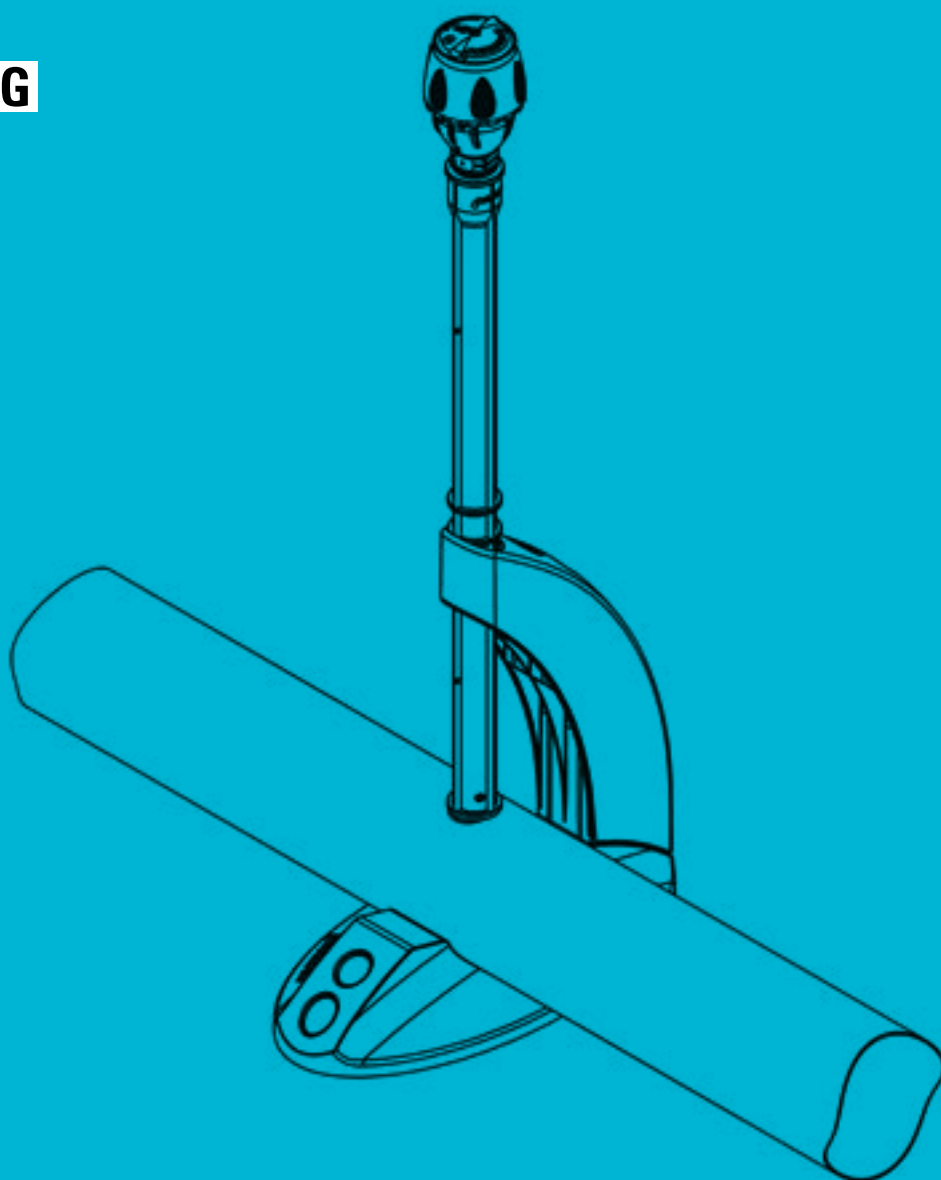


# MICRO SPRINKLERS MICRO EMITTERS SPRINKLERS

PRODUCT CATALOG



2018 V.1

Products appearing in this catalogue may be covered by one or more of the following US Patent No. 6863226 and other U.S. patents pending or corresponding issued or pending foreign patents

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## CONTENTS

|   |     |
|---|-----|
| 1) Pressure compensated Micro-sprinklers and Micro-emitters                         |     |
| SuperNet™ LR & LRD  | 4   |
| SuperNet™ MR & MRD  | 8   |
| SuperNet™ SR & SRD  | 10  |
| SuperNet™ SSR   | 14  |
| SuperNet™ UD  | 16  |
| SuperNet™ GS  | 20  |
| SuperNet™ JET   | 22  |
| SuperNet™ components  | 26  |
| Stripnet™ Pro   | 28  |
| Pulsar™ with StripNet™ Head   | 32  |
| Pulsar™ with GyroNet™ Head  | 34  |
| Pulsar™ with MistNet™ Head  | 38  |
| Pulsar™ with VibroNet™ Head   | 40  |
| Pulsar™ with CoolNet™ Pro Head  | 42  |
| 2) Micro-sprinklers and Micro-emitters  |     |
| GyroNet™ LR & LRD   | 44  |
| GyroNet™ MR & MRD   | 48  |
| GyroNet™ SR & SRD   | 50  |
| GyroNet™ UD   | 54  |
| GyroNet™ JET  | 58  |
| GyroNet™ components   | 61  |
| VibroNet™ SD  | 62  |
| 3) Micro-sprinklers and Micro-emitters Up-right stands complementary accessories    |     |
| Connectors and Stand accessories  | 64  |
| 4) Micro-emitters for nurseries and pot irrigation                                  |     |
| PC Spray Stakes   | 66  |
| Spray Stake   | 68  |
| 5) Micro-sprinklers and Micro-emitters for protected crops                          |     |
| SpinNet™  | 70  |
| SpinNet™ SD   | 74  |
| VibroNet™   | 78  |
| CoolNet™ Pro  | 82  |
| MistNet™  | 86  |
| CoolNet™ Pro and MistNet™ components  | 88  |
| 6) Micro-sprinklers and Micro-emitters Upside-down stands complementary accessories |     |
| Connectors and Stand accessories  | 89  |
| 7) Sprinklers and Midi-sprinklers   |     |
| GyroNet™ Turbo  | 90  |
| MegaNet™ 15D  | 94  |
| MegaNet™ 24D  | 98  |
| D-Net™ 8550   | 102 |
| D-Net™ 8550 AA  | 106 |
| D-Net™ 6550   | 108 |
| LWP 2450  | 112 |
| D-Net™ 9575   | 116 |
| D-Net™ 9575 AA  | 120 |
| HWP 2475  | 122 |
| 8) Sprinklers stands complementary accessories                                      |     |
| connectors and stand accessories  | 125 |
| 9) Netafim™ Flexible pipes, FlexNet™ and FlexNet™ HP                                | 126 |
| 10) Micro-tubes and tubes, complementary accessories                                | 128 |
| 11) Tools   | 131 |



## SUPERNET™ LR & LRD

### LONG RANGE & LONG RANGE WITH DEFLECTOR

#### APPLICATIONS

Irrigation of tree plantations with large root volumes.

#### SPECIFICATIONS

- LR means a revolving rotor irrigating a large area.
- LRD stream deflector concentrates all the water in the area surrounding the young tree during the initial growing period. When the tree grows, the stream deflector can be broken off, thus enabling extended irrigation diameter.
- Flow regulated micro-sprinkler, 9 different flow rates: 20, 30, 35, 40, 50, 58, 70, 90, 110 l/h.  
Flow rates within pressure range.
- Pressure range 1.5-4.0 bar.
- Recommended filtration: 200 micron / 80 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, pre treatment will be applied according to Netafim™ expert team's instructions.
- 5 types of inlet connectors:
  - Barb
  - Self tapping
  - Press fit
  - 3/8" male threaded
  - 1/2" male threaded
- 2 types of upper bearing:
  - Standard - for normal water
  - Everspin™ - for harsh condition
- The rotor is colored Purple for flows of 20 to 40 l/h, and Black for flows of 50 to 110 l/h.
- SuperNet™ micro-sprinklers meet ISO 8026 standards (SI 1406) with production certified by the Israel Standards Institute (SII).

#### FEATURES AND BENEFITS

- Unique regulation mechanism ensures even water and nutrients quantities per tree, uniform distribution and wetting diameter regardless of sprinkler's inlet pressures (within pressure range).
- Anti-ant mechanism prevents insect penetration into the area of the micro-sprinkler nozzle.
- Regulated micro-sprinkler made of plastic materials resistant to all agrochemicals & weather conditions.
- Water passage area 30% larger than in any other emitter with identical flow rate. The largest water passages on the market – resists clogging.
- Specially designed for fruit trees, orchards, deciduous and other tree crops requiring efficient water distribution.
- Can be used in Frost mitigation and/or Cooling irrigation systems.
- Long-term reliable service, simple, modular parts, clog resistant design.

## SUPERNET™ TECHNICAL DATA

| MODEL | FLOW RATE<br><br>(L/H)* | REGULATION CHAMBER CODE COLOR | NOZZLE SIZE<br><br>(MM) | WORKING PRESSURE RANGE<br><br>(BAR) | CONSTANT<br><br>K | EXPONENT*<br><br>X | WETTED DIAMETER (M)         |                              | SWIVEL (ROTOR) CODE COLOR |
|-------|-------------------------|-------------------------------|-------------------------|-------------------------------------|-------------------|--------------------|-----------------------------|------------------------------|---------------------------|
|       |                         |                               |                         |                                     |                   |                    | LR MODEL 20 CM ABOVE GROUND | LRD MODEL 20 CM ABOVE GROUND |                           |
| 020   | 20                      | Purple                        | 0.89                    | 1.5 - 4.0                           | 20                | 0                  | 4.5                         | 1.5                          | Purple                    |
| 030   | 30                      | Brown                         | 1.14                    | 1.5 - 4.0                           | 30                | 0                  | 6.0                         | 1.5                          | Purple                    |
| 035   | 35                      | Light Blue                    | 1.20                    | 1.5 - 4.0                           | 35                | 0                  | 6.0                         | 1.5                          | Purple                    |
| 040   | 40                      | Blue                          | 1.28                    | 1.5 - 4.0                           | 40                | 0                  | 6.0                         | 1.5                          | Purple                    |
| 050   | 50                      | Green                         | 1.43                    | 1.5 - 4.0                           | 50                | 0                  | 7.0                         | 1.5                          | Black                     |
| 058   | 58                      | Gray                          | 1.55                    | 1.5 - 4.0                           | 58                | 0                  | 7.0                         | 1.5                          | Black                     |
| 070   | 70                      | Black                         | 1.73                    | 1.5 - 4.0                           | 70                | 0                  | 7.0                         | 2.0                          | Black                     |
| 090   | 90                      | Orange                        | 1.74                    | 1.5 - 4.0                           | 90                | 0                  | 7.0                         | 2.0                          | Black                     |
| 110   | 110                     | Red                           | 1.70                    | 2.0 - 4.0                           | 110               | 0                  | 8.0                         | 2.0                          | Black                     |

\*within working pressure range

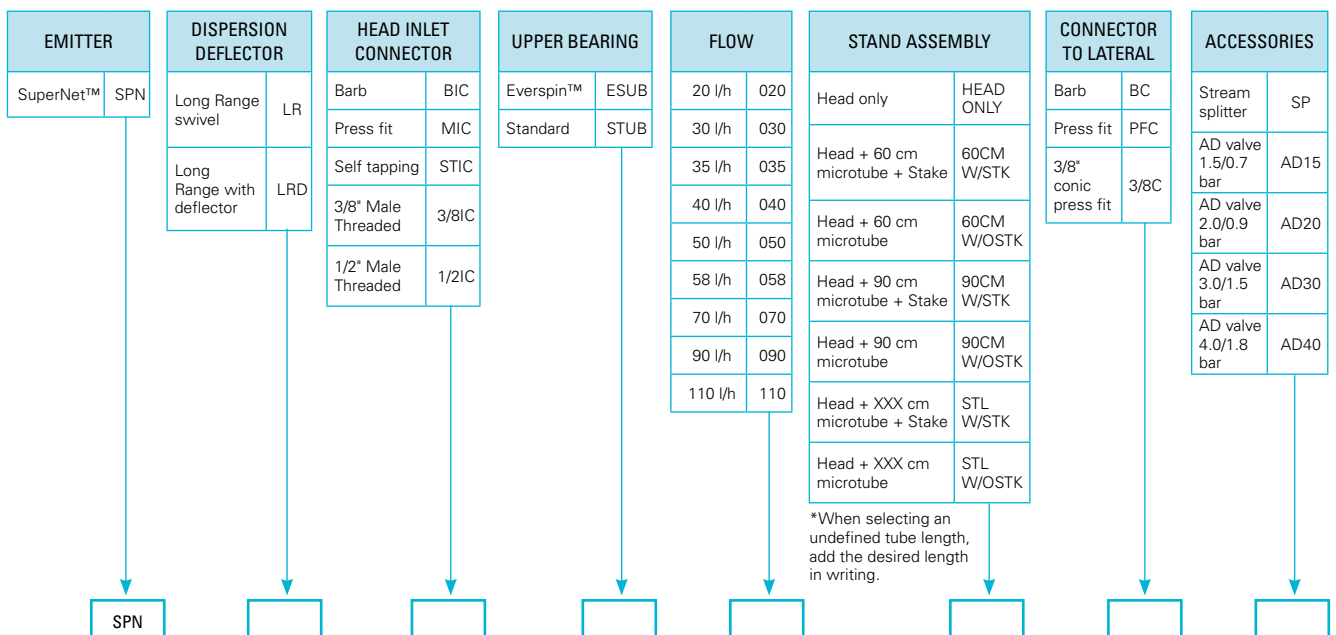
## PACKAGING DATA

| SUPERNET™ LR & LRD                                  | QUANTITY 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   | 500                  | 28 x 28 x 57            | 10.1            | 32             | 16000                | 335                |
| Complete stand , 60 cm micro tube length ,w/stake   | 100                  | 18 x 34 x 79            | 8.3             | 20             | 2000                 | 178                |
| Complete stand , 60 cm micro tube length ,w/o stake | 200                  | 18 x 34 x 79            | 7.5             | 20             | 4000                 | 162                |
| Complete stand , 90 cm micro tube length ,w/stake   | 100                  | 28 x 27 x 113           | 7.1             | 16             | 1600                 | 124                |
| Complete stand , 90 cm micro tube length ,w/o stake | 200                  | 28 x 27 x 113           | 6.7             | 16             | 3200                 | 117                |

## SUPERNET™ LONG RANGE & LONG RANGE WITH DEFLECTOR

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.

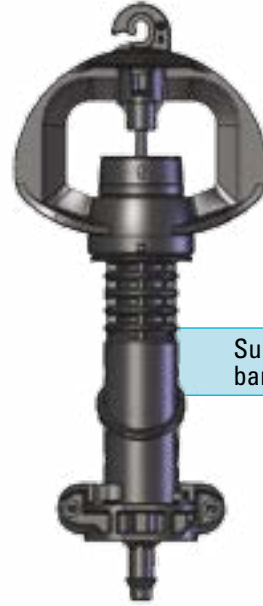


## SUPERNET™ LR

head only with Standard upper bearing

Catalog number : **63500** - (any of below 6 digits)

| MODEL | BIC    | STIC   | MIC    | 3/8IC  | 1/2IC  |
|-------|--------|--------|--------|--------|--------|
| 020   | 001000 | 053350 | 113000 | 105350 |        |
| 030   | 002300 | 054650 | 113600 | 105450 | 108950 |
| 035   | 002270 | 055720 | 114200 |        | 108920 |
| 040   | 003600 | 055950 | 114800 | 105550 | 109050 |
| 050   | 004900 | 057250 | 115500 | 105650 |        |
| 058   | 006200 | 058550 | 116100 | 105750 | 109254 |
| 070   | 007500 | 059850 | 116700 | 105850 | 109350 |
| 090   | 008800 | 061150 | 117300 | 105950 | 109450 |
| 110   | 010100 | 062450 | 117900 |        | 109550 |



SuperNet™ LR BIC ,  
barb inlet connector

## SUPERNET™ LR

head only with Everspin™ upper bearing

Catalog number : **63500** - (any of below 6 digits)

| MODEL | BIC    | STIC   | MIC    | 3/8IC  | 1/2IC  |
|-------|--------|--------|--------|--------|--------|
| 020   | 053355 | 053360 | 113010 |        |        |
| 030   |        | 054660 | 113695 |        |        |
| 035   |        | 063730 |        |        |        |
| 040   |        | 055960 | 114810 |        |        |
| 050   |        | 057260 | 115620 |        |        |
| 058   |        | 058560 | 113605 | 105755 | 109252 |
| 070   |        | 059860 |        | 105870 |        |
| 090   |        | 061160 | 117405 | 105960 |        |
| 110   |        |        |        |        |        |

## SUPERNET™ LR assembly stands

Catalog number : **63500** - (any of below 6 digits)

| MODEL                               | 020 | 030    | 035    | 040    | 050    | 058    | 070    | 090    | 110    |
|-------------------------------------|-----|--------|--------|--------|--------|--------|--------|--------|--------|
| SPN LR STIC STUB XXX 60CM W/STK BC  |     | 054850 | 055735 | 056350 |        |        | 060250 | 061550 |        |
| SPN LR STIC STUB XXX 60CM W/STK PFC |     |        |        | 056060 |        |        | 060200 |        |        |
| SPN LR MIC STUB XXX 60CM W/STK BC   |     |        |        |        |        |        | 116711 |        |        |
| SPN LR MIC STUB XXX 60CM W/STK PFC  |     |        |        |        |        |        |        |        |        |
| SPN LR BIC STUB XXX 60CM W/STK BC   |     | 002700 | 003552 | 004000 | 005300 | 006600 | 007900 |        | 010500 |
| SPN LR BIC STUB XXX 60CM W/STK PFC  |     |        | 003551 |        | 005200 | 006500 | 007800 | 009100 | 010400 |
| SPN LR STIC STUB XXX 90CM W/STK BC  |     |        |        |        |        |        |        |        |        |
| SPN LR STIC STUB XXX 90CM W/STK PFC |     |        |        |        |        |        |        |        |        |
| SPN LR MIC STUB XXX 90CM W/STK BC   |     |        |        |        |        |        |        |        |        |
| SPN LR MIC STUB XXX 90CM W/STK PFC  |     |        |        |        |        |        |        |        |        |
| SPN LR BIC STUB XXX 90CM W/STK BC   |     | 003100 |        | 004400 | 005700 | 007000 | 008300 | 009655 | 010955 |
| SPN LR BIC STUB XXX 90CM W/STK PFC  |     |        |        |        | 005600 |        |        |        |        |

Catalog number : **63500** - (any of below 6 digits)

| MODEL                                | 020    | 030    | 035    | 040    | 050    | 058    | 070    | 090    | 110    |
|--------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| SPN LR STIC STUB XXX 60CM W/OSTK BC  |        |        | 055725 | 056150 | 057450 |        |        |        | 062650 |
| SPN LR STIC STUB XXX 60CM W/OSTK PFC | 053450 | 054750 | 055730 | 056050 | 057350 | 058760 | 059950 | 061250 | 062540 |
| SPN LR MIC STUB XXX 60CM W/OSTK BC   |        |        |        |        |        |        |        | 117330 |        |
| SPN LR MIC STUB XXX 60CM W/OSTK PFC  |        |        |        |        |        |        |        |        |        |
| SPN LR BIC STUB XXX 60CM W/OSTK BC   | 001200 | 002500 |        | 003800 | 005100 |        | 007700 | 009000 |        |
| SPN LR BIC STUB XXX 60CM W/OSTK PFC  |        |        |        | 003700 |        |        |        |        |        |
| SPN LR STIC STUB XXX 90CM W/OSTK BC  |        |        |        |        |        |        |        |        |        |
| SPN LR STIC STUB XXX 90CM W/OSTK PFC |        |        |        |        |        |        |        |        |        |
| SPN LR MIC STUB XXX 90CM W/OSTK BC   |        |        |        |        |        |        |        |        |        |
| SPN LR MIC STUB XXX 90CM W/OSTK PFC  |        |        |        |        |        |        |        |        |        |
| SPN LR BIC STUB XXX 90CM W/OSTK BC   | 001600 | 003160 |        | 004200 | 005702 |        | 008100 |        | 010700 |
| SPN LR BIC STUB XXX 90CM W/OSTK PFC  |        |        |        |        |        |        |        | 009300 |        |

Missing catalog numbers available upon request.

Background color defines the code color of the respective swivel. All assembly stands include 4\*6.5 mm black SPE micro-tube.

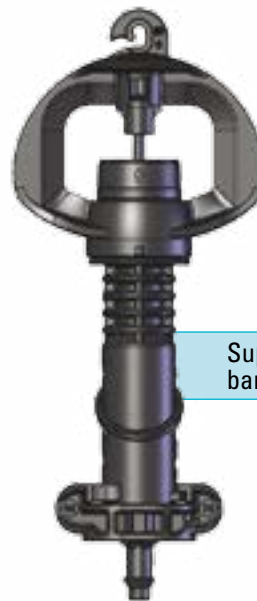
Other stand combinations can be ordered based on the attached flowchart which can help determine the desired product requirement.

