 24	Purple94	Triangle	3.00	9.00	9.00	90%	85%	1.2	4.70	1.00
PowerNet	BrownP8 24	Purple94	Rectangular	2.50	9.00	9.00	94%	92%	1.1	4.40	1.00
PowerNet	BrownP8 24	Yellow102	Triangle	3.00	9.00	9.00	89%	86%	1.2	5.80	1.00

Note: all distribution uniformities results are in laboratory condition according to winspace method.

Accessories



9°



15°

Description	Catalog number
Road guard for 9°	64520-002600
Road guard for 15°	64520-002500

Note: for additional accessories. please turn to page 38.

R2000/WF

For irrigation, fertigation, frost fighting, cooling and chemical treatments

- Heavy duty
- Slow rotation
- Better performance in wind conditions
- Durable plastics
- Versatile usage



R2000 & R2000WF

ROTATOR R2000 & R2000WF

Model	Trajectory angle	Nozzle code color	Rotor code color	Pressure (bar)	Flow rate (l/h)	wetted diameter (m)	Max recomm. spacing
K424	24°	#13Yellow	Black	2.5	457	18	12X12
	24°	#13Yellow		3.0	481	20	12X12
	24°	#13Yellow		3.5	521	22	12X12
K424FC regulated	24°	FC1.5	Black	2.5-4.0	341	18	12X12
K524	24°	#15Tan	Blue	3.0	597	18	12X12
	24°	#15Tan		3.5	647	20	12X12
	24°	#15Tan		4.0	695	22	12X12
K524FC regulated	24°	FC2.5	Blue	2.5-4.0	568	21	12X12
WF18	27°	#18Gold	Gold	3.0	869	22	12X16
	27°	#18Gold		3.5	940	24	12x16
	27°	#18Gold		4.0	1001	26	12x16





Description	Catalog number
R2000 K424 24° Yellow #13 Nozzle 1/2" male	64500-010000



Description	Catalog number
R2000 K424 24° 1.5 FC Nozle 1/2" male	64500-010040

Description	Catalog number
R2000 K524 24° Tan #15 Nozzle 1/2" male	64500-010100

Description	Catalog number
R2000 K524 24° 2.5 FC Nozzle 1/2" male	64500-010200



Description	Catalog number
R2000WF18 Gold # 18 NOZ 1/2 male	64500-005700

Description	Catalog number
R2000 Roadguard #9879 high angle	64500-010400
R2000 524 FC 2.5	



Description	Catalog number
Sprinkler housing + 1.2 m Tube 9*12 + male conn. + female/barb conn. + stake adaptor Ø 8 mm	64520-002300



Description	Catalog number
1/2" female threaded sprinkler housing / barb	
For tube PE 9/12	65080-002825
For tube PE 13/16	65080-002830



Description	Catalog number
Stake adapter to rod 8 mm Ø	63520-005970



Description	Catalog number
Male/barb connector	
For tube PE 9/12	65080-002871
For tube PE 13/16	65080-002875



Description	Catalog number
Female/barb connector (for all sizes into lateral)	65080-002610



Description	Catalog number
Tube	
100 m PE 9/12 coil	40000-005530
100 m PE 16/4 coil	40500-004300



Description	Catalog number
Metal stake	
1.2 m 8 mm Ø	65080-001700

Vegetable stand

Field stand for sprinklers

Adjustable field stand for mobile and permanent sprinkler system.

Special lengths are available upon request.

The vegetable stand is suitable for the irrigation of vegetable crops and field crops, for use within greenhouses, cleaning greenhouse roofs, interior cooling, and so on.



Description	Catalog number
Complete stand w/o stake	
Sprinkler housing + 1.2 m Tube 6*8 + male conn. + female/barb conn. + stake adaptor Ø 6 mm	64520-002000

Sprinkler housing + 1.2 m Tube 9*12 + male conn. + female/barb conn. + stake adaptor Ø 8 mm	64520-002300
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Description	Catalog number
Parts	
Sprinkler adaptor + 1.2 m tube 6*8 + male conn.	64520-001900
Sprinkler adaptor + 1.2 m tube 9*12 + male conn.	64520-002280



Description	Catalog number
1/2" female threaded sprinkler housing / barb	
For tube SPE 6*8	64520-002100
For tube SPE 9*12	65080-002825
For tube PE 16	65080-002830



Description	Catalog number
Stake adapter	
To rod 6 mm Ø	63520-005950
To rod 8 mm Ø	63520-005970



Description	Catalog number
Male/barb connector	
For tube SPE 6*8	64520-002200
For tube SPE 9*12	65080-002871
For tube PE 16	65080-002875



Description	Catalog number
Female/barb connector (to all 3 possibilities)	65080-002610



Description	Catalog number
1/2"-1/2" sprinkler socket	65080-004500



Description	Catalog number
3/4"-1/2" sprinkler reducer coupling	65080-004600



Description	Catalog number
Male plug	65080-002880



Description	Catalog number
Tube	
1.2 m SPE 6*8	63000-010900
1.2 m SPE 9*12	40000-005510
100 m SPE 6*8 coil	63000-011210
100 m SPE 9*12 coil	40000-005530
100 m PE 16/4 coil	40500-004300




Description	Catalog number
Metal stake	
1.2 m 6 mm Ø	65080-001200
1.2 m 8 mm Ø	65080-001700





Description	Catalog number
Grommet to be connected to PVC pipe	32500-010450



Description	Catalog number
Start lay flat connector	63000-001830




Description	Catalog number
Punch 3 mm	45000-001000


Description	Catalog number
Universal service tool	63000-010050

- 1) To push the barb conn. into the lateral PE pipe.
- 2) To push the Vibro spray into a female conn.
- 3) To push the vibro mist into a female conn.
- 4) To release vibro emitters
- 5) To help screw the self tapping conn.




Description	Catalog number
Punch 3 mm + inserter	45000-001320
Punch 6 mm + inserter	45000-001310

(One side to punch the lateral pipe and the other to push the female connector into the lateral pipe)



Description	Catalog number
Cleaning tool (nozzle)	63520-011000


- 1) To clean the Supernet and Gyronet nozzles.
- 2) To release the diaphragm from its position




Description	Catalog number
Talli 4*7	45000-002250

(To push the barb/barb con. or the male/barb conn. into the 4 mm. ID microtube)


Tools for field stand



Description	Catalog number
Punch 8 mm	45000-001400




Description	Catalog number
Ø 8 mm Thread in punch	45000-003150




Description	Catalog number
Connector push	65080-002700

(To push the male quick conn. into the female quick con.)




Description	Catalog number
Inserter	65080-002750

(To push the 12 mm female/barb conn. into the lateral pipe)



Description	Catalog number
Hexagonal tool	63000-001860

(To secure the start lay flat conn. to the lateral pipe)



Description	Catalog number
Lay flat cutter	45000-001540

MistGuard

MistGuard misting

Up to 10 valves 24VAC OR single valve DC Latch

Built-in precision temperature and humidity sensors

Advanced control of Booster Pump and Pressure Relief Valve

Log temp and Humidity (min & max) and event logbook

MistGuard frost protection

Single station valve controller powered by 2 AA Alkaline battery

Built-in precision temperature and humidity sensors

Using chill-factor (evaporative cooling) to detect the frost point

Log temp and Humidity (min & max) and event logbook

Model	Catalog number
MistGuard, misting and frost controller	00045-001400
MistGuard, expansion board, 10 outputs	00045-001100





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