## SUPERNET™ LRD

head only with Standard upper bearing

Catalog number : **63500** - (any of below 6 digits)

| MODEL | BIC    | STIC   | MIC    | 3/8IC  | 1/2IC  |
|-------|--------|--------|--------|--------|--------|
| 020   | 011360 | 063710 | 113100 | 106150 | 109650 |
| 030   | 013050 | 065050 | 113700 | 106200 | 109700 |
| 035   | 014205 | 063750 | 114300 | 106230 |        |
| 040   | 014350 | 066350 | 114900 | 106250 |        |
| 050   | 015650 | 067650 | 115600 | 106300 |        |
| 058   | 016950 | 068950 | 116200 | 106350 |        |
| 070   | 018250 | 070250 | 116800 | 106400 | 109900 |
| 090   | 019550 | 071550 | 117400 | 106450 | 109950 |
| 110   | 020850 | 072850 | 118000 | 106500 |        |



SuperNet™ LRD BIC ,  
barb inlet connector

## SUPERNET™ LRD

head only with Everspin™ upper bearing

Catalog number : **63500** - (any of below 6 digits)

| MODEL | BIC    | STIC   | MIC    | 3/8IC  | 1/2IC |
|-------|--------|--------|--------|--------|-------|
| 020   | 001010 | 063712 |        | 106155 |       |
| 030   |        | 065055 | 113710 |        |       |
| 035   |        | 063752 | 114310 |        |       |
| 040   |        | 066360 | 114910 |        |       |
| 050   |        | 067660 | 115610 | 107662 |       |
| 058   |        |        |        |        |       |
| 070   |        | 070260 | 116805 |        |       |
| 090   |        | 071560 | 117410 |        |       |
| 110   |        |        | 118010 |        |       |

## SUPERNET™ LRD assembly stands

Catalog number : **63500** - (any of below 6 digits)

| MODEL                                | 020    | 030    | 035    | 040    | 050    | 058    | 070    | 090    | 110    |
|--------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| SPN LRD STIC STUB XXX 60CM W/STK BC  |        |        |        |        |        |        | 070650 |        | 073250 |
| SPN LRD STIC STUB XXX 60CM W/STK PFC |        |        |        |        |        |        |        |        |        |
| SPN LRD MIC STUB XXX 60CM W/STK BC   | 113170 | 113770 | 114370 | 114970 | 115670 | 116270 | 116760 | 117470 | 118070 |
| SPN LRD MIC STUB XXX 60CM W/STK PFC  |        |        |        |        |        |        |        |        |        |
| SPN LRD BIC STUB XXX 60CM W/STK BC   |        |        | 014201 | 014750 |        |        |        | 019950 |        |
| SPN LRD BIC STUB XXX 60CM W/STK PFC  |        |        |        |        |        |        |        |        |        |
| SPN LRD STIC STUB XXX 90CM W/STK BC  | 200300 |        |        |        |        | 069750 | 071050 | 072350 |        |
| SPN LRD STIC STUB XXX 90CM W/STK PFC |        |        |        |        |        |        |        |        |        |
| SPN LRD MIC STUB XXX 90CM W/STK BC   |        |        |        |        |        |        |        |        |        |
| SPN LRD MIC STUB XXX 90CM W/STK PFC  |        |        |        |        |        |        |        |        |        |
| SPN LRD BIC STUB XXX 90CM W/STK BC   | 012550 |        |        | 015150 | 016450 |        | 019050 | 020350 | 021650 |
| SPN LRD BIC STUB XXX 90CM W/STK PFC  |        | 013850 |        | 015240 | 016460 |        | 019150 | 020250 | 021750 |

Catalog number : **63500** - (any of below 6 digits)

| MODEL                                 | 020    | 030     | 035    | 040    | 050    | 058    | 070    | 090    | 110    |
|---------------------------------------|--------|---------|--------|--------|--------|--------|--------|--------|--------|
| SPN LRD STIC STUB XXX 60CM W/OSTK BC  |        | 065250  |        |        |        |        |        | 071565 |        |
| SPN LRD STIC STUB XXX 60CM W/OSTK PFC |        |         |        |        |        |        |        |        |        |
| SPN LRD MIC STUB XXX 60CM W/OSTK BC   | 113150 | 113750  | 114350 | 114950 | 115650 | 116250 | 116850 | 117450 | 118050 |
| SPN LRD MIC STUB XXX 60CM W/OSTK PFC  |        |         |        |        |        |        |        |        |        |
| SPN LRD BIC STUB XXX 60CM W/OSTK BC   |        | 0013560 |        |        | 015850 |        |        |        |        |
| SPN LRD BIC STUB XXX 60CM W/OSTK PFC  |        |         |        |        |        |        |        |        |        |
| SPN LRD STIC STUB XXX 90CM W/OSTK BC  |        |         |        |        |        |        |        |        | 073450 |
| SPN LRD STIC STUB XXX 90CM W/OSTK PFC |        |         |        |        |        |        |        |        |        |
| SPN LRD MIC STUB XXX 90CM W/OSTK BC   |        |         |        |        |        |        |        |        |        |
| SPN LRD MIC STUB XXX 90CM W/OSTK PFC  |        |         |        |        |        |        |        | 117500 |        |
| SPN LRD BIC STUB XXX 90CM W/OSTK BC   | 012350 |         |        |        | 016250 |        | 018850 |        |        |
| SPN LRD BIC STUB XXX 90CM W/OSTK PFC  |        | 013550  |        | 015060 | 016270 |        | 018870 |        | 020860 |

Missing catalog numbers available upon request.

Background color defines the code color of the respective swivel. All assembly stands include 4\*6.5 mm black SPE micro-tube.

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





## SUPERNET™ MR & MRD

### MIDDLE RANGE & MIDDLE RANGE WITH DEFLECTOR

#### APPLICATIONS

Irrigation of tree plantations with mid-size root volumes.

#### BENEFITS AND FEATURES

##### Ensures higher crop uniformity

- Unique design of flow regulation mechanism.
- Unique design of the sprinkler rotor water channel.

##### Achieves optimal results in a varied topography area

- Thanks to its unique regulation mechanism, the SuperNet™ MR & MRD ensures uniform water and nutrient distribution around the tree, regardless of sprinkler's inlet pressures (within pressure range).

##### Reduces maintenance and repair costs

- The SuperNet™ has anti-ant mechanism preventing insect penetration into the area of the micro-sprinkler nozzle.
- The regulated micro-sprinkler is made of plastic materials resistant to all agrochemicals & weather conditions.

##### Offers higher reliability & longevity

- Long-term reliable service, simple, modular parts, clog resistant design.
- The water passage area is around 30% larger (depending on the flow rate) than in any other emitter with identical flow rate (largest passage on the market!) thus providing excellent clog resistance.

##### Suitable for diverse applications

- Specifically designed for fruit trees, orchards, deciduous and other tree crops requiring efficient water distribution.
- Can be used for frost mitigation and/or cooling irrigation systems.

#### SPECIFICATIONS

- MR means a revolving rotor irrigating a middle area.
- MRD stream deflector concentrates all the water in the area surrounding the young tree during the initial growing period. When the tree grows, the stream deflector can be broken off, thus enabling extended irrigation diameter.
- Flow regulated micro-sprinkler, 7 different flow rates: 20, 30, 35, 40, 50, 58, 70 l/h. Flow rates within pressure range.
- Pressure range 1.5-4.0 bar.
- Recommended filtration: 200 micron / 80 mesh. Filtration method to 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™ expert team's instructions.
- There are 5 types of inlet connectors: Barb, Self-tapping, Press fit, 3/8", 1/2" male threaded.
- 4 types of upper bearing: Standard = STUB - for normal water, Everspin™ = ESUB - for harsh conditions, Spring = SPUB, Everspin+Spring = SPES.
- The rotor is colored Brown for all different flows.
- SuperNet™ micro-sprinklers meet ISO 8026 standards (SI 1406) with production certified by the Israel Standards Institute (SII).



## SUPERNET™ TECHNICAL DATA

| MODEL | FLOW RATE<br><br>(L/H)* | REGULATION CHAMBER CODE COLOR | NOZZLE SIZE<br><br>(MM) | WORKING PRESSURE RANGE<br><br>(BAR) | CONSTANT<br><br>K | EXPONENT*<br><br>X | WETTED DIAMETER (M)         |                              | SWIVEL (ROTOR) CODE COLOR |
|-------|-------------------------|-------------------------------|-------------------------|-------------------------------------|-------------------|--------------------|-----------------------------|------------------------------|---------------------------|
|       |                         |                               |                         |                                     |                   |                    | MR MODEL 25 CM ABOVE GROUND | MRD MODEL 25 CM ABOVE GROUND |                           |
| 020   | 20                      | Purple                        | 0.89                    | 1.5-4.0                             | 20                | 0                  | 4.5                         | 2.5                          | Brown                     |
| 030   | 30                      | Brown                         | 1.14                    | 1.5-4.0                             | 30                | 0                  | 4.5                         | 2.5                          | Brown                     |
| 035   | 35                      | Light blue                    | 1.20                    | 1.5-4.0                             | 35                | 0                  | 4.5                         | 2.5                          | Brown                     |
| 040   | 40                      | Blue                          | 1.28                    | 1.5-4.0                             | 40                | 0                  | 5.0                         | 2.5                          | Brown                     |
| 050   | 50                      | Green                         | 1.43                    | 1.5-4.0                             | 50                | 0                  | 5.0                         | 2.5                          | Brown                     |
| 058   | 58                      | Gray                          | 1.55                    | 1.5-4.0                             | 58                | 0                  | 6.0                         | 3.0                          | Brown                     |
| 070   | 70                      | Black                         | 1.73                    | 1.5-4.0                             | 70                | 0                  | 6.0                         | 3.0                          | Brown                     |

\*within working pressure range

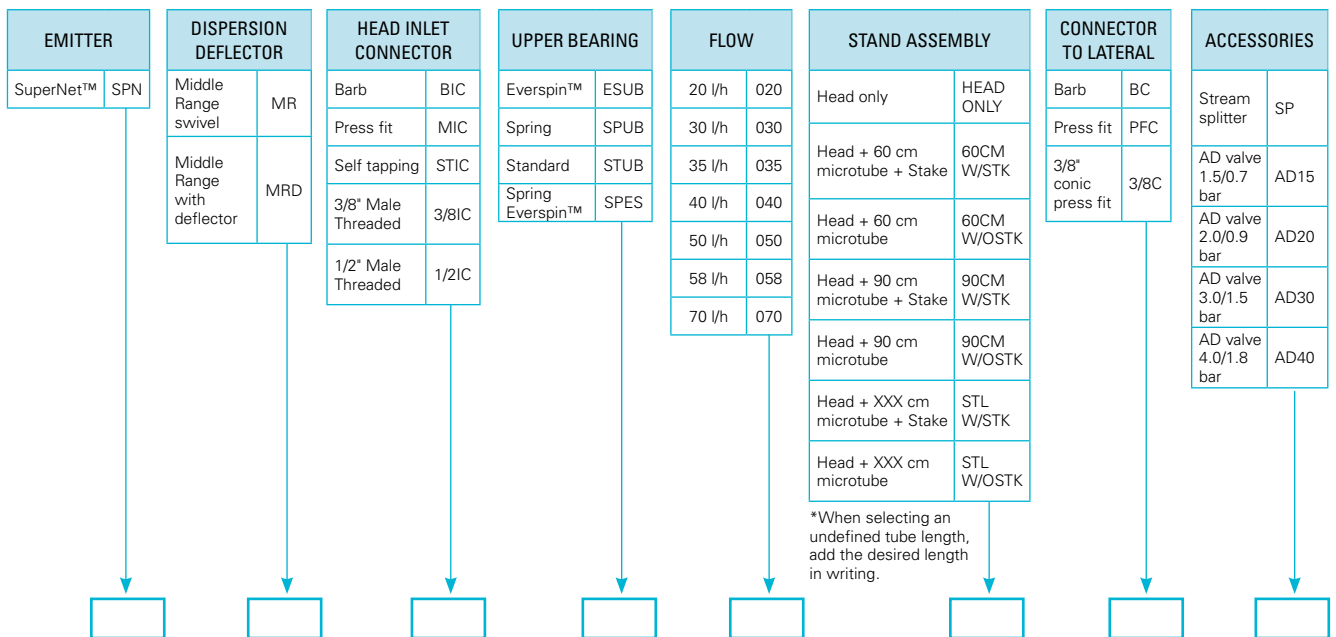
## PACKAGING DATA

| SUPERNET™ MR & MRD                                  | QUANTITY 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   | 500                  | 28 x 28 x 57            | 10.1            | 32             | 16000                | 335                |
| Complete stand , 60 cm micro tube length ,w/stake   | 100                  | 18 x 34 x 79            | 8.3             | 20             | 2000                 | 178                |
| Complete stand , 60 cm micro tube length ,w/o stake | 200                  | 18 x 34 x 79            | 7.5             | 20             | 4000                 | 162                |
| Complete stand , 90 cm micro tube length ,w/stake   | 100                  | 28 x 27 x 113           | 7.1             | 16             | 1600                 | 124                |
| Complete stand , 90 cm micro tube length ,w/o stake | 200                  | 28 x 27 x 113           | 6.7             | 16             | 3200                 | 117                |

## SUPERNET™ MIDDLE RANGE & MIDDLE RANG WITH DEFLECTOR

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.





## SUPERNET™ SR & SRD

### SHORT RANGE & SHORT RANGE WITH DEFLECTOR

#### APPLICATIONS

Irrigation of tree plantations, and orchards where ground is shaded by the foliage, leaving dry strips between the rows.

#### SPECIFICATIONS

- SR means a revolving rotor irrigating a medium sized area.
- SRD stream deflector concentrates all the water in the area surrounding the young tree during the initial growing period. When the tree grows, the stream deflector can be broken off, thus enabling extended irrigation diameter.
- Flow regulated micro-sprinkler, 9 different flow rates: 20, 30, 35, 40, 50, 58, 70, 90, 110 l/h.  
Flow rates within pressure range.
- Pressure range 1.5-4.0 bar.
- Recommended filtration: 200 micron / 80 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, pre treatment will be applied according to Netafim™ expert team's instructions.
- 5 types of inlet connectors:
  - Barb
  - Self tapping
  - Press fit
  - 3/8" male threaded
  - 1/2" male threaded
- 4 types of upper bearing:
  - Standard - for normal water
  - Everspin™ - for harsh condition
  - With spring - for upside down application
  - Spring with Everspin™ for upside down application with harsh conditions
- The rotor is colored Blue.
- SuperNet™ micro-sprinklers meet ISO 8026 standards (SI 1406) with production certified by the Israel Standards Institute (SII).

#### FEATURES AND BENEFITS

- Unique regulation mechanism ensures even water and nutrients quantities per tree, uniform distribution and wetting diameter regardless of sprinkler's inlet pressures (within pressure range).
- Anti-ant mechanism prevents insect penetration into the area of the micro-sprinkler nozzle.
- Regulated micro-sprinkler made of plastic materials resistant to all agrochemicals & weather conditions.
- Water passage area 30% larger than in any other emitter with identical flow rate. The largest water passages on the market – resists clogging.
- Specially designed for fruit trees, orchards, deciduous and other tree crops requiring efficient water distribution.
- Can be used in Frost mitigation and/or Cooling irrigation systems.
- Long-term reliable service, simple, modular parts, clog resistant design.

## SUPERNET™ TECHNICAL DATA

| MODEL | FLOW RATE<br><br>(L/H)* | REGULATION CHAMBER CODE COLOR | NOZZLE SIZE<br><br>(MM) | WORKING PRESSURE RANGE<br><br>(BAR) | CONSTANT<br><br>K | EXPONENT*<br><br>X | WETTED DIAMETER (M)         |                              | SWIVEL (ROTOR) CODE COLOR |
|-------|-------------------------|-------------------------------|-------------------------|-------------------------------------|-------------------|--------------------|-----------------------------|------------------------------|---------------------------|
|       |                         |                               |                         |                                     |                   |                    | SR MODEL 20 CM ABOVE GROUND | SRD MODEL 20 CM ABOVE GROUND |                           |
| 020   | 20                      | Purple                        | 0.89                    | 1.5 - 4.0                           | 20                | 0                  | 2.5                         | 1.8                          | Blue                      |
| 030   | 30                      | Brown                         | 1.14                    | 1.5 - 4.0                           | 30                | 0                  | 3.5                         | 1.8                          | Blue                      |
| 035   | 35                      | Light Blue                    | 1.20                    | 1.5 - 4.0                           | 35                | 0                  | 3.5                         | 1.8                          | Blue                      |
| 040   | 40                      | Blue                          | 1.28                    | 1.5 - 4.0                           | 40                | 0                  | 3.5                         | 1.8                          | Blue                      |
| 050   | 50                      | Green                         | 1.43                    | 1.5 - 4.0                           | 50                | 0                  | 4.5                         | 1.8                          | Blue                      |
| 058   | 58                      | Gray                          | 1.55                    | 1.5 - 4.0                           | 58                | 0                  | 4.5                         | 1.8                          | Blue                      |
| 070   | 70                      | Black                         | 1.73                    | 1.5 - 4.0                           | 70                | 0                  | 5.0                         | 1.8                          | Blue                      |
| 090   | 90                      | Orange                        | 1.74                    | 1.5 - 4.0                           | 90                | 0                  | 5.0                         | 2.0                          | Blue                      |
| 110   | 110                     | Red                           | 1.70                    | 2.0 - 4.0                           | 110               | 0                  | 6.5                         | 2.0                          | Blue                      |

\*within working pressure range

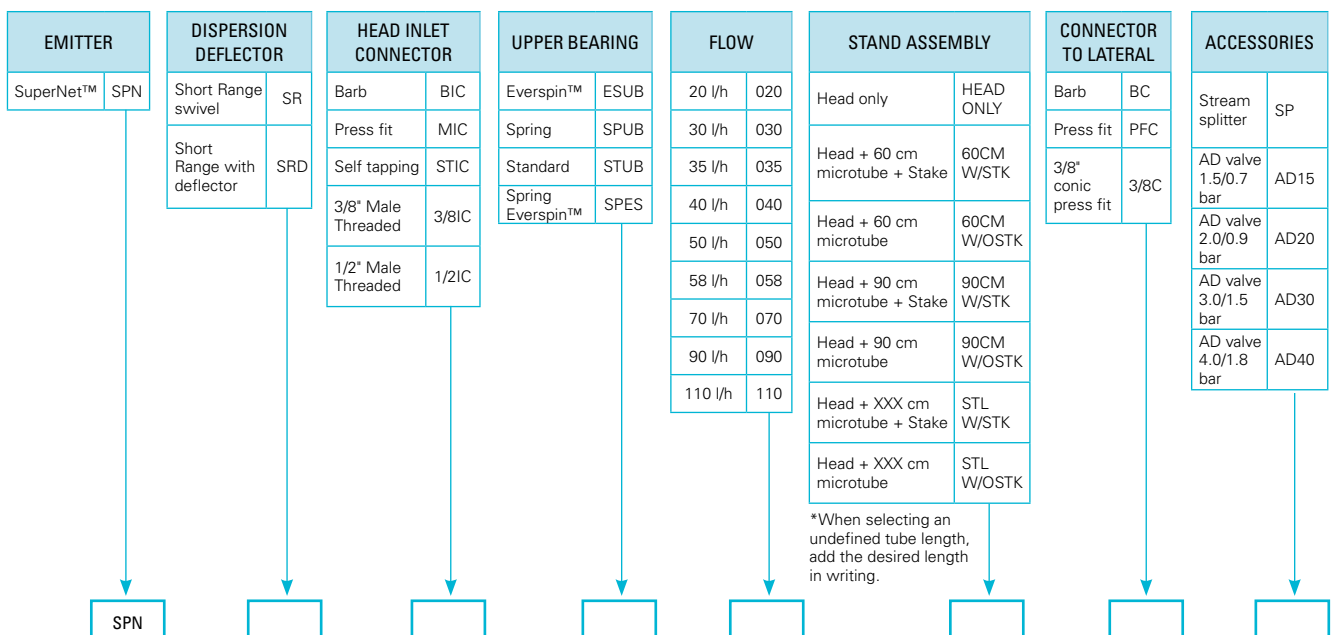
## PACKAGING DATA

| SUPERNET™ SR & SRD                                  | QUANTITY 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   | 500                  | 28 x 28 x 57            | 10.1            | 32             | 16000                | 335                |
| Complete stand , 60 cm micro tube length ,w/stake   | 100                  | 18 x 34 x 79            | 8.3             | 20             | 2000                 | 178                |
| Complete stand , 60 cm micro tube length ,w/o stake | 200                  | 18 x 34 x 79            | 7.5             | 20             | 4000                 | 162                |
| Complete stand , 90 cm micro tube length ,w/stake   | 100                  | 28 x 27 x 113           | 7.1             | 16             | 1600                 | 124                |
| Complete stand , 90 cm micro tube length ,w/o stake | 200                  | 28 x 27 x 113           | 6.7             | 16             | 3200                 | 117                |

## SUPERNET™ SHORT RANGE & SHORT RANGE WITH DEFLECTOR

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.



## SUPERNET™ SR

head only with Standard upper bearing  
Catalog number : **63500** - (any of below 6 digits)

| MODEL | BIC    | STIC   | MIC    | 3/8IC  | 1/2IC  |
|-------|--------|--------|--------|--------|--------|
| 020   | 022150 | 074150 | 118500 |        | 110050 |
| 030   | 023450 | 075450 | 119100 |        |        |
| 035   |        | 075420 | 119700 | 106620 | 110220 |
| 040   | 024750 | 076750 | 120300 | 106750 | 110250 |
| 050   | 026050 | 078050 | 120900 | 106850 | 110350 |
| 058   | 027350 | 079350 | 121500 | 106950 |        |
| 070   | 028650 | 080650 | 122100 | 107050 | 110550 |
| 090   | 029950 | 081950 | 122700 |        | 110650 |
| 110   | 031250 | 083250 | 123300 |        |        |



SuperNet™ SR BIC ,barb inlet connector

## SUPERNET™ SR

head only with Everspin™ upper bearing  
Catalog number : **63500** - (any of below 6 digits)

| MODEL | BIC    | STIC   | MIC    | 3/8IC  | 1/2IC  |
|-------|--------|--------|--------|--------|--------|
| 020   |        | 074152 |        |        |        |
| 030   |        | 075455 |        |        |        |
| 035   |        | 063800 |        | 106630 |        |
| 040   |        | 076760 |        |        | 110255 |
| 050   | 026060 | 078060 | 120306 |        |        |
| 058   |        | 079360 |        |        |        |
| 070   |        | 080660 |        | 106970 | 110610 |
| 090   |        | 081960 |        | 107160 | 110660 |
| 110   |        |        |        |        | 110710 |

## SUPERNET™ SR

head only with Spring upper bearing  
Catalog number : **63500** - (any of below 6 digits)

| MODEL | BIC    | STIC   | MIC    |
|-------|--------|--------|--------|
| 020   |        |        |        |
| 030   | 023455 | 075451 | 119103 |
| 035   | 023456 | 075421 | 119705 |
| 040   | 024755 | 076755 | 120303 |
| 050   | 026055 | 078055 | 120910 |
| 058   | 027355 | 079355 | 121510 |
| 070   | 028655 | 080655 |        |
| 090   | 029955 | 081970 | 122715 |
| 110   | 031260 |        |        |

## SUPERNET™ SR assembly stands

Catalog number : **63500** - (any of below 6 digits)

| MODEL                               | 020    | 030    | 035    | 040    | 050    | 058    | 070    | 090    | 110    |
|-------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| SPN SR STIC STUB XXX 60CM W/STK BC  |        | 075850 | 075425 |        | 078450 |        | 081050 |        | 083650 |
| SPN SR STIC STUB XXX 60CM W/STK PFC |        |        | 075440 |        |        |        |        |        |        |
| SPN SR MIC STUB XXX 60CM W/STK BC   | 113830 |        |        |        |        |        |        |        |        |
| SPN SR MIC STUB XXX 60CM W/STK PFC  |        |        |        |        |        |        |        |        |        |
| SPN SR BIC STUB XXX 60CM W/STK BC   | 022550 | 023850 |        | 025150 | 026450 | 027750 | 029050 |        | 031650 |
| SPN SR BIC STUB XXX 60CM W/STK PFC  |        |        |        | 025180 |        |        |        | 030250 |        |
| SPN SR STIC STUB XXX 90CM W/STK BC  |        |        | 075430 | 077550 |        |        |        |        |        |
| SPN SR STIC STUB XXX 90CM W/STK PFC |        |        |        |        |        |        |        |        |        |
| SPN SR MIC STUB XXX 90CM W/STK BC   |        |        |        |        |        |        |        |        |        |
| SPN SR MIC STUB XXX 90CM W/STK PFC  |        |        |        |        |        |        |        |        |        |
| SPN SR BIC STUB XXX 90CM W/STK BC   | 022950 | 024250 |        | 025610 |        |        |        |        |        |
| SPN SR BIC STUB XXX 90CM W/STK PFC  |        |        |        |        |        |        |        |        |        |

Catalog number : **63500** - (any of below 6 digits)

| MODEL                                | 020    | 030     | 035    | 040    | 050    | 058    | 070    | 090 | 110 |
|--------------------------------------|--------|---------|--------|--------|--------|--------|--------|-----|-----|
| SPN SR STIC STUB XXX 60CM W/OSTK BC  |        |         | 075427 | 076950 | 078250 |        | 080850 |     |     |
| SPN SR STIC STUB XXX 60CM W/OSTK PFC |        |         |        |        |        |        |        |     |     |
| SPN SR MIC STUB XXX 60CM W/OSTK BC   |        |         |        |        | 115655 |        |        |     |     |
| SPN SR MIC STUB XXX 60CM W/OSTK PFC  |        |         |        |        |        |        |        |     |     |
| SPN SR BIC STUB XXX 60CM W/OSTK BC   | 022350 | 023650  | 023430 |        |        | 027550 | 028850 |     |     |
| SPN SR BIC STUB XXX 60CM W/OSTK PFC  |        | 023740  |        |        |        |        |        |     |     |
| SPN SR STIC STUB XXX 90CM W/OSTK BC  |        |         |        | 077350 |        | 079950 |        |     |     |
| SPN SR STIC STUB XXX 90CM W/OSTK PFC |        |         |        |        |        |        |        |     |     |
| SPN SR MIC STUB XXX 90CM W/OSTK BC   |        |         | 119720 |        |        |        |        |     |     |
| SPN SR MIC STUB XXX 90CM W/OSTK PFC  |        |         |        |        |        |        |        |     |     |
| SPN SR BIC STUB XXX 90CM W/OSTK BC   |        | 0024260 |        |        | 026650 |        | 029250 |     |     |
| SPN SR BIC STUB XXX 90CM W/OSTK PFC  |        |         |        |        |        |        |        |     |     |

Missing catalog numbers available upon request.

Background color defines the code color of the respective swivel. All assembly stands include 4\*6.5 mm black SPE micro-tube.

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

## SUPERNET™ SRD

head only with Standard upper bearing

Catalog number : **63500** - (any of below 6 digits)

| MODEL | BIC    | STIC   | MIC    | 3/8IC  | 1/2IC  |
|-------|--------|--------|--------|--------|--------|
| 020   | 033610 | 085610 | 118600 | 107350 |        |
| 030   | 033850 | 085850 | 119200 | 107450 |        |
| 035   | 032550 | 084550 | 119800 | 107520 |        |
| 040   | 035150 | 087150 | 120400 | 107550 | 111050 |
| 050   | 036450 | 088450 | 121000 | 107650 | 111150 |
| 058   | 037750 | 089750 | 121600 | 107750 |        |
| 070   | 039050 | 091050 | 122200 | 107850 | 111350 |
| 090   | 040350 | 092350 | 122800 | 107950 | 111450 |
| 110   | 041830 | 093650 | 123400 |        |        |

## SUPERNET™ SRD

head only with Everspin™ upper bearing

Catalog number : **63500** - (any of below 6 digits)

| MODEL | BIC    | STIC   | MIC    | 3/8IC  | 1/2IC |
|-------|--------|--------|--------|--------|-------|
| 020   |        | 085615 |        | 106570 |       |
| 030   |        | 085855 |        | 107460 |       |
| 035   |        | 087110 | 119810 |        |       |
| 040   |        | 087160 |        | 107560 |       |
| 050   |        | 088460 |        | 107660 |       |
| 058   | 037760 | 089760 | 121610 | 107760 |       |
| 070   |        | 091060 | 122210 | 107860 |       |
| 090   |        |        |        | 107960 |       |
| 110   |        |        |        |        |       |



SuperNet™ SRD BIC , barb inlet connector

## SUPERNET™ SRD assembly stands

Catalog number : **63500** - (any of below 6 digits)

| MODEL                                | 020    | 030    | 035    | 040    | 050    | 058    | 070    | 090    | 110    |
|--------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| SPN SRD STIC STUB XXX 60CM W/STK BC  |        | 086250 | 035110 | 087550 | 088850 |        | 091450 | 092750 |        |
| SPN SRD STIC STUB XXX 60CM W/STK PFC |        |        |        |        |        |        |        |        |        |
| SPN SRD MIC STUB XXX 60CM W/STK BC   | 118655 | 119265 | 119870 | 120470 | 121010 | 121615 | 122270 | 122870 | 123470 |
| SPN SRD MIC STUB XXX 60CM W/STK PFC  |        |        |        |        |        |        |        |        |        |
| SPN SRD BIC STUB XXX 60CM W/STK BC   | 032950 | 034250 | 035120 | 035550 | 036850 | 038150 | 039450 | 040750 | 042050 |
| SPN SRD BIC STUB XXX 60CM W/STK PFC  |        |        |        | 035630 |        |        | 039350 |        |        |
| SPN SRD STIC STUB XXX 90CM W/STK BC  |        |        | 087120 | 087950 |        |        | 091850 |        |        |
| SPN SRD STIC STUB XXX 90CM W/STK PFC |        |        |        |        |        |        |        | 092900 | 094860 |
| SPN SRD MIC STUB XXX 90CM W/STK BC   |        |        |        |        |        |        |        |        |        |
| SPN SRD MIC STUB XXX 90CM W/STK PFC  |        |        |        |        |        |        |        |        |        |
| SPN SRD BIC STUB XXX 90CM W/STK BC   |        | 034650 |        | 035950 | 037250 |        | 039850 | 041150 | 042450 |
| SPN SRD BIC STUB XXX 90CM W/STK PFC  |        |        | 035147 |        |        |        |        | 042260 |        |

Catalog number : **63500** - (any of below 6 digits)

| MODEL                                 | 020    | 030    | 035    | 040    | 050    | 058    | 070    | 090    | 110    |
|---------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| SPN SRD STIC STUB XXX 60CM W/OSTK BC  |        | 086050 |        | 087350 | 088650 | 089950 | 091250 |        |        |
| SPN SRD STIC STUB XXX 60CM W/OSTK PFC | 085620 |        |        |        |        |        |        |        |        |
| SPN SRD MIC STUB XXX 60CM W/OSTK BC   | 118650 | 119250 | 119850 | 120450 | 121050 | 121650 | 122250 | 122850 | 123450 |
| SPN SRD MIC STUB XXX 60CM W/OSTK PFC  |        |        |        |        |        |        |        |        |        |
| SPN SRD BIC STUB XXX 60CM W/OSTK BC   |        | 034050 |        | 035350 | 036650 |        | 039250 |        | 041850 |
| SPN SRD BIC STUB XXX 60CM W/OSTK PFC  |        | 033950 |        |        |        |        |        |        |        |
| SPN SRD STIC STUB XXX 90CM W/OSTK BC  |        |        |        |        |        |        |        |        |        |
| SPN SRD STIC STUB XXX 90CM W/OSTK PFC |        | 086260 |        |        |        |        |        |        |        |
| SPN SRD MIC STUB XXX 90CM W/OSTK BC   |        |        |        |        |        |        |        |        |        |
| SPN SRD MIC STUB XXX 90CM W/OSTK PFC  |        |        |        |        |        |        |        |        |        |
| SPN SRD BIC STUB XXX 90CM W/OSTK BC   |        |        |        | 035750 |        |        |        |        |        |
| SPN SRD BIC STUB XXX 90CM W/OSTK PFC  |        |        |        |        |        |        |        |        |        |

Missing catalog numbers available upon request.

Background color defines the code color of the respective swivel. All assembly stands include 4\*6.5 mm black SPE micro-tube.

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



## SUPERNET™ SSR

### SUPER SHORT RANGE

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#### APPLICATIONS

Designed for permanent application in close proximity to trees.

#### SPECIFICATIONS

- SSR means a revolving rotor irrigating a small sized area.
- Flow regulated micro-sprinkler, 3 different flow rates: 30, 35, 40 l/h.  
Flow rates within pressure range.
- Pressure range 1.5-4.0 bar.
- Recommended filtration: 200 micron / 80 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, pre treatment will be applied according to Netafim™ expert team's instructions.
- 5 types of inlet connectors:
  - Barb
  - Self tapping
  - Press fit
  - 3/8" male threaded
  - 1/2" male threaded
- 2 types of upper bearing:
  - Standard - for normal water
  - Everspin™ - for harsh condition
- The rotor is colored Light Green.
- SuperNet™ micro-sprinklers meet ISO 8026 standards (SI 1406) with production certified by the Israel Standards Institute (SII).

#### FEATURES AND BENEFITS

- Unique regulation mechanism ensures even water and nutrients quantities per tree, uniform distribution and wetting diameter regardless of sprinkler's inlet pressures (within pressure range).
- Anti-ant mechanism prevents insect penetration into the area of the micro-sprinkler nozzle.
- Regulated micro-sprinkler made of plastic materials resistant to all agrochemicals & weather conditions.
- Water passage area 30% larger than in any other emitter with identical flow rate. The largest water passages on the market – resists clogging.
- Specially designed for fruit trees, orchards, deciduous and other tree crops requiring efficient water distribution.
- Can be used in Frost mitigation and/or Cooling irrigation systems.
- Long-term reliable service, simple, modular parts, clog resistant design.



## SUPERNET™ TECHNICAL DATA

| MODEL | FLOW RATE<br><br>(L/H)* | REGULATION CHAMBER CODE COLOR | NOZZLE SIZE<br><br>(MM) | WORKING PRESSURE RANGE<br><br>(BAR) | CONSTANT<br><br>K | EXPONENT*<br><br>X | WETTED DIAMETER (M)          |                               | SWIVEL (ROTOR) CODE COLOR |
|-------|-------------------------|-------------------------------|-------------------------|-------------------------------------|-------------------|--------------------|------------------------------|-------------------------------|---------------------------|
|       |                         |                               |                         |                                     |                   |                    | SSR MODEL 20 CM ABOVE GROUND | SSR MODEL 300 CM ABOVE GROUND |                           |
| 030   | 30                      | Brown                         | 1.14                    | 1.5 - 4.0                           | 30                | 0                  | 2.0                          | 3.0                           | Light Green               |
| 035   | 35                      | Light Blue                    | 1.20                    | 1.5 - 4.0                           | 35                | 0                  | 2.0                          | 3.0                           | Light Green               |
| 040   | 40                      | Blue                          | 1.28                    | 1.5 - 4.0                           | 40                | 0                  | 2.5                          | 3.0                           | Light Green               |

\*within working pressure range

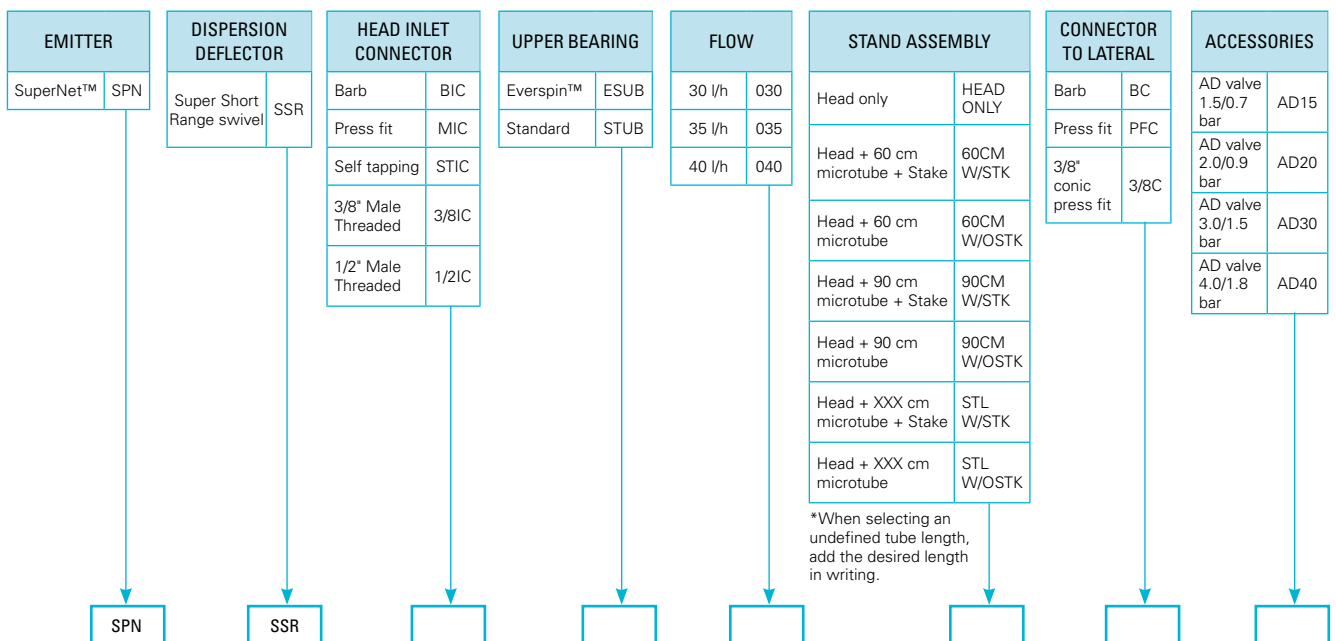
## PACKAGING DATA

| SUPERNET™ SSR                                       | QUANTITY 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   | 500                  | 28 x 28 x 57            | 10.1            | 32             | 16000                | 335                |
| Complete stand , 60 cm micro tube length ,w/stake   | 100                  | 18 x 34 x 79            | 8.3             | 20             | 2000                 | 178                |
| Complete stand , 60 cm micro tube length ,w/o stake | 200                  | 18 x 34 x 79            | 7.5             | 20             | 4000                 | 162                |
| Complete stand , 90 cm micro tube length ,w/stake   | 100                  | 28 x 27 x 113           | 7.1             | 16             | 1600                 | 124                |
| Complete stand , 90 cm micro tube length ,w/o stake | 200                  | 28 x 27 x 113           | 6.7             | 16             | 3200                 | 117                |

## SUPERNET™ SSR

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.



## SUPERNET™ SSR

head only with Standard upper bearing

Catalog number : **63500** - (any of below 6 digits)

| MODEL | BIC    | STIC   | MIC    | 3/8IC  |
|-------|--------|--------|--------|--------|
| 030   | 157500 | 151000 |        |        |
| 035   |        |        | 156000 | 106622 |
| 040   |        | 152000 |        | 106752 |

Missing catalog numbers available upon request.

Background color defines the code color of the respective swivel.

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





## SUPERNET™ UD

### UPSIDE DOWN

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#### APPLICATIONS

For application where sprinklers are mounted inverted to keep the ground clear and prevent damage to the sprinklers by harvesters and machinery.

#### SPECIFICATIONS

- Special designed upside down down rotor.
- Flow regulated micro-sprinkler, 7 different flow rates: 30, 35, 40, 50, 58, 70, 90 l/h.  
Flow rates within pressure range.
- Pressure range 1.5-4.0 bar.
- Recommended filtration: 200 micron / 80 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, pre treatment will be applied according to Netafim™ expert team's instructions.
- 5 types of inlet connectors:
  - Barb
  - Self tapping
  - Press fit
  - 3/8" male threaded
  - 1/2" male threaded
- Upper bearing:
  - A specially designed spring bearing keeps the anti-ant feature even when the sprinkler is mounted in an upside down position.
  - A spring bearing with Everspin™ feature to improve wear resistance also in harsh conditions.
- The rotor is colored Green.
- SuperNet™ micro-sprinklers meet ISO 8026 standards (SI 1406) with production certified by the Israel Standards Institute (SII).

#### FEATURES AND BENEFITS

- Unique regulation mechanism ensures even water and nutrients quantities per tree, uniform distribution and wetting diameter regardless of sprinkler's inlet pressures (within pressure range).
- Anti-ant mechanism prevents insect penetration into the area of the sprinklers nozzle.
- Regulated micro-sprinkler made of plastic materials resistant to all agrochemicals & weather conditions.
- Water passage area 30% larger than in any other emitter with identical flow rate. The largest water passages on the market – resists clogging.
- Specially designed for fruit trees, orchards, deciduous and other tree crops requiring efficient water distribution.
- Can be used in Frost mitigation and/or Cooling irrigation systems.
- Long-term reliable service, simple, modular parts, clog resistant design.

## SUPERNET™ TECHNICAL DATA

| MODEL | FLOW RATE<br>(L/H)* | REGULATION CHAMBER CODE COLOR | NOZZLE SIZE<br>(MM) | WORKING PRESSURE RANGE<br>(BAR) | CONSTANT<br>K | EXPONENT*<br>X | WETTED DIAMETER (M)<br>50 CM ABOVE CROP<br>UD MODEL | SWIVEL (ROTOR) CODE COLOR<br>UD MODEL | WETTED DIAMETER (M)<br>50 CM ABOVE CROP<br>SR MODEL IN UD POSITION | SWIVEL (ROTOR) CODE COLOR<br>SR MODEL |
|-------|---------------------|-------------------------------|---------------------|---------------------------------|---------------|----------------|---|---------------------------------------|--|---------------------------------------|
| 030   | 30                  | Brown                         | 1.14                | 1.5 - 4.0                       | 30            | 0              | 6.0   | Green                                 | 3.5  | Blue                                  |
| 035   | 35                  | Light Blue                    | 1.20                | 1.5 - 4.0                       | 35            | 0              | 6.0   | Green                                 | 4.0  | Blue                                  |
| 040   | 40                  | Blue                          | 1.28                | 1.5 - 4.0                       | 40            | 0              | 6.5   | Green                                 | 4.0  | Blue                                  |
| 050   | 50                  | Green                         | 1.43                | 1.5 - 4.0                       | 50            | 0              | 6.5   | Green                                 | 4.0  | Blue                                  |
| 058   | 58                  | Gray                          | 1.55                | 1.5 - 4.0                       | 58            | 0              | 7.0   | Green                                 | 4.0  | Blue                                  |
| 070   | 70                  | Black                         | 1.73                | 1.5 - 4.0                       | 70            | 0              | 7.0   | Green                                 | 4.0  | Blue                                  |
| 090   | 90                  | Orange                        | 1.74                | 1.5 - 4.0                       | 90            | 0              | 7.0   | Green                                 | 4.0  | Blue                                  |

\* within working pressure range

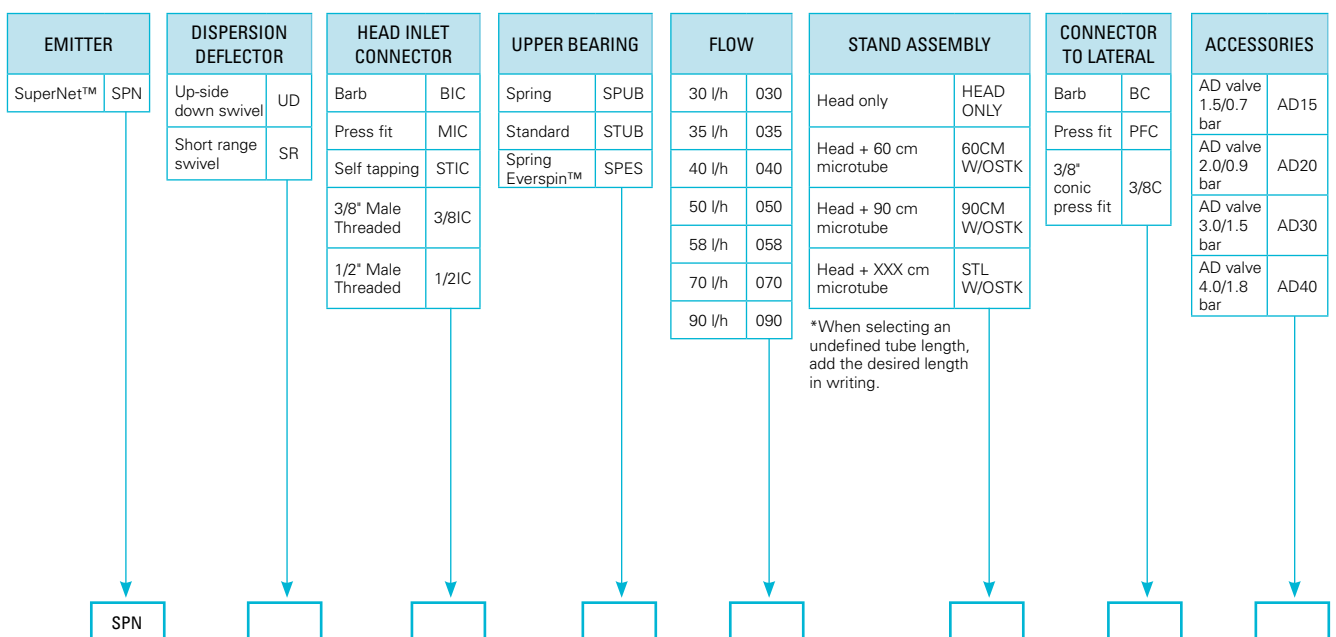
## PACKAGING DATA

| SUPERNET™ UD                                      | QUANTITY 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   | 500                  | 28 x 28 x 57            | 10.1            | 32             | 16000                | 335                |
| Complete stand, 30 cm tube length with stabilizer | 150                  | 28 x 28 x 57            | 10.7            | 32             | 4800                 | 342                |
| Complete stand, 60 cm tube length with stabilizer | 150                  | 18 x 34 x 79            | 11.8            | 20             | 3000                 | 236                |
| Complete stand, 90 cm tube length with stabilizer | 150                  | 28 x 27 x 113           | 12.4            | 16             | 2400                 | 198                |

## SUPERNET™ UD

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.



## SUPERNET™ UD

head only with Standard upper bearing

Catalog number : **63500** - (any of below 6 digits)

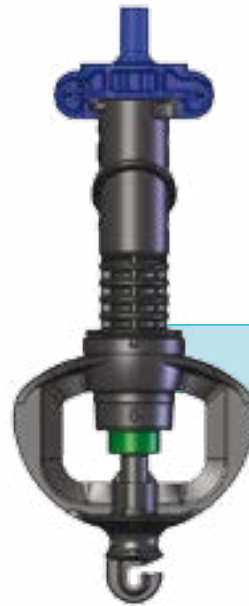
| MODEL | BIC    | STIC   | MIC    |
|-------|--------|--------|--------|
| 030   |        |        |        |
| 035   | 189990 |        | 171990 |
| 040   | 190990 |        |        |
| 050   |        |        |        |
| 058   | 192990 |        | 174990 |
| 070   | 193990 | 184990 | 175990 |
| 090   |        |        |        |

## SUPERNET™ UD

head only with Spring upper bearing

Catalog number : **63500** - (any of below 6 digits)

| MODEL | BIC    | STIC   | MIC    |
|-------|--------|--------|--------|
| 030   | 189000 | 180000 | 171000 |
| 035   | 190000 | 181000 | 172000 |
| 040   | 191000 | 182000 | 173000 |
| 050   | 192000 | 183000 | 174000 |
| 058   | 193000 | 184000 | 175000 |
| 070   | 194000 | 185000 | 176000 |
| 090   | 195000 | 186000 |        |



SuperNet™ UD MIC , male press-fit inlet connector

## SUPERNET™ UD assembly stands

Catalog number : **63500** - (any of below 6 digits)

| MODEL                              | 030    | 035    | 040    | 050    | 058 | 070    | 090 |
|------------------------------------|--------|--------|--------|--------|-----|--------|-----|
| SPN UD STIC SPUB XXX 30CM W/STB BC | 180100 |        | 182050 |        |     |        |     |
| SPN UD STIC SPUB XXX 60CM W/STB BC | 180300 |        | 182150 |        |     |        |     |
| SPN UD STIC SPUB XXX 90CM W/STB BC | 180500 | 181250 | 182250 |        |     |        |     |
| SPN UD BIC SPUB XXX 30CM W/STB BC  |        | 190010 |        |        |     |        |     |
| SPN UD BIC SPUB XXX 60CM W/STB BC  | 189010 |        |        | 192010 |     | 007540 |     |
| SPN UD BIC SPUB XXX 90CM W/STB BC  |        |        |        |        |     |        |     |
| SPN UD MIC SPUB XXX 30CM W/STB BC  |        | 172020 |        |        |     |        |     |
| SPN UD MIC SPUB XXX 60CM W/STB BC  |        | 172100 |        | 174100 |     |        |     |
| SPN UD MIC SPUB XXX 90CM W/STB BC  |        |        |        |        |     |        |     |

Missing catalog numbers available upon request.

Background color defines the code color of the respective swivel. All assembly stands include 4\*6.5 mm black SPE micro-tube.

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







## SUPERNET™ GS

### FULL FIELD OVERLAP

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#### APPLICATIONS

For crops covering the entire field where full-coverage highly uniform irrigation is required.

#### SPECIFICATIONS

- GS means a revolving rotor designed to provide a wetting pattern that achieves excellent distribution uniformity and full coverage.
- Flow regulated micro-sprinkler, 2 different flow rates: 90,110 l/h.  
Flow rates within pressure range.
- Pressure range 2.0-4.0 bar.
- Recommended filtration: 200 micron / 80 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, pre treatment will be applied according to Netafim™ expert team's instructions.
- 5 types of inlet connectors:
  - Barb
  - Self tapping
  - Press fit
  - 3/8" male threaded
  - 1/2" male threaded
- 2 types of upper bearing:
  - Standard - for normal water
  - Everspin™ - for harsh condition
- The rotor is colored Gray.
- SuperNet™ micro-sprinklers meet ISO 8026 standards (SI 1406) with production certified by the Israel Standards Institute (SII).

#### FEATURES AND BENEFITS

- Unique regulation mechanism ensures even water and nutrients quantities, uniform distribution and wetting diameter regardless of sprinkler's inlet pressures (within pressure range).
- Anti-ant mechanism prevents insect penetration into the area of the micro-sprinkler nozzle.
- Regulated micro-sprinkler made of plastic materials resistant to all agrochemicals & weather conditions.
- Water passage area 30% larger than in any other emitter with identical flow rate. The largest water passages on the market – resists clogging.
- Specially designed for crops where full-coverage highly uniform irrigation is required.
- Can be used in Frost mitigation and/or Cooling irrigation systems.
- Long-term reliable service, simple, modular parts, clog resistant design.

## SUPERNET™ TECHNICAL DATA

| MODEL | FLOW RATE<br>(L/H)* | REGULATION<br>CHAMBER<br>CODE COLOR | NOZZLE<br>SIZE<br>(MM) | WORKING<br>PRESSURE<br>RANGE<br>(BAR) | CONSTANT<br>K | EXPONENT* | WETTED DIAMETER (M)<br>GS 100 CM<br>ABOVE GROUND | SWIVEL<br>(ROTOR)<br>CODE COLOR |
|-------|---------------------|-------------------------------------|------------------------|---------------------------------------|---------------|-----------|--|---------------------------------|
| 090   | 90                  | Orange                              | 1.74                   | 2.0 - 4.0                             | 90            | 0         | 7.5  | Light Gray                      |
| 110   | 110                 | Red                                 | 1.70                   | 2.0 - 4.0                             | 110           | 0         | 8.0  | Light Gray                      |

\* within working pressure range

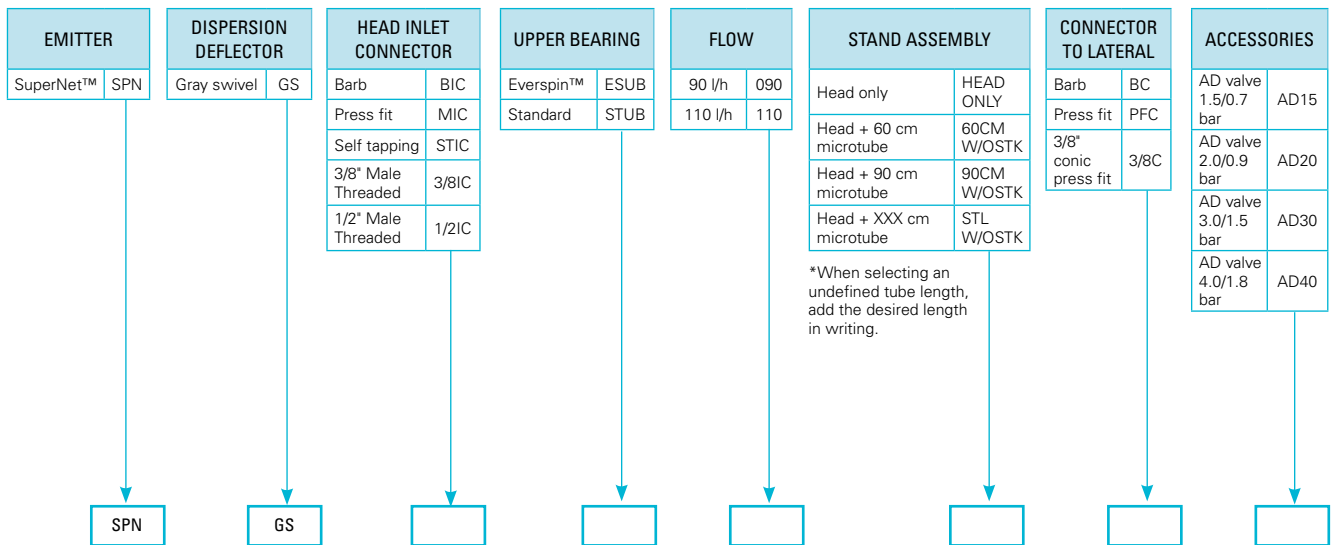
## PACKAGING DATA

| SUPERNET™ GS  | QUANTITY P/BOX<br>UNITS | BOX SIZE<br>(CM X CM X CM) | BOX WEIGHT<br>(KG) | BOXES<br>P/PALLET | TOTAL UNITS<br>P/PALLET | PALLET WEIGHT<br>(KG) |
|---|-------------------------|----------------------------|--------------------|-------------------|-------------------------|-----------------------|
| Head only   | 500                     | 28 x 28 x 57               | 10.1               | 32                | 16000                   | 335                   |
| Complete stand , 60 cm micro tube length ,w/stake   | 100                     | 18 x 34 x 79               | 8.3                | 20                | 2000                    | 178                   |
| Complete stand , 60 cm micro tube length ,w/o stake | 200                     | 18 x 34 x 79               | 7.5                | 20                | 4000                    | 162                   |
| Complete stand , 90 cm micro tube length ,w/stake   | 100                     | 28 x 27 x 113              | 7.1                | 16                | 1600                    | 124                   |
| Complete stand , 90 cm micro tube length ,w/o stake | 200                     | 28 x 27 x 113              | 6.7                | 16                | 3200                    | 117                   |

## SUPERNET™ GS

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.



## SUPERNET™ GS

head only with Standard upper bearing

Catalog number : **63500** - (any of below 6 digits)

| MODEL | BIC    | STIC   | MIC    | 3/8IC  | 1/2IC  |
|-------|--------|--------|--------|--------|--------|
| 090   |        | 095700 | 136000 |        | 166000 |
| 110   | 043900 | 096000 | 137000 | 163000 |        |



SuperNet™ GS, 1/2" male threaded inlet connector

## SUPERNET™ GS assembly stands

Catalog number : **63500** - (any of below 6 digits)

| MODEL                                 | 090    | 110    |
|---------------------------------------|--------|--------|
| SPN GS BIC STUB XXX 120CM W/OSTK PFC  | 043660 | 043960 |
| SPN GS MIC STUB XXX 120CM W/OSTK PFC  |        |        |
| SPN GS STIC STUB XXX 120CM W/OSTK PFC |        |        |

Missing catalog numbers available upon request.

Background color defines the code color of the respective swivel.

All assembly stands include 4\*6.5 mm black SPE micro-tube.

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





## SUPERNET™ JET

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### APPLICATIONS

The SuperNet™ Jet is designed for harsh water containing large amounts of sand thus causing excessive wear of standard rotating swivel.

### SPECIFICATIONS

- A static pressure compensated emitter.
- Flow regulated micro-emitter, 7 different flow rates: 30, 35, 40, 50, 58, 70, 90 l/h.  
Flow rates within pressure range.
- Pressure range 1.5-4.0 bar.
- Recommended filtration: 200 micron / 80 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, pre treatment will be applied according to Netafim™ expert team's instructions.
- 5 types of inlet connectors:
  - Barb
  - Self tapping
  - Press fit
  - 3/8" male threaded
  - 1/2" male threaded
- Upper bearing:  
Special type of upper bearing (square hole) holds the rotor from spinning.
- 6 types of static deflectors:
  - 360 degrees (12 jets)
  - 300 degrees (10 Jets)
  - 2x90 (butterfly) (8 jets)
  - 180 degrees (6 jets)
  - 90 degrees (4 jets)
  - FS flat spray deflector
- All deflectors are colored Orange.
- SuperNet™ micro-sprinklers meet ISO 8026 standards (SI 1406) with production certified by the Israel Standards Institute (SII).

### FEATURES AND BENEFITS

- Unique regulation mechanism ensures even water and nutrients quantities per tree, and wetting diameter regardless of sprinkler's inlet pressures (within pressure range).
- Anti-ant mechanism prevents insect penetration into the area of the micro-emitter nozzle.
- Regulated emitter made of plastic materials resistant to all agrochemicals & weather conditions.
- Water passage area 30% larger than in any other emitter with identical flow rate. The largest water passages on the market – resists clogging.
- Specially designed for fruit trees, orchards, deciduous and other tree crops.
- Long-term reliable service, simple, modular parts, clog resistant design.



## SUPERNET™ TECHNICAL DATA

| MODEL | FLOW RATE (L/H)* | REGULATION CHAMBER CODE COLOR | NOZZLE SIZE (MM) | WORKING PRESSURE RANGE (BAR) | WETTED RADIUS (M) 20 CM ABOVE GROUND |                       |                      |                      |                     |            | DEFLECTOR CODE COLOR |
|-------|------------------|-------------------------------|------------------|------------------------------|--------------------------------------|-----------------------|----------------------|----------------------|---------------------|------------|----------------------|
|       |                  |                               |                  |                              | 360 DEGREES - 12 JETS                | 300 DEGREES - 10 JETS | BUTTERFLY - 2*4 JETS | 180 DEGREES - 6 JETS | 90 DEGREES - 4 JETS | FLAT SPRAY |                      |
| 030   | 30               | Brown                         | 1.14             | 1.5 - 4.0                    | 1.9                                  | 1.7                   | 1.7                  | 2.8                  | 2.2                 | 1.6        | Orange               |
| 035   | 35               | Light Blue                    | 1.20             | 1.5 - 4.0                    | 2.3                                  | 2.2                   | 2.0                  | 2.8                  | 2.3                 | 1.7        | Orange               |
| 040   | 40               | Blue                          | 1.28             | 1.5 - 4.0                    | 2.7                                  | 2.7                   | 2.2                  | 2.8                  | 2.4                 | 2.0        | Orange               |
| 050   | 50               | Green                         | 1.43             | 1.5 - 4.0                    | 2.8                                  | 2.7                   | 2.2                  | 2.8                  | 2.6                 | N/A        | Orange               |
| 058   | 58               | Gray                          | 1.55             | 1.5 - 4.0                    | 2.8                                  | 2.9                   | 2.5                  | 3.1                  | 2.9                 | N/A        | Orange               |
| 070   | 70               | Black                         | 1.73             | 1.5 - 4.0                    | 2.9                                  | 2.9                   | 2.5                  | 3.1                  | 2.9                 | N/A        | Orange               |
| 090   | 90               | Orange                        | 1.74             | 1.5 - 4.0                    | 2.9                                  | 2.9                   | 2.5                  | 3.1                  | 2.9                 | N/A        | Orange               |

\* within working pressure range

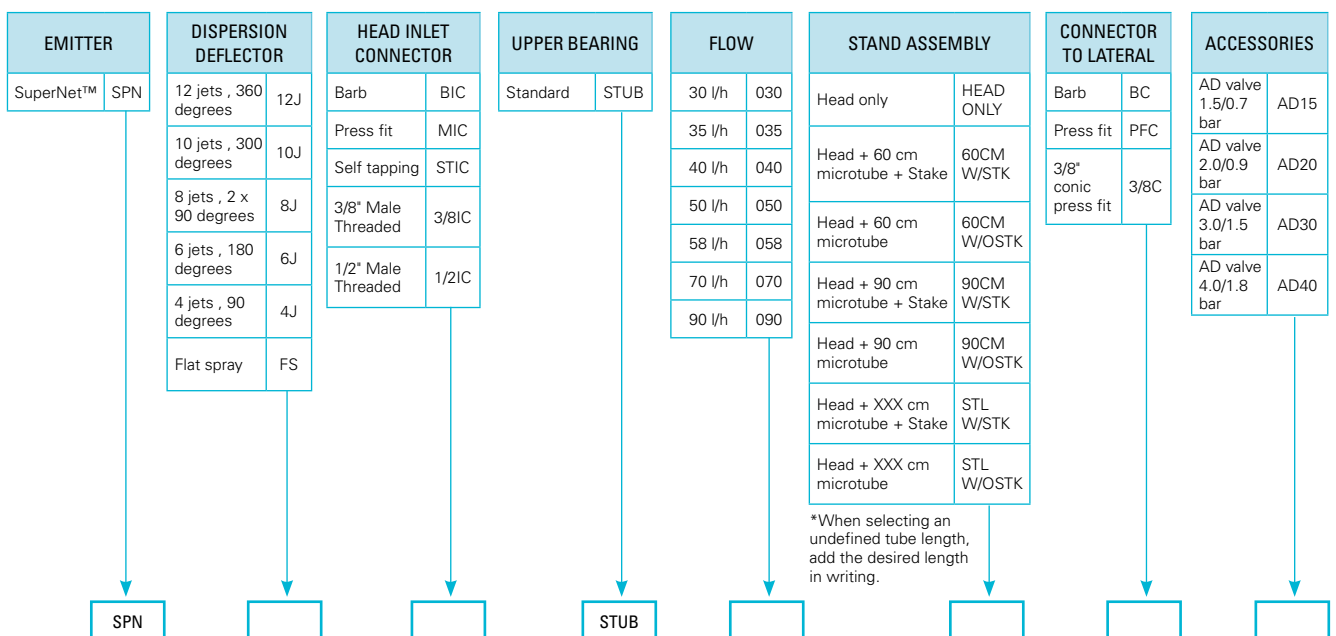
## PACKAGING DATA

| SUPERNET™ JET                                       | QUANTITY 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   | 500                  | 28 x 28 x 57            | 10.1            | 32             | 16000                | 335                |
| Complete stand , 60 cm micro tube length ,w/stake   | 100                  | 18 x 34 x 79            | 8.3             | 20             | 2000                 | 178                |
| Complete stand , 60 cm micro tube length ,w/o stake | 200                  | 18 x 34 x 79            | 7.5             | 20             | 4000                 | 162                |
| Complete stand , 90 cm micro tube length ,w/stake   | 100                  | 28 x 27 x 113           | 7.1             | 16             | 1600                 | 124                |
| Complete stand , 90 cm micro tube length ,w/o stake | 200                  | 28 x 27 x 113           | 6.7             | 16             | 3200                 | 117                |

## SUPERNET™ JET

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.



### SUPERNET™ JET

12 Jet , head only with Standard upper bearing  
 Catalog number : **63500** - (any of below 6 digits)

| MODEL | BIC    | STIC   | MIC    |
|-------|--------|--------|--------|
| 030   |        | 096250 | 124800 |
| 035   | 044710 | 096910 | 125200 |
| 040   | 045550 | 097550 | 125800 |
| 050   |        | 098850 | 126400 |
| 058   |        | 100150 |        |
| 070   | 049450 | 101450 | 127600 |
| 090   | 050750 | 102750 |        |



SuperNet™ BIC, barb inlet connector

### SUPERNET™ JET

10 Jet , head only with Standard upper bearing  
 Catalog number : **63500** - (any of below 6 digits)

| MODEL | BIC    | STIC   | MIC    |
|-------|--------|--------|--------|
| 030   |        |        |        |
| 035   | 044715 |        | 125610 |
| 040   |        | 097555 |        |
| 050   |        |        | 126410 |
| 058   |        |        |        |
| 070   | 049455 |        |        |
| 090   |        |        |        |



SuperNet™ STIC, self tapping inlet connector

### SUPERNET™ JET

8 (2\*90) Jet , head only with Standard upper bearing  
 Catalog number : **63500** - (any of below 6 digits)

| MODEL | BIC    | STIC   | MIC    |
|-------|--------|--------|--------|
| 030   | 044260 | 096260 | 124620 |
| 035   |        | 096920 |        |
| 040   | 045560 | 097560 |        |
| 050   |        |        | 126420 |
| 058   |        |        |        |
| 070   | 049460 | 101475 |        |
| 090   |        |        |        |



SuperNet™ MIC, male press-fit inlet connector

### SUPERNET™ JET

6 Jet , head only with Standard upper bearing  
 Catalog number : **63500** - (any of below 6 digits)

| MODEL | BIC    | STIC   | MIC    |
|-------|--------|--------|--------|
| 030   |        | 096270 |        |
| 035   | 044730 | 096930 | 125650 |
| 040   | 045570 | 097570 | 125850 |
| 050   | 046870 |        | 126430 |
| 058   | 048170 | 100170 |        |
| 070   | 049470 | 101470 | 127640 |
| 090   | 050770 | 102770 |        |

### SUPERNET™ JET

4 Jet , head only with Standard upper bearing  
 Catalog number : **63500** - (any of below 6 digits)

| MODEL | BIC    | STIC   | MIC    |
|-------|--------|--------|--------|
| 030   |        | 096265 | 124640 |
| 035   | 044725 |        |        |
| 040   | 045565 | 097565 | 125840 |
| 050   | 046865 | 098875 | 126425 |
| 058   |        |        |        |
| 070   | 049465 | 101465 | 127630 |
| 090   |        | 102765 |        |

### SUPERNET™ JET FS (FLAT SPRAY)

Head only with Standard upper bearing  
 Catalog number : **63500** - (any of below 6 digits)

| MODEL | BIC    | STIC   | MIC    |
|-------|--------|--------|--------|
| 030   |        |        |        |
| 035   | 199000 | 197000 | 198000 |
| 040   |        |        |        |

Missing catalog numbers available upon request

**SUPERNET™ JET** assembly stands

Catalog number : **63500** - (any of below 6 digits)

| MODEL                              | 030    | 035    | 040    | 050    | 058 | 070 | 090    |
|------------------------------------|--------|--------|--------|--------|-----|-----|--------|
| SPNJET 12J BIC XXX 60CM W/STK BC   |        |        | 045950 |        |     |     | 051150 |
| SPNJET 12J STIC XXX 60CM W/STK BC  | 096310 | 097020 | 097950 | 099250 |     |     |        |
| SPNJET 12J MIC XXX 60CM W/STK BC   |        |        |        |        |     |     |        |
| SPNJET 12J BIC XXX 60CM W/STK PFC  |        |        |        |        |     |     |        |
| SPNJET 12J STIC XXX 60CM W/STK PFC |        |        |        |        |     |     |        |
| SPNJET 12J MIC XXX 60CM W/STK PFC  |        |        |        |        |     |     |        |
| SPNJET 10J BIC XXX 60CM W/STK BC   |        |        |        |        |     |     |        |
| SPNJET 10J STIC XXX 60CM W/STK BC  |        |        |        |        |     |     | 104010 |
| SPNJET 10J MIC XXX 60CM W/STK BC   |        |        |        |        |     |     |        |
| SPNJET 10J BIC XXX 60CM W/STK PFC  |        |        |        |        |     |     |        |
| SPNJET 10J STIC XXX 60CM W/STK PFC |        |        |        |        |     |     |        |
| SPNJET 10J MIC XXX 60CM W/STK PFC  |        |        |        |        |     |     |        |
| SPNJET 8J BIC XXX 60CM W/STK BC    | 044267 |        |        |        |     |     |        |
| SPNJET 8J STIC XXX 60CM W/STK BC   |        |        |        |        |     |     |        |
| SPNJET 8J MIC XXX 60CM W/STK BC    |        |        |        |        |     |     |        |
| SPNJET 8J BIC XXX 60CM W/STK PFC   |        |        |        |        |     |     |        |
| SPNJET 8J STIC XXX 60CM W/STK PFC  |        |        |        |        |     |     |        |
| SPNJET 8J MIC XXX 60CM W/STK PFC   |        |        |        |        |     |     |        |
| SPNJET 6J BIC XXX 60CM W/STK BC    |        |        |        | 046890 |     |     |        |
| SPNJET 6J STIC XXX 60CM W/STK BC   |        |        |        |        |     |     |        |
| SPNJET 6J MIC XXX 60CM W/STK BC    |        |        |        |        |     |     |        |
| SPNJET 6J BIC XXX 60CM W/STK PFC   |        |        |        |        |     |     |        |
| SPNJET 6J STIC XXX 60CM W/STK PFC  |        |        | 097590 |        |     |     |        |
| SPNJET 6J MIC XXX 60CM W/STK PFC   | 124635 |        |        |        |     |     |        |
| SPNJET 4J BIC XXX 60CM W/STK BC    |        |        |        |        |     |     |        |
| SPNJET 4J STIC XXX 60CM W/STK BC   |        |        |        |        |     |     |        |
| SPNJET 4J MIC XXX 60CM W/STK BC    |        |        |        |        |     |     |        |
| SPNJET 4J BIC XXX 60CM W/STK PFC   |        |        |        |        |     |     |        |
| SPNJET 4J STIC XXX 60CM W/STK PFC  |        |        | 097567 |        |     |     |        |
| SPNJET 4J MIC XXX 60CM W/STK PFC   |        |        |        |        |     |     |        |

Catalog number : **63500** - (any of below 6 digits)


















| MODEL                               | 030    | 035    | 040    | 050    | 058    | 070    | 090    |
|-------------------------------------|--------|--------|--------|--------|--------|--------|--------|
| SPNJET 12J BIC XXX 60CM W/OSTK BC   | 044273 |        | 045750 |        |        |        |        |
| SPNJET 12J STIC XXX 60CM W/OSTK BC  |        |        | 097750 |        |        |        |        |
| SPNJET 12J MIC XXX 60CM W/OSTK BC   |        |        |        | 126500 |        |        |        |
| SPNJET 12J BIC XXX 60CM W/OSTK PFC  |        |        |        |        |        |        |        |
| SPNJET 12J STIC XXX 60CM W/OSTK PFC | 096300 | 097000 | 097700 | 099000 | 100250 | 101550 | 102850 |
| SPNJET 12J MIC XXX 60CM W/OSTK PFC  |        |        |        |        |        |        |        |
| SPNJET 10J BIC XXX 60CM W/OSTK BC   |        |        |        |        |        |        |        |
| SPNJET 10J STIC XXX 60CM W/OSTK BC  | 096350 |        |        | 096340 |        |        |        |
| SPNJET 10J MIC XXX 60CM W/OSTK BC   |        |        |        |        |        |        |        |
| SPNJET 10J BIC XXX 60CM W/OSTK PFC  |        |        |        |        |        |        |        |
| SPNJET 10J STIC XXX 60CM W/OSTK PFC |        |        |        |        |        |        |        |
| SPNJET 10J MIC XXX 60CM W/OSTK PFC  |        |        |        |        |        |        |        |
| SPNJET 6J BIC XXX 60CM W/OSTK BC    |        |        | 045573 |        |        |        |        |
| SPNJET 6J STIC XXX 60CM W/OSTK BC   |        |        |        |        |        |        |        |
| SPNJET 6J MIC XXX 60CM W/OSTK BC    |        |        |        |        |        |        |        |
| SPNJET 6J BIC XXX 60CM W/OSTK PFC   |        |        |        |        |        |        |        |
| SPNJET 6J STIC XXX 60CM W/OSTK PFC  |        |        |        |        |        |        |        |
| SPNJET 6J MIC XXX 60CM W/OSTK PFC   |        |        |        |        |        |        |        |

Missing catalog numbers available upon request.

Background color defines the code color of the respective deflector. All assembly stands include 4\*6.5 mm black SPE micro-tube.

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

## SUPERNET™ COMPONENTS

|  |  |  |   |
|--|--|--|---|
| <p><b>STANDARD UPPER BEARING CIRCULAR HOLE - TO BE USED ON ALL SUPERNET™ MICRO- SPRINKLERS</b></p>  | <p><b>STANDARD UPPER BEARING SQUARE HOLE - TO BE USED ON ALL SUPERNET™ MICRO-JETS (GRAY)</b></p>  | <p><b>EVERSPIN™ UPPER BEARING CIRCULAR HOLE - TO BE USED ON ALL SUPERNET™ MICRO- SPRINKLERS IN HARSH WATER CONDITIONS</b></p>  | <p><b>SPRING UPPER BEARING CIRCULAR HOLE - TO BE USED ON UD SUPERNET™ MICRO- SPRINKLERS</b></p>  |
| <p>1 unit<br/>63520-005450</p> <p>100 units/bag<br/>63520-005470</p>   | <p>1 unit<br/>63520-005400</p> <p>100 units/bag<br/>63520-005420</p>   | <p>1 unit<br/>63520-011400</p> <p>100 units/bag<br/>63520-011425</p>   | <p>1 unit<br/>63520-011500</p> <p>100 units/bag<br/>63520-011530</p>  |
| <p><b>FRAME</b></p>   | <p><b>STREAM SPLITTER</b></p>   | <p><b>SPRING EVERSPIN™ UPPER BEARING - TO BE USED ON UD SUPERNET™ MICRO- SPRINKLERS IN HARSH WATER CONDITIONS</b></p>         |   |
| <p>1 unit<br/>63520-005500</p> <p>10 units/bag<br/>63520-005525</p> <p>100 units/bag<br/>63520-005510</p>  | <p>1 unit<br/>63520-005800</p> <p>10 units/bag</p> <p>100 units/bag<br/>63520-005830</p>   | <p>1 unit<br/>63520-011300</p> <p>100 units/bag</p>  |   |
| <p><b>LR SWIVEL (PURPLE) TO BE USED WITH 20, 30, 35 AND 40 L/H</b></p>                             | <p><b>LR SWIVEL (BLACK) TO BE USED WITH 50, 58, 70, 90 AND 110L/H</b></p>                        | <p><b>SR SWIVEL (BLUE) TO BE USED WITH ALL FLOWS</b></p>   |   |
| <p>1 unit<br/>63520-005100</p> <p>10 units/bag<br/>63520-005102</p> <p>100 units/bag<br/>63520-005115</p>  | <p>1 unit<br/>63520-005000</p> <p>10 units/bag<br/>63520-005005</p> <p>100 units/bag<br/>63520-005010</p>  | <p>1 unit<br/>63520-005200</p> <p>10 units/bag<br/>63520-005205</p> <p>100 units/bag<br/>63520-005220</p>  |   |
| <p><b>LRD SWIVEL (PURPLE) TO BE USED WITH 20, 30, 35 AND 40 L/H</b></p>                           | <p><b>LRD SWIVEL (BLACK) TO BE USED WITH 50, 58, 70, 90 AND 110L/H</b></p>                      | <p><b>SRD SWIVEL (BLUE) TO BE USED WITH ALL FLOWS</b></p>   |   |
| <p>1 unit<br/>63520-005160</p> <p>10 units/bag<br/>63520-005165</p> <p>100 units/bag<br/>63520-005170</p>  | <p>1 unit<br/>63520-005150</p> <p>10 units/bag</p> <p>100 units/bag<br/>63520-005155</p>   | <p>1 unit<br/>63520-005300</p> <p>10 units/bag</p> <p>100 units/bag<br/>63520-005310</p>   |   |
| <p><b>UD SWIVEL (GREEN) W/SLEEVE TO BE USED WITH 30, 35, 40, 50, 58 AND 70 L/H</b></p>            | <p><b>LR SWIVEL (GRAY) TO BE USED WITH GS MODEL 90 AND 110 L/H</b></p>                          | <p><b>SSR SWIVEL (LIGHT GREEN) TO BE USED WITH 30, 35 AND 40 L/H</b></p>    |   |
| <p>1 unit<br/>63520-005180</p> <p>10 units/bag<br/>63520-005185</p> <p>100 units/bag<br/>63520-005188</p>  | <p>1 unit<br/>63520-005120</p> <p>10 units/bag<br/>63520-005122</p> <p>100 units/bag<br/>63520-005125</p>  | <p>1 unit<br/>63520-005320</p> <p>10 units/bag</p> <p>100 units/bag<br/>63520-005340</p>   |   |
| <p><b>STATIC DEFLECTORS TO BE USED WITH 30, 35, 40, 50, 58, 70 AND 90 L/H</b></p>                 | <p>1 unit</p> <p>100 units/bag</p>   |  |   |
| <p>12 jets (360 degrees)</p>   | <p>63520-005350</p>  | <p>63520-005355</p>  |   |
| <p>10 jets (300 degrees)</p>   | <p>63520-005360</p>  | <p>63520-005365</p>  |   |
| <p>8 jets (2*90 degrees)</p>   | <p>63520-005370</p>  | <p>63520-005375</p>  |   |
| <p>6 jets (180 degrees)</p>  | <p>63520-005380</p>  | <p>63520-005385</p>  |   |
| <p>4 jets (90 degrees)</p>   | <p>63520-005390</p>  | <p>63520-005397</p>  |   |
| <p>FS, flat spray</p>  | <p>63520-005392</p>  |  |   |

Missing catalog numbers available upon request

## SUPERNET™ COMPONENTS

| NOZZLE TUBE |              |
|-------------|--------------|
| 20 l/h      | 63520-001000 |
| 30 l/h      | 63520-001100 |
| 35 l/h      | 63520-001150 |
| 40 l/h      | 63520-001200 |
| 50 l/h      | 63520-001300 |
| 58 l/h      | 63520-001400 |
| 70 l/h      | 63520-001500 |
| 90 l/h      | 63520-001600 |
| 110 l/h     | 63520-001700 |



| DIAPHRAGM     |              |
|---------------|--------------|
| 1 unit        | 63520-005630 |
| 100 units/bag |              |



| "O" RING      |              |
|---------------|--------------|
| 1 unit        | 63520-005700 |
| 100 units/bag | 63520-005720 |



| FLOW CONTROL CHAMBER WITH BARB INLET CONNECTOR |              |            |
|--|--------------|------------|
| 20 l/h   | 63520-001800 | Purple     |
| 30 l/h   | 63520-002200 | Brown      |
| 35 l/h   | 63520-002510 | Light Blue |
| 40 l/h   | 63520-002600 | Blue       |
| 50 l/h   | 63520-003000 | Green      |
| 58 l/h   | 63520-003400 | Gray       |
| 70 l/h   | 63520-003800 | Black      |
| 90 l/h   | 63520-004200 | Orange     |
| 110 l/h  | 63520-004600 | Red        |



| FLOW CONTROL CHAMBER WITH BARB INLET CONNECTOR + ASSEMBLY "O" RING |              |        |
|--|--------------|--------|
| 20 l/h   | 63520-004912 | Purple |
| 30 l/h   | 63520-004925 | Brown  |
| 35 l/h   |              |        |
| 40 l/h   |              |        |
| 50 l/h   | 63520-004952 | Green  |
| 58 l/h   |              |        |
| 70 l/h   |              |        |
| 90 l/h   |              |        |
| 110 l/h  |              |        |



| FLOW CONTROL CHAMBER WITH SELF TAPPING INLET CONNECTOR |              |            |
|--|--------------|------------|
| 20 l/h   | 63520-001900 | Purple     |
| 30 l/h   | 63520-002300 | Brown      |
| 35 l/h   | 63520-002520 | Light Blue |
| 40 l/h   | 63520-002700 | Blue       |
| 50 l/h   | 63520-003100 | Green      |
| 58 l/h   | 63520-003500 | Gray       |
| 70 l/h   | 63520-003900 | Black      |
| 90 l/h   | 63520-004300 | Orange     |
| 110 l/h  | 63520-004700 | Red        |



| FLOW CONTROL CHAMBER WITH SELF TAPPING INLET CONNECTOR + ASSEMBLY "O" RING |              |            |
|--|--------------|------------|
| 20 l/h   | 63520-004910 | Purple     |
| 30 l/h   | 63520-004920 | Brown      |
| 35 l/h   | 63520-004930 | Light Blue |
| 40 l/h   | 63520-004940 | Blue       |
| 50 l/h   | 63520-004950 | Green      |
| 58 l/h   | 63520-004960 | Gray       |
| 70 l/h   | 63520-004970 | Black      |
| 90 l/h   | 63520-004980 | Orange     |
| 110 l/h  | 63520-004990 | Red        |



| FLOW CONTROL CHAMBER WITH MALE PRESS-FIT INLET CONNECTOR |              |            |
|--|--------------|------------|
| 20 l/h   | 63520-001750 | Purple     |
| 30 l/h   | 63520-002150 | Brown      |
| 35 l/h   | 63520-002505 | Light Blue |
| 40 l/h   | 63520-002570 | Blue       |
| 50 l/h   | 63520-002950 | Green      |
| 58 l/h   | 63520-003350 | Gray       |
| 70 l/h   | 63520-003750 | Black      |
| 90 l/h   | 63520-004150 | Orange     |
| 110 l/h  | 63520-004550 | Red        |



| FLOW CONTROL CHAMBER WITH 3/8" MALE THREADED INLET CONNECTOR |              |            |
|--|--------------|------------|
| 20 l/h   | 63520-002000 | Purple     |
| 30 l/h   | 63520-002400 | Brown      |
| 35 l/h   | 63520-002530 | Light Blue |
| 40 l/h   | 63520-002800 | Blue       |
| 50 l/h   | 63520-003200 | Green      |
| 58 l/h   | 63520-003600 | Gray       |
| 70 l/h   | 63520-004000 | Black      |
| 90 l/h   | 63520-004400 | Orange     |
| 110 l/h  | 63520-004800 | Red        |



| FLOW CONTROL CHAMBER WITH 1/2" MALE THREADED INLET CONNECTOR |              |            |
|--|--------------|------------|
| 20 l/h   | 63520-002100 | Purple     |
| 30 l/h   | 63520-002500 | Brown      |
| 35 l/h   | 63520-002550 | Light Blue |
| 40 l/h   | 63520-002900 | Blue       |
| 50 l/h   | 63520-003300 | Green      |
| 58 l/h   | 63520-003700 | Gray       |
| 70 l/h   | 63520-004100 | Black      |
| 90 l/h   | 63520-004500 | Orange     |
| 110 l/h  | 63520-004900 | Red        |



Missing catalog numbers available upon request



## STRIPNET™ PRO

PRESSURE-COMPENSATED, STRIP EMITTER

### APPLICATIONS

- Strip frost mitigation on vineyards.
- Cooling of trellised crops.

### SPECIFICATIONS

- Pressure compensated static emitter.
- Pressure regulating range: 2.0-4.0 bar.
- Rectangular water covering pattern: 0.5 meters wide by 5.5 meters long.
- Inlet connectors: barb.
- Recommended filtration: 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, pre treatment will be applied according to Netafim™ expert team's instructions.

- Maximum recommended distance between heads: 5.0 meters.
- One active, brown colored nozzle; one plugged, black colored nozzle.
- Can be mounted on wood or metal stakes or between two of the existing wires on the growing line.
- No moving parts.
- Acid resistant (AA) raw materials.

### FEATURES AND BENEFITS

- Unique regulation mechanism makes it the perfect choice for hillside applications or longer rows.
- The StripNet™ Pro Frost mitigation system operates using as little as 20 m<sup>3</sup>/hectare (depending on vine row spacing) - less than half the water required by full-coverage sprinkler systems.
- Alignment problems are solved with the unique, grower-friendly mounting bracket between wires system; simply install it and then forget about it. Proper alignment is inherent.
- Micro-emitter made of plastic materials is resistant to all agrochemicals and weather conditions.
- Energy and water saving.
- Long-term reliable service, simple, modular parts.



## STRIPNET™ PRO TECHNICAL DATA

| MODEL | FLOW RATE*<br>(l/h) | CODE COLOR | NOZZLE WATER<br>PASSAGES AREA<br>(MM²) | WORKING PRESSURE<br>RANGE<br>(BAR) | WETTED AREA<br>(M X M) | ACTIVE NOZZLE CODE<br>COLOR |
|-------|---------------------|------------|--|------------------------------------|------------------------|-----------------------------|
| 30    | 31                  | Brown      | 0.83                                   | 2.0-4.0                            | 0.5 x 5.5              | Brown                       |

\*Within working pressure range

## PACKAGING DATA

| STRIPNET™ PRO                     | QUANTITY P/BOX<br>UNITS | BOX SIZE<br>(CM X CM X CM) | BOX WEIGHT<br>(KG) | BOXES<br>P/PALLET | TOTAL UNITS<br>P/PALLET | PALLET WEIGHT<br>(KG) |
|-----------------------------------|-------------------------|----------------------------|--------------------|-------------------|-------------------------|-----------------------|
| Head only                         | 650                     | 18 x 34 x 79               | 12.2               | 36                | 23400                   | 439                   |
| Complete stand (120 cm) w/o stake | 100                     | 17 x 26 x 139              | 10.1               | 15                | 1500                    | 152                   |
| Complete stand (200 cm) w/o stake | 50                      | 17 x 26 x 139              | 7.2                | 15                | 750                     | 108                   |

## STRIPNET™ PRO HEAD ONLY

| MODEL        | BIC  |
|--------------|--|
| 030          |  |
| 64400-001000 |  |

## STRIPNET™ PRO COMPONENTS

|  |   |
|--|---|
| STRIPNET™ PRO, ACTIVE<br>NOZZLE (BROWN)  |   |
| 64420-002680                             |   |
| STRIPNET™ PRO, PLUGGED<br>NOZZLE (BLACK) |  |
| 64420-002641                             |   |
| STRIPNET™ PRO "Y" NOZZLES<br>BODY        |  |
| 64420-002700                             |   |
| STRIPNET™ PRO TUBE                       |  |
| 64420-002600                             |   |

## STRIPNET™ PRO ASSEMBLY STANDS

Catalog number : **64400** - (any of below 6 digits)



| MODEL                             | 030    |
|-----------------------------------|--------|
| STRIPNET PRO BIC 030 120CM W/OSTK | 001150 |
| STRIPNET PRO BIC 030 200CM W/OSTK | 001480 |

All assembly stands include 4\*6.5 mm black SPE micro-tube.  
Other stand combinations can be ordered.




## ASSEMBLY OPTIONS

STRIPNET™ PRO CAN BE ASSEMBLED IN ONE OF THE FOLLOWING THREE WAYS:

|  |   |
|--|---|
| <p>On a wooden pole, with a Netafim™ clamp,<br/>         Catalog number, 1 unit: 64420-003100<br/>         600 units p/box, 28 x 27 x 57 cm, 5.8 kg</p>  |  |
| <p>On a metal stake (2.5 to 5.0 mm thick), with a Netafim™ special design clamp,<br/>         Catalog number, 1 unit: 64420-003010<br/>         1200 units p/box, 35 x 35 x 57 cm, 14.5 kg</p> |  |

When the distances between stakes are more than five meters, or when exact alignment is preferred, it is recommended to use the Netafim™ "bracket between wires", unique installation system between two of the vineyard metal wires. This product includes two injected plastic parts, a metal or fiberglass rod (according to the user's choice), and two metal wires for tightening.

|  |  |
|--|--|
| <p>2 plastic parts<br/>         Catalog number: 64420-003600<br/>         200 units p/box (only the 2 plastic parts), 18 x 34 x 79 cm, 6.3 kg</p> <p>Double loop wires ties (2 units)<br/>         Catalog number: 64420-003700</p> <p>Metal rod, 6 mm diameter<br/>         60 cm length<br/>         Catalog number: 65080-001000<br/>         100 cm length<br/>         Catalog number: 65080-001100</p> |  |
|--|--|

\*Other metal rod lengths available upon request







## PULSAR™ WITH STRIPNET™ HEAD

### PRESSURE COMPENSATED EMITTER

#### APPLICATIONS

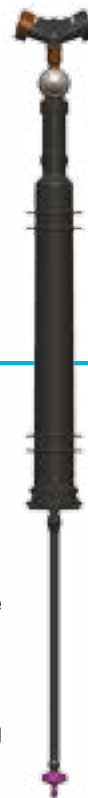
- Strip frost-mitigation in vineyards.
- Cooling of trellised crops.

#### SPECIFICATIONS

- Pressure compensated static micro-emitter.  
Consists of a flow regulator (Pressure Compensated dripper), a micro tube connecting between the regulator and the tube chamber inlet, a tube with an air bag inside, AD valve and micro-emitter head.
- Pressure regulating range: 2.5-4.0 bar.  
Minimum working pressure at the pressure compensated dripper inlet: 2.5 bar.  
Micro-emitter height above distributor pipe should be added to the required minimum recommended working pressure, when calculating the minimal pressure required for product's proper operation.
- Recommended filtration: 130 micron / 120 mesh.  
Filtration method is to be selected based on the kind and concentration of the dirt particles contained in the water.  
Wherever sand in the water exceeds 2 ppm exists, Hydrocyclone is to be installed before the main filter.  
When sand / silt / clay exceed 100 ppm, pre-treatment will be applied according to Netafim™ expert team's instructions.
- Flow rates: 12, 15, 20 l/h.
- Rectangular water covering pattern.
- Maximum recommended distance between heads: 6.0 meters.
- In order to ensure the length of the water covering pattern, make sure that the poles of the vineyards on which the Pulsars are to be installed, are absolutely vertical.
- One active, brown colored nozzle; one plugged, black colored nozzle.
- Inlet connectors: barb.
- Can be mounted on wood or metal stakes.
- No moving parts.
- Chemical resistant to standard nutrients used in agricultural.

#### FEATURES AND BENEFITS

- The Pulsar™-StripNet™ frost-mitigation system operates using as little as 10 m<sup>3</sup>/h hectare (depending on vine row spacing) - less than 70% the water required by full-coverage sprinkler systems.
- Several pulses per minute, according to the selected flow rate, ensure continuous irrigation over a large area for many hours.
- Pressure compensated: Precise and equal amounts of water are delivered over a broad pressure range. 100 % uniformity of water distribution along the laterals.
- Unique regulation mechanism makes it the perfect choice for hillside applications or longer rows.
- Soil saturation / flooding are avoided even after many hours of irrigation.
- The water supply system including pump, filtration system, pipes and fittings is relatively small and far less expensive to purchase, install and maintain.
- Micro-emitter made of plastic materials resistant to standard nutrients used in agricultural and weather conditions.
- Energy and water saving.
- Simple, modular parts.
- Distributes relatively small water amounts over a large wetted area.







## PULSAR™ WITH GYRONET™ HEAD

### PRESSURE COMPENSATED EMITTER

#### APPLICATIONS

- Frost-mitigation in fruit trees.
- Cooling of fruit trees and other crops.

#### SPECIFICATIONS

- Pressure compensated micro-sprinkler.  
Consists of a flow regulator (Pressure Compensated dripper), a micro tube connecting between the regulator and the tube chamber inlet, a tube with an air bag inside, AD valve and micro-sprinkler head.
- Pressure regulating range: according to model.  
Minimum working pressure at the pressure compensated dripper inlet: 1.7 or 2.5 bar.  
Micro-sprinkler height above distributor pipe should be added to the required minimum recommended working pressure, when calculating the minimal pressure required for product's proper operation.
- Recommended filtration: 130 micron / 120 mesh.  
Filtration method is to be selected based on the kind and concentration of the dirt particles contained in the water.  
Wherever sand in the water exceeds 2 ppm exists, Hydrocyclone is to be installed before the main filter.  
When sand / silt / clay exceed 100 ppm, pre-treatment will be applied according to Netafim™ expert team's instructions.
- Flow rates: 8, 12, 15, 20, 25 l/h.
- 3 different swivels : SR, SRD, SSR (distribution data attached).
- Recommended installation: one emitter above each tree or according to the crop needs.
- In order to ensure the water covering pattern, make sure that the poles / rods / stakes on which the Pulsar's are to be installed, are absolutely vertical.
- Inlet connectors: barb.
- Can be mounted on wood or metal stakes.
- Chemical resistant to standard nutrients used in agricultural.

#### FEATURES AND BENEFITS

- The Pulsar™-GyroNet™ frost-mitigation / cooling system operates using as little as 15 m<sup>3</sup>/h hectare (depending on trees spacing) - less than 50% the water required by full-coverage sprinkler systems.
- Several pulses per minute, according to the selected flow rate, ensure continuous irrigation over a large area for many hours.
- Pressure compensated: Precise and equal amounts of water are delivered over a broad pressure range. 100 % uniformity of water distribution along the laterals.
- Unique regulation mechanism makes it the perfect choice for hillside applications or longer rows.
- Soil saturation / flooding are avoided even after many hours of irrigation.
- The water supply system including pump, filtration system, pipes and fittings is relatively small and far less expensive to purchase, install and maintain.
- Micro-sprinkler made of plastic materials resistant to standard nutrients used in agricultural and weather conditions.
- Energy and water saving.
- Simple, modular parts.
- Distributes relatively small water amounts over a large wetted area.





## PULSAR™ WITH GYRONET™ HEAD IN UP RIGTH (UR) INSTALLATIONS

| MODEL        | FLOW RATE (L/H) | WHIT BLUE PIN AD VALVE, AT 2.5 BAR PRESSURE AT THE FLOW REGULATOR INLET |                  |                                   | WHIT BLACK PIN AD VALVE, AT 1.7 BAR PRESSURE AT THE FLOW REGULATOR INLET |                  |                                   |
|--------------|-----------------|---|------------------|-----------------------------------|--|------------------|-----------------------------------|
|              |                 | WETTED DIAMETER* (M)  | WETTED AREA (M²) | PRECIPITATION RATE AVERAGE (MM/H) | WETTED DIAMETER* (M)   | WETTED AREA (M²) | PRECIPITATION RATE AVERAGE (MM/H) |
| GyroNet™ SR  | 8               | 4.0   | 12.6             | 0.6                               | 3.5  | 9.6              | 0.8                               |
| GyroNet™ SR  | 12              | 5.0   | 19.6             | 0.6                               | 4.0  | 12.6             | 1.0                               |
| GyroNet™ SR  | 15              | 5.0   | 19.6             | 0.8                               | 4.5  | 15.9             | 0.9                               |
| GyroNet™ SR  | 20              | 5.5   | 23.8             | 0.8                               | 4.5  | 15.9             | 1.3                               |
| GyroNet™ SR  | 25              | 6.0   | 28.3             | 0.9                               | 4.5  | 15.9             | 1.6                               |
| GyroNet™ SRD | 8               | 2.5   | 4.9              | 1.6                               | 2.0  | 3.1              | 2.5                               |
| GyroNet™ SRD | 12              | 2.5   | 4.9              | 2.4                               | 2.0  | 3.1              | 3.8                               |
| GyroNet™ SRD | 15              | 2.5   | 4.9              | 3.1                               | 2.0  | 3.1              | 4.8                               |
| GyroNet™ SRD | 20              | 3.0   | 7.1              | 2.8                               | 2.5  | 4.9              | 4.1                               |
| GyroNet™ SRD | 25              | 3.0   | 7.1              | 3.5                               | 2.5  | 4.9              | 5.1                               |
| GyroNet™ SSR | 8               | 1.5   | 1.8              | 4.5                               | 2.0  | 3.1              | 2.5                               |
| GyroNet™ SSR | 12              | 2.0   | 3.1              | 3.8                               | 2.5  | 4.9              | 2.4                               |
| GyroNet™ SSR | 15              | 2.5   | 4.9              | 3.1                               | 2.5  | 4.9              | 3.1                               |
| GyroNet™ SSR | 20              | 2.5   | 4.9              | 4.1                               | 3.0  | 7.1              | 2.8                               |
| GyroNet™ SSR | 25              | 3.0   | 7.1              | 3.5                               | 3.0  | 7.1              | 3.5                               |

\* wetted diameter at 0.5 meter above crop

## PULSAR™ WITH GYRONET™ HEAD IN UPSIDE DOWN (UD) INSTALLATIONS

| MODEL        | FLOW RATE (L/H) | WHIT BLUE PIN AD VALVE, AT 2.5 BAR PRESSURE AT THE FLOW REGULATOR INLET |                  |                                   |
|--------------|-----------------|---|------------------|-----------------------------------|
|              |                 | WETTED DIAMETER* (M)  | WETTED AREA (M²) | PRECIPITATION RATE AVERAGE (MM/H) |
| GyroNet™ SR  | 12              | 3.5   | 9.6              | 1.2                               |
| GyroNet™ SR  | 15              | 3.5   | 9.6              | 1.6                               |
| GyroNet™ SR  | 20              | 3.5   | 9.6              | 2.1                               |
| GyroNet™ SSR | 12              | 2.0   | 3.1              | 3.8                               |
| GyroNet™ SSR | 15              | 2.0   | 3.1              | 4.8                               |
| GyroNet™ SSR | 20              | 2.0   | 3.1              | 6.4                               |

\* wetted diameter at 2.5 bar pressure at the flow regulator inlet and at 0.5 meter above crop

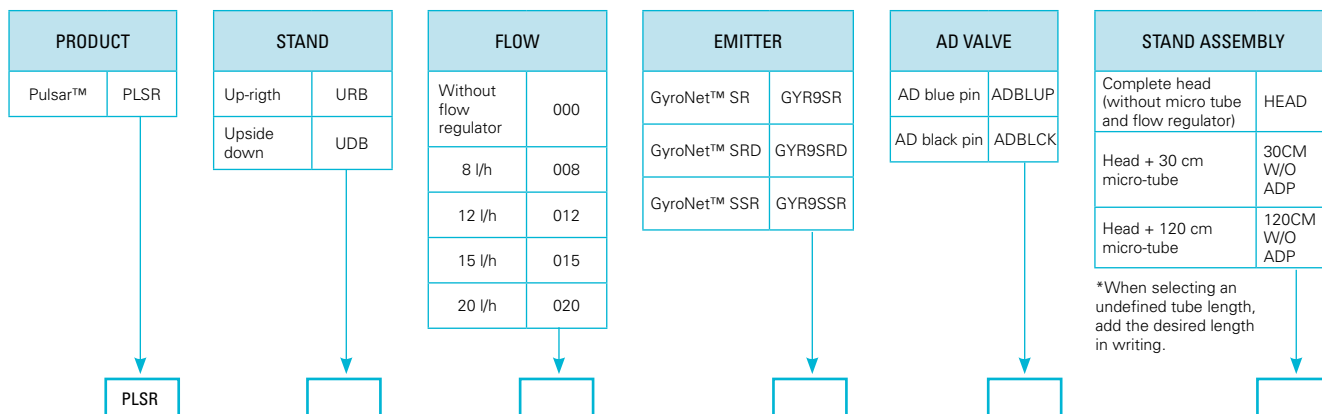
## PACKAGING DATA

| PULSAR™                               | QUANTITY 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 (UR tube+AD valve+GyroNet)  | 150                  | 36 X 31 X 53            | 7.2             | 18             | 2700                 | 142                |
| Head only (UD tube+AD valve+GyroNet)  | 80                   | 28 X 28 X 57            | 9.1             | 32             | 2560                 | 291                |
| Complete UR stand (120 cm.) w/o stake | 50                   | 28 x 27 x 113           | 8.8             | 16             | 800                  | 141                |
| Complete UR stand (200 cm.) w/o stake | 50                   | 28 x 27 x 113           | 9.2             | 16             | 800                  | 147                |
| Complete UD stand (30 cm.) w/o stake  | 100                  | 28 x 27 x 113           | 15.2            | 16             | 1600                 | 243                |

## PULSAR™ WITH GYRONET™ HEAD

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.



\*When selecting an undefined tube length, add the desired length in writing.

## DESCRIPTION AND CATALOG NUMBER SAMPLE

|   |
|---|
| <b>CATALOG NUMBER:</b> 63700-008180   |
| <b>SAP DESCRIPTION:</b> PLSR URB 020 GYR9SR ADBLUP 120CM  |
| <b>PRODUCT COMPONENTS:</b> Pulsar™ , Flow regulator 20 l/h, 120 cm micro-tube, tube with barb inlet connector, AD valve with blue pin, GyroNet™ head with SR (short range) swivel |

## OTHERS ACTIVE CATALOG NUMBERS

|   |
|---|
| <b>CATALOG NUMBER:</b> 63700-007660                       |
| <b>SAP DESCRIPTION:</b> PLSR URB 008 GYR9SR ADBLUP 60CM   |
| <b>CATALOG NUMBER:</b> 63700-008190                       |
| <b>SAP DESCRIPTION:</b> PLSR URB 020 GYR9SSR ADBLUP 120CM |
| <b>CATALOG NUMBER:</b> 63700-008210                       |
| <b>SAP DESCRIPTION:</b> PLSR URB 020 GYR9SSR ADBLUP 200CM |
| <b>CATALOG NUMBER:</b> 63700-008500                       |
| <b>SAP DESCRIPTION:</b> PLSR URB 025 GYR9SR ADBLUP 120CM  |
| <b>CATALOG NUMBER:</b> 63700-008550                       |
| <b>SAP DESCRIPTION:</b> PLSR URB 025 GYR9SSR ADBLUP 120CM |

\*Other catalog numbers, according to desired product definition, available upon request.

## ASSEMBLY OPTIONS

Pulsar™ UR can be assembled in one of the following ways:

|                             |   |                               |   |   |   |
|-----------------------------|---|-------------------------------|---|---|---|
| <b>CLAMP FOR WOOD POLES</b> |  | <b>CLAMP FOR METAL STAKES</b> |  | <b>ADAPTER TO METAL/FIBERGLASS RODS</b> |  |
| 64420-003100                |   | 64420-003010                  |   | 6 mm rod (Blue)<br>63520-005950         |   |
|                             |   |                               |   | 8 mm rod (Black)<br>63520-005970        |   |

For correct installation of the Pulsar™ UR it is recommended to use special UV protected bands for this purpose: Black band 380\*4.8 UV (100/bag) .

Catalog number: 63720-001800 (100 units /bag)











## PULSAR™ WITH MISTNET™ HEAD

### PRESSURE COMPENSATED EMITTER

#### APPLICATIONS

Cooling and humidification of trees areas.

#### SPECIFICATIONS

- Pressure compensated static micro-emitter.  
Consists of a flow regulator (Pressure Compensated dripper), a micro tube connecting between the regulator and the tube chamber inlet, a tube with an air bag inside, AD valve and micro-emitter head.
- Pressure regulating range: 2.5-4.0 bar.  
Minimum working pressure at the pressure compensated dripper inlet: 2.5 bar.  
Micro-sprinkler height above distributor pipe should be added to the required minimum recommended working pressure, when calculating the minimal pressure required for product's proper operation.
- Recommended filtration: 130 micron / 120 mesh.  
Filtration method is to be selected based on the kind and concentration of the dirt particles contained in the water.  
Wherever sand in the water exceeds 2 ppm exists, Hydrocyclone is to be installed before the main filter.  
When sand / silt / clay exceed 100 ppm, pre-treatment will be applied according to Netafim™ expert team's instructions.
- Flow rates: 8 l/h.
- Recommended installation: one emitter above or in the middle of each tree.
- Static micro-emitter, no moving parts.
- Inlet connectors: barb.
- Can be mounted on wood or metal stakes.
- Chemical resistant to standard nutrients used in agricultural.

#### FEATURES AND BENEFITS

- The Pulsar™-MistNet™ cooling system operates using as little as 10 m<sup>3</sup>/h hectare (depending on trees spacing).
- Several pulses per minute ensure continuous irrigation over a large area for many hours.
- Pressure compensated: Precise and equal amounts of water are delivered over a broad pressure range.  
100 % uniformity of water distribution along the laterals.
- Unique regulation mechanism makes it the perfect choice for hillside applications or longer rows.
- Soil saturation / flooding are avoided even after many hours of irrigation.
- The water supply system including pump, filtration system, pipes and fittings is relatively small and far less expensive to purchase, install and maintain.
- Micro-emitter made of plastic materials resistant to standard nutrients used in agricultural and weather conditions.
- Energy and water saving.
- Distributes relatively small water amounts over a large wetted area.



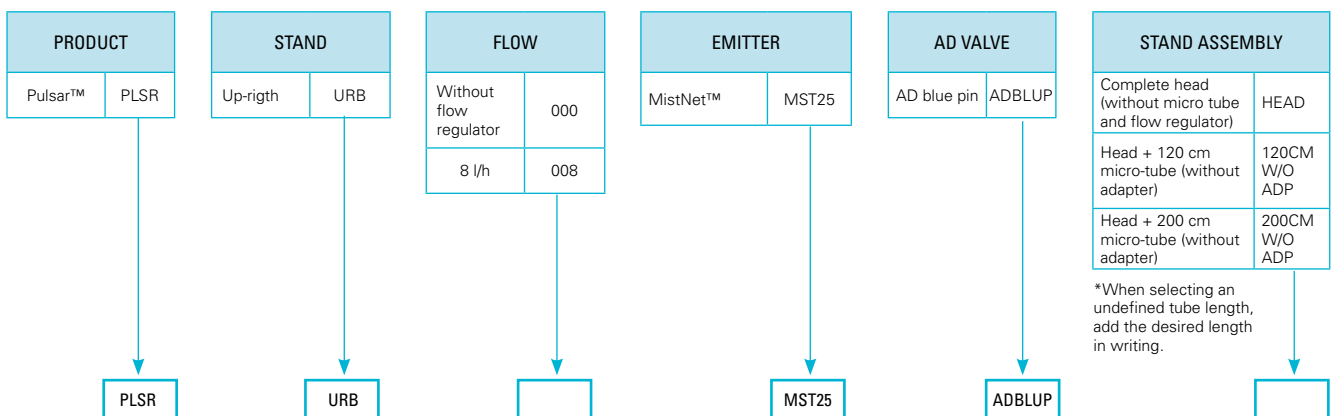
## PACKAGING DATA

| PULSAR™                               | QUANTITY 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 (UR tube+AD valve+MistNet)  | 150                  | 36 X 31 X 53            | 7.2             | 18             | 2700                 | 142                |
| Complete UR stand (120 cm.) w/o stake | 50                   | 28 x 27 x 113           | 8.8             | 16             | 800                  | 141                |
| Complete UR stand (200 cm.) w/o stake | 50                   | 28 x 27 x 113           | 9.2             | 16             | 800                  | 147                |

## PULSAR™ WITH MISTNET™ HEAD

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.



## DESCRIPTION AND CATALOG NUMBER SAMPLE

|   |
|---|
| CATALOG NUMBER: 63700-006100  |
| SAP DESCRIPTION: PLSR URB 008 MST25 ADBLUP 200CM  |
| PRODUCT COMPONENTS: Pulsar™ , Flow regulator 8 l/h, 120 cm micro-tube, tube with barb inlet connector, AD valve with blue pin, MistNet™ head. |

## ASSEMBLY OPTIONS

Pulsar™ UR can be assembled in one of the following ways:

|                      |   |                        |  |                                   |   |
|----------------------|---|------------------------|--|-----------------------------------|---|
| CLAMP FOR WOOD POLES |  | CLAMP FOR METAL STAKES |  | ADAPTER TO METAL/ FIBERGLASS RODS |  |
| 64420-003100         |   | 64420-003010           |  | 6 mm rod (Blue)<br>63520-005950   |   |
|                      |   |                        |  | 8 mm rod (Black)<br>63520-005970  |   |

For correct installation of the Pulsar™ UR it is recommended to use special UV protected bands for this purpose: Black band 380\*4.8 UV (100/bag) .

Catalog number: 63720-001800 (100 units /bag)







## PULSAR™ WITH VIBRONET™ HEAD

### PRESSURE COMPENSATED EMITTER

DISTRIBUTES RELATIVELY SMALL WATER AMOUNTS OVER A LARGE WETTED AREA

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#### APPLICATIONS

On germination tables, very low precipitation rate irrigation in upside down stands.

#### SPECIFICATIONS

- Pressure compensated micro-emitter.
- Consists of a flow regulator (Pressure Compensated dripper), a micro tube connecting between the regulator and the tube chamber inlet, a tube with an air bag inside, AD valve and VibroNet™ head.
- Minimum working pressure at the flow regulator inlet: 3.5 bar.
- Recommended filtration: 130 micron / 120 mesh.  
Filtration method is to be selected based on the kind and concentration of the dirt particles contained in the water.  
Wherever sand in the water exceeds 2 ppm exists, Hydrocyclone is to be installed before the main filter.  
When sand / silt / clay exceed 100 ppm, pre-treatment will be applied according to Netafim™ expert team's instructions.
- Flow rates: 8, 12, 15, 20 l/h.
- Recommended installation: 1.5 meter above the crop at 1.6\*1.6 to 2\*2 meters rectangular shape.
- Inlet connectors: barb.
- Chemical resistant to standard nutrients used in agricultural.

#### FEATURES AND BENEFITS

- Several pulses per minute ensure continuous irrigation over a large area.
- Pressure compensated: Precise and equal amounts of water are delivered over a broad pressure range.  
100 % uniformity of water distribution along the laterals.
- Unique regulation mechanism makes it the perfect choice for longer rows.
- The water supply system including pump, filtration system, pipes and fittings is relatively small and far less expensive to purchase, install and maintain.
- Micro-emitter made of plastic materials resistant to standard nutrients used in agricultural and weather conditions.
- Energy and water saving.
- Simple, modular parts.



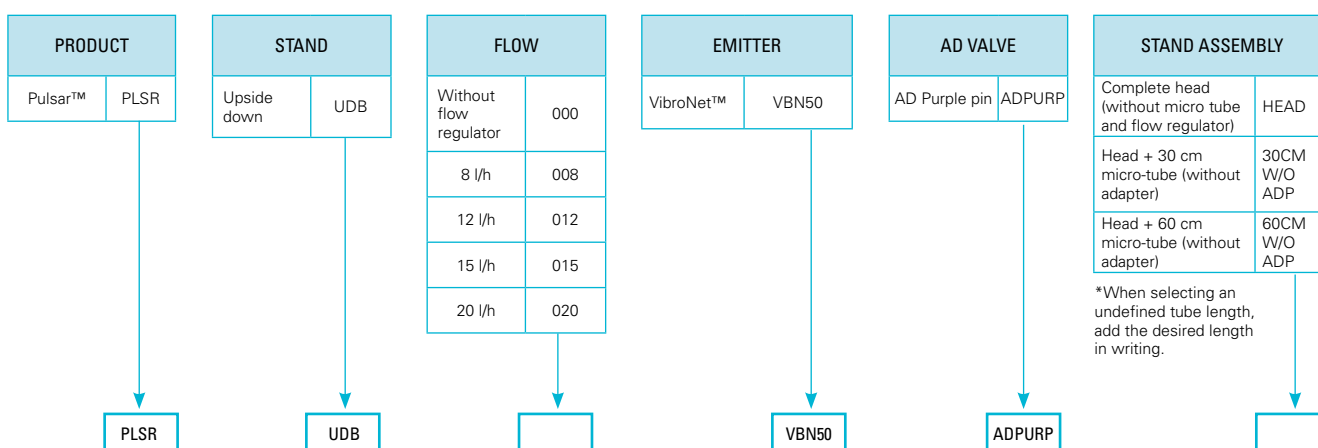
## PACKAGING DATA

| PULSAR™                    | QUANTITY P/BOX UNITS | BOX SIZE (CM X CM X CM) | BOX WEIGHT (KG) | BOXES P/PALLET | TOTAL UNITS P/PALLET | PALLET WEIGHT (KG) |
|----------------------------|----------------------|-------------------------|-----------------|----------------|----------------------|--------------------|
| Complete UD stand (30 cm.) | 100                  | 28 x 27 x 113           | 6.8             | 16             | 1600                 | 109                |

## PULSAR™ WITH VIBRONET™ HEAD

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.



## DESCRIPTION AND CATALOG NUMBER SAMPLE

Sap description: PLSR UDB 012 VBN50 ADPURP 30CM GRAY

Catalog number: 63700-011500

Product components:

Pulsar™, Flow regulator 12 l/h, 30 cm gray micro-tube, tube with barb inlet connector, AD valve with purple pin, VibroNet™ head.



## PULSAR™ WITH COOLNET™ PRO HEAD

PRESSURE COMPENSATED EMITTER

DISTRIBUTES RELATIVELY SMALL WATER AMOUNTS OVER A LARGE WETTED AREA

### APPLICATIONS

Cooling or Humidification.

### SPECIFICATIONS

- Pressure compensated micro-emitter.  
Consists of a flow regulator (Pressure Compensated dripper), a micro tube connecting between the regulator and the tube chamber inlet, a tube with an air bag inside, AD valve and CoolNet™ Pro head.
- Minimum working pressure at the flow regulator inlet: 3.5 bar.
- Recommended filtration: 130 micron / 120 mesh.  
Filtration method is to be selected based on the kind and concentration of the dirt particles contained in the water.  
Wherever sand in the water exceeds 2 ppm exists, Hydrocyclone is to be installed before the main filter. When sand / silt / clay exceed 100 ppm, pre-treatment will be applied according to Netafim™ expert team's instructions.
- Flow rates: 8, 12, 15 l/h.
- Recommended installation: 3\*3 meters rectangular shape as high it is possible, all the emitters at the same level.
- Inlet connectors: barb.
- Chemical resistant to standard nutrients used in agricultural.

### FEATURES AND BENEFITS

- Several pulses per minute ensure continuous water distribution over a large area.
- Pressure compensated: Precise and equal amounts of water are delivered over a broad pressure range.  
100 % uniformity of water distribution along the laterals.
- Unique regulation mechanism makes it the perfect choice for longer rows.
- The water supply system including pump, filtration system, pipes and fittings is relatively small and far less expensive to purchase, install and maintain.
- Micro-emitter made of plastic materials resistant to standard nutrients used in agricultural and weather conditions.
- Energy and water saving.
- Simple, modular parts.



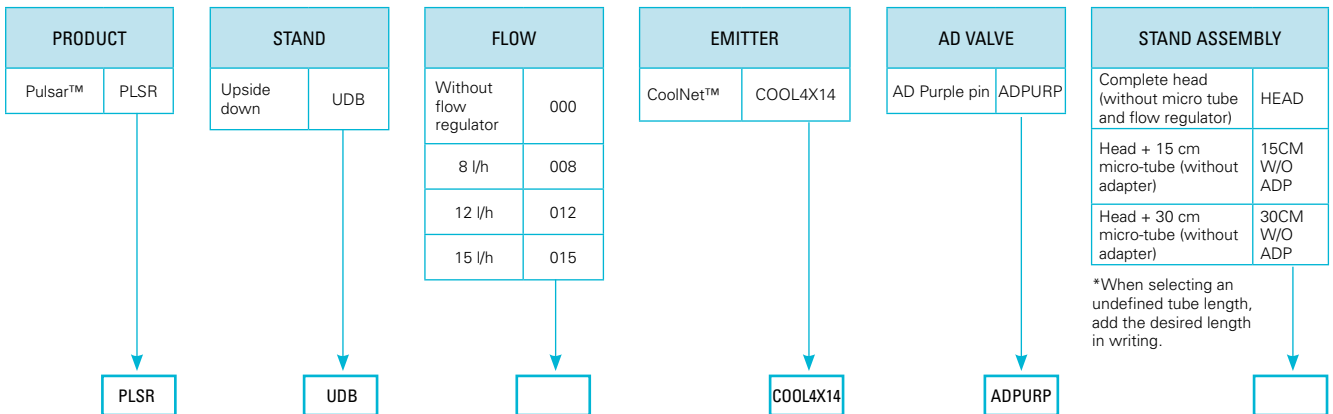
## PACKAGING DATA

| PULSAR™                    | QUANTITY P/BOX UNITS | BOX SIZE (CM X CM X CM) | BOX WEIGHT (KG) | BOXES P/PALLET | TOTAL UNITS P/PALLET | PALLET WEIGHT (KG) |
|----------------------------|----------------------|-------------------------|-----------------|----------------|----------------------|--------------------|
| Complete UD stand (30 cm.) | 100                  | 28 x 27 x 113           | 7.6             | 16             | 1600                 | 122                |

## PULSAR™ WITH COOLNET™ PRO HEAD

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.



## DESCRIPTION AND CATALOG NUMBER SAMPLE

|   |
|---|
| Sap description: PLSR UDB 008 COOL4X14 ADPURP 15CM  |
| Catalog number: 63700-004300  |
| Product components:<br>Pulsar™, Flow regulator 8.0 l/h, 15 cm gray micro-tube, tube with barb inlet connector, AD valve with purple pin, CoolNet™ Pro head. |



## GYRONET™ LR & LRD

### LONG RANGE & LONG RANGE WITH DEFLECTOR

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#### APPLICATIONS

Irrigation of tree plantations with large root volumes.

#### SPECIFICATIONS

- LR means a revolving rotor irrigating a large area.
- LRD stream deflector concentrates all the water in the area surrounding the young tree during the initial growing period. When the tree grows, the stream deflector can be broken off, thus enabling extended irrigation diameter.
- Micro-sprinkler, 10 different flow rates: 27, 40, 58, 70, 90, 120, 150, 200, 250, 300 l/h.  
Nominal flow rates at 1.7 bar pressure.
- Maximum recommended working pressure: 2.5 bar.
- Recommended filtration: 200 micron / 80 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, pre treatment will be applied according to Netafim™ expert team's instructions.
- 3 types of inlet connectors:
  - Self tapping
  - Press fit
  - 3/8" male threaded
- 2 types of upper bearing:
  - Standard - for normal water
  - Everspin™ - for harsh conditions
- The rotor is colored Purple for flows 27 and 40 l/h, Black for flows of 50 to 120 l/h and Gray for flows of 150 to 300 l/h.

#### FEATURES AND BENEFITS

- Anti-ant mechanism prevents insect penetration into the area of the micro-sprinklers nozzle.
- Micro-sprinkler made of plastic materials resistant to all agrochemicals & weather conditions.
- Specially designed for fruit trees, orchards, deciduous and other tree crops.
- Can be used in Frost mitigation and/or Cooling irrigation systems.
- Long-term reliable service, simple, modular parts.



## GYRONET™ TECHNICAL DATA

| MODEL | NOZZLE CODE COLOR | NOZZLE SIZE<br><br>(MM) | CONSTANT<br><br>K | EXPONENT<br><br>X | MAXIMUM WORKING PRESSURE<br><br>(BAR) | WETTED DIAMETER (M)   |                        | SWIVEL (ROTOR) CODE COLOR |
|-------|-------------------|-------------------------|-------------------|-------------------|---------------------------------------|-----------------------|------------------------|---------------------------|
|       |                   |                         |                   |                   |                                       | LR 20 CM ABOVE GROUND | LRD 20 CM ABOVE GROUND |                           |
| 027   | Brown             | 0.75                    | 6.7               | 0.5               | 2.5                                   | 4.0                   | 1.5                    | Purple                    |
| 040   | Blue              | 0.90                    | 9.4               | 0.5               | 2.5                                   | 5.5                   | 1.5                    | Purple                    |
| 058   | Gray              | 1.10                    | 13.5              | 0.5               | 2.5                                   | 7.0                   | 1.5                    | Black                     |
| 070   | Black             | 1.20                    | 17.4              | 0.5               | 2.5                                   | 7.0                   | 2.0                    | Black                     |
| 090   | Orange            | 1.40                    | 22.4              | 0.5               | 2.5                                   | 7.0                   | 2.0                    | Black                     |
| 120   | Red               | 1.57                    | 28.8              | 0.5               | 2.5                                   | 8.0                   | 2.0                    | Black                     |
| 150   | Sky Blue          | 1.77                    | 37.5              | 0.5               | 2.5                                   | 8.5                   | N/A                    | Gray                      |
| 200   | Yellow            | 2.04                    | 49.1              | 0.5               | 2.5                                   | 9.5                   | N/A                    | Gray                      |
| 250   | Purple            | 2.28                    | 61.9              | 0.5               | 2.5                                   | 10.0                  | N/A                    | Gray                      |
| 300   | Green             | 2.48                    | 73.2              | 0.5               | 2.5                                   | 11.0                  | N/A                    | Gray                      |

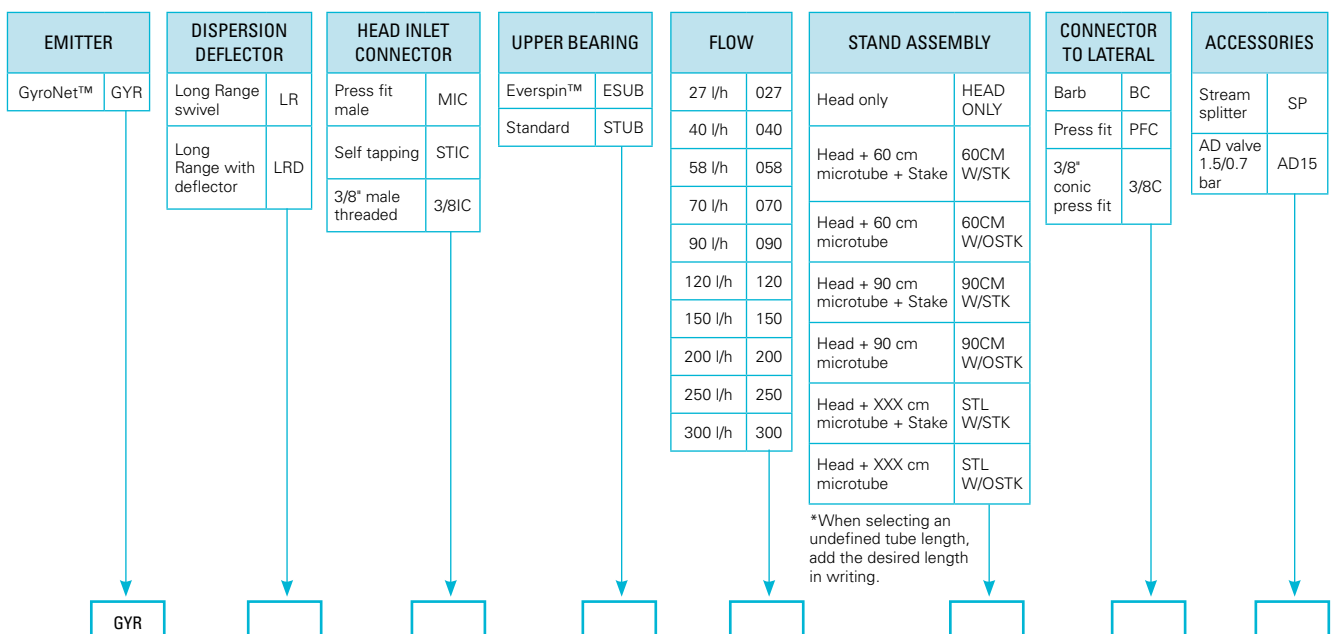
## PACKAGING DATA

| GYRONET™ LR & LRD                | QUANTITY 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                        | 1000                 | 28 x 28 x 57            | 12.5            | 32             | 32000                | 412                |
| Complete stand (60 cm) w/stake   | 100                  | 18 x 34 x 79            | 6.3             | 20             | 2000                 | 137                |
| Complete stand (60 cm) w/o stake | 250                  | 18 x 34 x 79            | 7.1             | 20             | 5000                 | 153                |
| Complete stand (90 cm) w/stake   | 150                  | 28 x 27 x 113           | 7.6             | 18             | 2700                 | 147                |
| Complete stand (90 cm) w/o stake | 200                  | 28 x 27 x 113           | 8.1             | 18             | 3600                 | 155                |

## GYRONET™ LONG RANGE & LONG RANGE WITH DEFLECTOR

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.



## GYRONET™ LR

head only with Standard upper bearing  
Catalog number : **64000** - (any of below 6 digits)

| MODEL | STIC   | MIC    | 3/8IC  |
|-------|--------|--------|--------|
| 027   | 000800 | 020200 | N/A    |
| 040   | 001000 | 020300 | N/A    |
| 058   | 002260 | 021560 | N/A    |
| 070   | 002300 | 021600 | 078400 |
| 090   | 003555 | 022855 |        |
| 120   | 003600 | 022900 |        |
| 150   | 012505 | 070000 |        |
| 200   | N/A    | 071500 | 079200 |
| 250   | N/A    | 073000 |        |
| 300   | N/A    | 074500 |        |



GyroNet™ LR STIC, self tapping inlet connector



GyroNet™ LR MIC, press fit, male inlet connector



GyroNet™ LR 3/8" male threaded inlet connector

## GYRONET™ LR

head only with Everspin™ upper bearing  
Catalog number : **64000** - (any of below 6 digits)

| Model | STIC   | MIC    | 3/8IC  |
|-------|--------|--------|--------|
| 027   | 000805 |        | N/A    |
| 040   | 001010 |        | N/A    |
| 058   | 002262 |        | N/A    |
| 070   | 002305 |        | 078420 |
| 090   | 003557 | 022930 |        |
| 120   | 003610 | 022945 | 078820 |
| 150   | 012507 | 070010 |        |
| 200   | N/A    | 071100 |        |
| 250   | N/A    | 071250 |        |
| 300   | N/A    | 071400 |        |

## GYRONET™ LR assembly stands

Catalog number : **64000** - (any of below 6 digits)

| MODEL                               | 027    | 040    | 058    | 070    | 090    | 120    | 150 | 200 | 250 | 300 |
|-------------------------------------|--------|--------|--------|--------|--------|--------|-----|-----|-----|-----|
| GYR LR STIC STUB XXX 60CM W/STK BC  | 000880 | 001400 |        | 002700 | 003575 | 004000 |     | N/A | N/A | N/A |
| GYR LR STIC STUB XXX 60CM W/STK PFC |        | 001300 | 002290 | 002600 |        |        |     | N/A | N/A | N/A |
| GYR LR MIC STUB XXX 60CM W/STK BC   |        | 020700 |        | 022000 |        | 023300 |     |     |     |     |
| GYR LR MIC STUB XXX 60CM W/STK PFC  |        |        |        | 021900 |        |        |     |     |     |     |
| GYR LR STIC STUB XXX 90CM W/STK BC  |        |        | 002296 | 003100 |        |        |     | N/A | N/A | N/A |
| GYR LR STIC STUB XXX 90CM W/STK PFC |        | 001700 |        |        |        |        |     | N/A | N/A | N/A |
| GYR LR MIC STUB XXX 90CM W/STK BC   |        | 021100 |        |        |        |        |     |     |     |     |
| GYR LR MIC STUB XXX 90CM W/STK PFC  |        | 021000 |        | 022300 | 022854 | 023600 |     |     |     |     |

Catalog number : **64000** - (any of below 6 digits)

| MODEL                                | 027    | 040    | 058    | 070    | 090    | 120    | 150    | 200 | 250 | 300 |
|--------------------------------------|--------|--------|--------|--------|--------|--------|--------|-----|-----|-----|
| GYR LR STIC STUB XXX 60CM W/OSTK BC  |        | 001200 |        | 002500 | 003570 |        |        | N/A | N/A | N/A |
| GYR LR STIC STUB XXX 60CM W/OSTK PFC | 000850 | 001100 | 002280 | 002400 | 003578 | 003700 | 004853 | N/A | N/A | N/A |
| GYR LR MIC STUB XXX 60CM W/OSTK BC   |        |        |        |        |        |        |        |     |     |     |
| GYR LR MIC STUB XXX 60CM W/OSTK PFC  |        |        |        |        |        |        |        |     |     |     |
| GYR LR STIC STUB XXX 90CM W/OSTK BC  |        |        | 002295 | 003110 | 003578 | 004200 |        | N/A | N/A | N/A |
| GYR LR STIC STUB XXX 90CM W/OSTK PFC |        |        |        |        |        |        |        | N/A | N/A | N/A |
| GYR LR MIC STUB XXX 90CM W/OSTK BC   |        |        |        | 022200 |        |        |        |     |     |     |
| GYR LR MIC STUB XXX 90CM W/OSTK PFC  |        |        |        | 022100 |        | 023640 |        |     |     |     |

Missing catalog numbers available upon request.

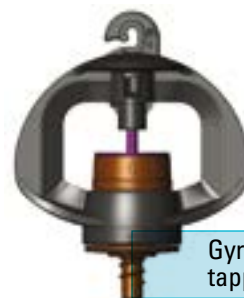
Background color defines the code color of the respective swivel. All assembly stands include 4\*6.5 mm black SPE micro-tube.

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

## GYRONET™ LRD

head only with Standard upper bearing  
Catalog number : **64000** - (any of below 6 digits)

| MODEL | STIC   | MIC    | 3/8IC  |
|-------|--------|--------|--------|
| 027   | 004860 | 024175 | N/A    |
| 040   | 004900 | 024200 | N/A    |
| 058   | 006110 | 025410 | N/A    |
| 070   | 006150 | 025450 | 079400 |
| 090   | 007355 | 026655 | 079600 |
| 120   | 007400 | 026700 | 079800 |
| 150   | 008605 |        | 080000 |
| 200   | N/A    |        | 080200 |
| 250   | N/A    |        | 079850 |
| 300   | N/A    |        | 079860 |



GyroNet™ LRD STIC, self tapping inlet connector



GyroNet™ LRD MIC, press fit, male inlet connector



GyroNet™ LRD 3/8" male threaded inlet connector

## GYRONET™ LRD

head only with Everspin™ upper bearing  
Catalog number : **64000** - (any of below 6 digits)

| Model | STIC   | MIC    | 3/8IC  |
|-------|--------|--------|--------|
| 027   | 004865 | 024176 | N/A    |
| 040   | 004910 | 024210 | N/A    |
| 058   | 006112 | 025411 | N/A    |
| 070   | 006155 | 025460 | 079420 |
| 090   | 007357 | 026656 | 079620 |
| 120   | 007410 | 026710 | 079820 |
| 150   | 012506 |        | 080020 |
| 200   | N/A    |        | 080220 |
| 250   | N/A    |        | N/A    |
| 300   | N/A    |        | N/A    |

## GYRONET™ LRD assembly stands

Catalog number : **64000** - (any of below 6 digits)

| MODEL                                | 027    | 040    | 058    | 070    | 090    | 120    | 150 | 200 | 250 | 300 |
|--------------------------------------|--------|--------|--------|--------|--------|--------|-----|-----|-----|-----|
| GYR LRD STIC STUB XXX 60CM W/STK BC  |        |        |        |        |        |        |     | N/A | N/A | N/A |
| GYR LRD STIC STUB XXX 60CM W/STK PFC |        |        |        |        |        |        |     | N/A | N/A | N/A |
| GYR LRD MIC STUB XXX 60CM W/STK BC   | 024180 | 024600 | 025415 | 025850 | 026657 | 027100 |     |     |     |     |
| GYR LRD MIC STUB XXX 60CM W/STK PFC  |        |        |        |        |        |        |     |     |     |     |
| GYR LRD STIC STUB XXX 90CM W/STK BC  |        |        |        |        |        |        |     | N/A | N/A | N/A |
| GYR LRD STIC STUB XXX 90CM W/STK PFC |        |        |        |        |        |        |     | N/A | N/A | N/A |
| GYR LRD MIC STUB XXX 90CM W/STK BC   |        |        |        | 026160 | 026685 |        |     |     |     |     |
| GYR LRD MIC STUB XXX 90CM W/STK PFC  |        | 024900 | 025430 | 026150 | 026690 | 027400 |     |     |     |     |

Catalog number : **64000** - (any of below 6 digits)

| MODEL                                 | 027 | 040    | 058 | 070    | 090    | 120    | 150 | 200 | 250 | 300 |
|---------------------------------------|-----|--------|-----|--------|--------|--------|-----|-----|-----|-----|
| GYR LRD STIC STUB XXX 60CM W/OSTK BC  |     |        |     | 006290 |        |        |     | N/A | N/A | N/A |
| GYR LRD STIC STUB XXX 60CM W/OSTK PFC |     |        |     |        |        |        |     | N/A | N/A | N/A |
| GYR LRD MIC STUB XXX 60CM W/OSTK BC   |     |        |     |        |        |        |     |     |     |     |
| GYR LRD MIC STUB XXX 60CM W/OSTK PFC  |     |        |     |        |        |        |     |     |     |     |
| GYR LRD STIC STUB XXX 90CM W/OSTK BC  |     |        |     |        |        |        |     | N/A | N/A | N/A |
| GYR LRD STIC STUB XXX 90CM W/OSTK PFC |     |        |     |        |        |        |     | N/A | N/A | N/A |
| GYR LRD MIC STUB XXX 90CM W/OSTK BC   |     |        |     |        |        |        |     |     |     |     |
| GYR LRD MIC STUB XXX 90CM W/OSTK PFC  |     | 024700 |     | 025950 | 026660 | 027200 |     |     |     |     |

Missing catalog numbers available upon request.

Background color defines the code color of the respective swivel. All assembly stands include 4\*6.5 mm black SPE micro-tube.

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



## GYRONET™ MR & MRD

### MIDDLE RANGE & MIDDLE RANGE WITH DEFLECTOR

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#### APPLICATIONS

Irrigation of tree plantations with mid-size root volumes.

#### BENEFITS AND FEATURES

##### Ensures higher crop uniformity

- Unique design of the sprinkler's rotor water channel.

##### Reduces maintenance and repair costs

- The GyroNet™ has an anti-ant mechanism preventing insect penetration into the area of the micro-sprinkler nozzle.

##### Higher reliability & longevity

- Long-term reliable service, simple, modular parts, clog resistant design.
- Specialty raw material makes it resistant to all agrochemicals & weather conditions.

##### Suitable for diverse applications

- Specifically designed for fruit trees, orchards, deciduous and other tree crops requiring efficient water distribution.
- Can be used for Frost Mitigation and/or cooling irrigation systems.

#### SPECIFICATIONS

- MR means a revolving rotor irrigating a middle area.
- MRD stream deflector concentrates all the water in the area surrounding the young tree during the initial growing period. When the tree grows, the stream deflector can be broken off, thus enabling extended irrigation diameter.
- Micro-sprinkler, 4 different flow rates: 27, 40, 58, 70 l/h. Flow rates within pressure range. Nominal flow rates at 1.7 bar pressure.
- Maximum recommended working pressure: 2.5 bar
- Recommended filtration: 200 micron / 80 mesh. Filtration method to 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™ expert team's instructions.
- There are 3 types of inlet connectors:
  - Self-tapping
  - Press fit
  - 3/8" male threaded
- 2 types of upper bearing:
  - Standard - for normal water
  - Everspin™ - for harsh conditions
- The rotor is colored Brown for all different flows.
- GyroNet™ micro-sprinklers meet ISO 8026 standards (SI 1406) with production certified by the Israel Standards Institute (SII).

## GYRONET™ MR & MRD TECHNICAL DATA

| MODEL | NOZZLE CODE COLOR | NOZZLE SIZE<br>(MM) | CONSTANT<br>K | EXPONENT<br>X | MAXIMUM WORKING PRESSURE<br>(BAR) | WETTED DIAMETER (M)    |                        | SWIVEL (ROTOR) CODE COLOR |
|-------|-------------------|---------------------|---------------|---------------|-----------------------------------|------------------------|------------------------|---------------------------|
|       |                   |                     |               |               |                                   | MRD 25 CM ABOVE GROUND | MRD 25 CM ABOVE GROUND |                           |
| 027   | Brown             | 0.75                | 6.7           | 0.5           | 2.5                               | 4.5                    | 2.0                    | Brown                     |
| 040   | Blue              | 0.90                | 9.4           | 0.5           | 2.5                               | 5.5                    | 2.5                    | Brown                     |
| 058   | Gray              | 1.10                | 13.5          | 0.5           | 2.5                               | 6.5                    | 2.5                    | Brown                     |
| 070   | Black             | 1.20                | 17.4          | 0.5           | 2.5                               | 6.5                    | 2.5                    | Brown                     |

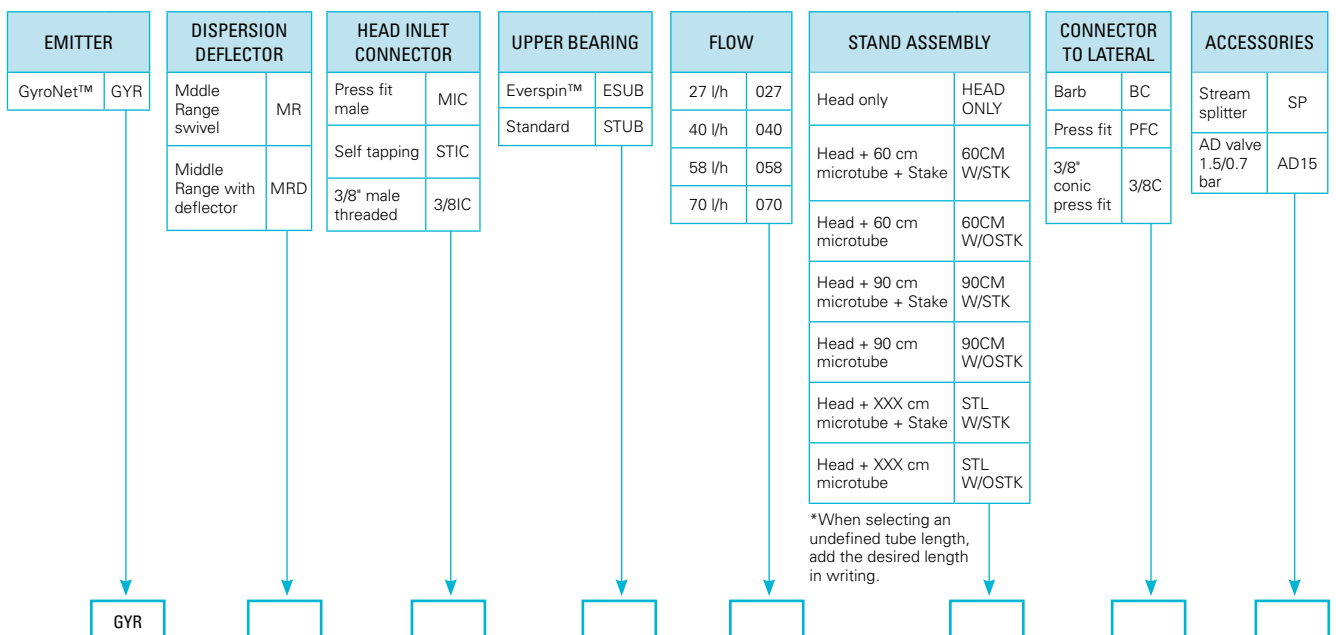
## PACKAGING DATA

| GYRONET™ MR & MRD                | QUANTITY 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                        | 1000                 | 28 x 28 x 57            | 12.5            | 32             | 32000                | 412                |
| Complete stand (60 cm) w/stake   | 100                  | 18 x 34 x 79            | 6.3             | 20             | 2000                 | 137                |
| Complete stand (60 cm) w/o stake | 250                  | 18 x 34 x 79            | 7.1             | 20             | 5000                 | 153                |
| Complete stand (90 cm) w/stake   | 150                  | 28 x 27 x 113           | 7.6             | 18             | 2700                 | 147                |
| Complete stand (90 cm) w/o stake | 200                  | 28 x 27 x 113           | 8.1             | 18             | 3600                 | 155                |

## GYRONET™ MIDDLE RANGE & MIDDLE RANGE WITH DEFLECTOR

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.







## GYRONET™ SR & SRD

### SHORT RANGE & SHORT RANGE WITH DEFLECTOR

#### APPLICATIONS

Irrigation of tree plantations, and orchards where ground is shaded by the foliage, leaving dry strips between the rows.

#### SPECIFICATIONS

- SR means a revolving rotor irrigating a medium sized area.
- SRD stream deflector concentrates all the water in the area surrounding the young tree during the initial growing period. When the tree grows, the stream deflector can be broken off, thus enabling extended irrigation diameter.
- Micro-sprinkler, 10 different flow rates: 27, 40, 58, 70, 90, 120, 150, 200, 250, 300 l/h. Nominal flow rates at 1.7 bar pressure.
- Maximum recommended working pressure: 2.5 bar.
- Recommended filtration: 200 micron / 80 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, pre treatment will be applied according to Netafim™ expert team's instructions.
- 3 types of inlet connectors:
  - Self tapping
  - Press fit
  - 3/8" male threaded
- 4 types of upper bearing:
  - Standard - for normal water
  - Everspin™ - for harsh condition
  - With spring - for upside down application
  - Spring Everspin™ for upside down application under harsh condition
- The rotor is colored Blue.

#### FEATURES AND BENEFITS

- Anti-ant mechanism prevents insect penetration into the area of the micro-sprinklers nozzle.
- Micro-sprinkler made of plastic materials resistant to all agrochemicals & weather conditions.
- Specially designed for fruit trees, orchards, deciduous and other tree crops.
- Can be used in Frost mitigation and/or Cooling irrigation systems.
- Long-term reliable service, simple, modular parts.

## GYRONET™ TECHNICAL DATA

| MODEL | NOZZLE CODE COLOR | NOZZLE SIZE<br><br>(MM) | CONSTANT<br><br>K | EXPONENT<br><br>X | MAXIMUM WORKING PRESSURE<br><br>(BAR) | WETTED DIAMETER (M)   |                        | SWIVEL (ROTOR) CODE COLOR |
|-------|-------------------|-------------------------|-------------------|-------------------|---------------------------------------|-----------------------|------------------------|---------------------------|
|       |                   |                         |                   |                   |                                       | SR 20 CM ABOVE GROUND | SRD 20 CM ABOVE GROUND |                           |
| 027   | Brown             | 0.75                    | 6.7               | 0.5               | 2.5                                   | 3.5                   | 1.3                    | Blue                      |
| 040   | Blue              | 0.90                    | 9.4               | 0.5               | 2.5                                   | 4.5                   | 1.3                    | Blue                      |
| 058   | Gray              | 1.10                    | 13.5              | 0.5               | 2.5                                   | 5.0                   | 1.3                    | Blue                      |
| 070   | Black             | 1.20                    | 17.4              | 0.5               | 2.5                                   | 5.5                   | 1.3                    | Blue                      |
| 090   | Orange            | 1.40                    | 22.4              | 0.5               | 2.5                                   | 6.0                   | 1.3                    | Blue                      |
| 120   | Red               | 1.57                    | 28.8              | 0.5               | 2.5                                   | 6.5                   | 1.3                    | Blue                      |
| 150   | Sky Blue          | 1.77                    | 37.5              | 0.5               | 2.5                                   | 7.0                   | 2.5                    | Blue                      |
| 200   | Yellow            | 2.04                    | 49.1              | 0.5               | 2.5                                   | 8.5                   | 2.5                    | Blue                      |
| 250   | Purple            | 2.28                    | 61.9              | 0.5               | 2.5                                   | 8.5                   | 3.5                    | Blue                      |
| 300   | Green             | 2.48                    | 73.2              | 0.5               | 2.5                                   | 8.5                   | 3.5                    | Blue                      |

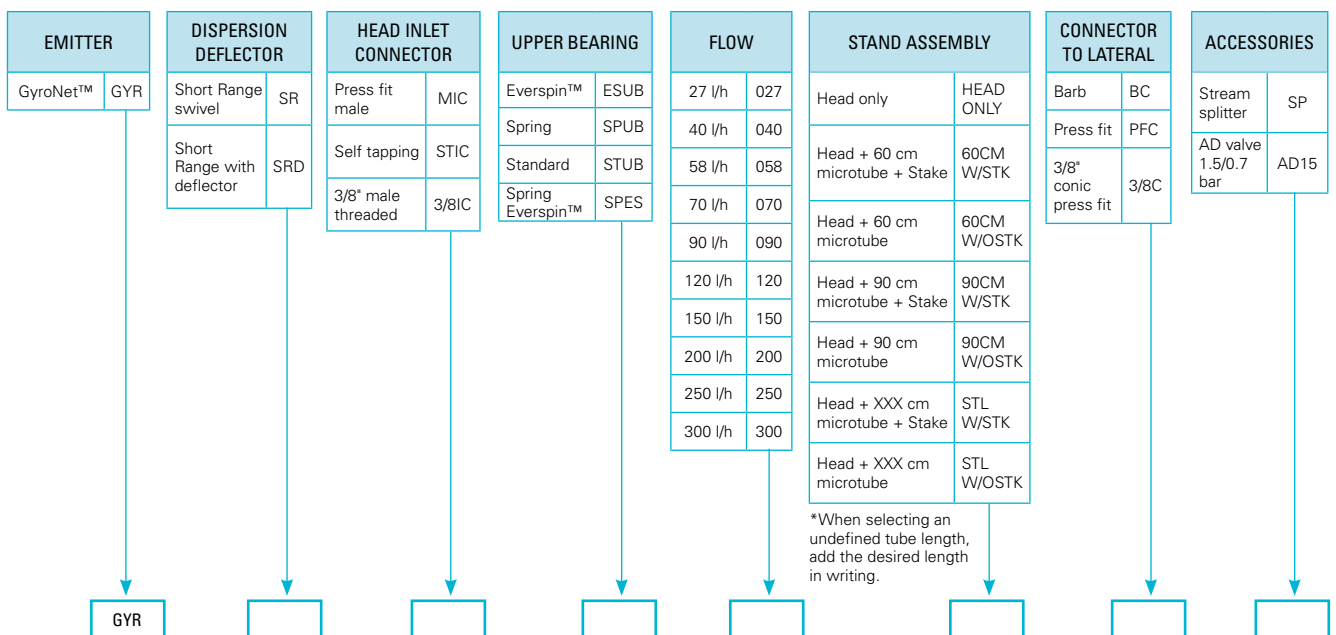
## PACKAGING DATA

| GYRONET™ SR & SRD                | QUANTITY 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                        | 1000                 | 28 x 28 x 57            | 12.5            | 32             | 32000                | 412                |
| Complete stand (60 cm) w/stake   | 100                  | 18 x 34 x 79            | 6.3             | 20             | 2000                 | 137                |
| Complete stand (60 cm) w/o stake | 250                  | 18 x 34 x 79            | 7.1             | 20             | 5000                 | 153                |
| Complete stand (90 cm) w/stake   | 150                  | 28 x 27 x 113           | 7.6             | 18             | 2700                 | 147                |
| Complete stand (90 cm) w/o stake | 200                  | 28 x 27 x 113           | 8.1             | 18             | 3600                 | 155                |

## GYRONET™ SHORT RANGE & SHORT RANGE WITH DEFLECTOR

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.



## GYRONET™ SR

head only with Standard upper bearing  
Catalog number : **64000** - (any of below 6 digits)

| MODEL | STIC   | MIC    | 3/8IC  |
|-------|--------|--------|--------|
| 027   | 008630 | 027925 | N/A    |
| 040   | 008650 | 027950 | N/A    |
| 058   | 009910 | 029210 | N/A    |
| 070   | 009950 | 029250 | 076500 |
| 090   | 011205 | 030505 |        |
| 120   | 011250 | 030550 |        |
| 150   |        |        | 077005 |
| 200   | N/A    | 071490 |        |
| 250   | N/A    |        |        |
| 300   | N/A    | 031110 |        |



GyroNet™ SR STIC, self tapping inlet connector

GyroNet™ SR MIC, press fit, male inlet connector

## GYRONET™ SR

head only with Everspin™ upper bearing  
Catalog number : **64000** - (any of below 6 digits)

| Model | STIC   | MIC    | 3/8IC  |
|-------|--------|--------|--------|
| 027   | 008632 | 029214 | N/A    |
| 040   | 008652 |        | N/A    |
| 058   | 009912 | 029215 | N/A    |
| 070   | 009952 | 029255 | 076520 |
| 090   | 011207 | 030507 | 076720 |
| 120   | 011270 |        |        |
| 150   |        | 030515 |        |
| 200   | N/A    |        |        |
| 250   | N/A    |        |        |
| 300   | N/A    |        |        |

## GYRONET™ SR

head only with Spring upper bearing  
Catalog number : **64000** - (any of below 6 digits)

| MODEL | STIC   | MIC    | 3/8IC |
|-------|--------|--------|-------|
| 027   |        | 027930 | N/A   |
| 040   | 008660 | 027960 | N/A   |
| 058   |        | 029211 | N/A   |
| 070   |        | 029260 |       |
| 090   |        | 030506 |       |
| 120   | 011260 | 030560 |       |
| 150   |        |        |       |
| 200   | N/A    |        |       |
| 250   | N/A    | 038510 |       |
| 300   | N/A    |        |       |

## GYRONET™ SR assembly stands

Catalog number : **64000** - (any of below 6 digits)

| MODEL                               | 027    | 040    | 058 | 070    | 090 | 120    | 150 | 200 | 250 | 300 |
|-------------------------------------|--------|--------|-----|--------|-----|--------|-----|-----|-----|-----|
| GYR SR STIC STUB XXX 60CM W/STK BC  |        | 009050 |     | 010350 |     |        |     | N/A | N/A | N/A |
| GYR SR STIC STUB XXX 60CM W/STK PFC | 008635 |        |     | 010250 |     | 011550 |     | N/A | N/A | N/A |
| GYR SR MIC STUB XXX 60CM W/STK BC   |        | 028350 |     | 029650 |     | 030950 |     |     |     |     |
| GYR SR MIC STUB XXX 60CM W/STK PFC  |        |        |     | 029550 |     |        |     |     |     |     |
| GYR SR STIC STUB XXX 90CM W/STK BC  |        |        |     |        |     | 012050 |     | N/A | N/A | N/A |
| GYR SR STIC STUB XXX 90CM W/STK PFC |        |        |     |        |     |        |     | N/A | N/A | N/A |
| GYR SR MIC STUB XXX 90CM W/STK BC   |        | 028750 |     |        |     |        |     |     |     |     |
| GYR SR MIC STUB XXX 90CM W/STK PFC  |        |        |     | 029950 |     |        |     |     |     |     |

Catalog number : **64000** - (any of below 6 digits)

| MODEL                                | 027 | 040    | 058    | 070    | 090 | 120 | 150 | 200 | 250 | 300 |
|--------------------------------------|-----|--------|--------|--------|-----|-----|-----|-----|-----|-----|
| GYR SR STIC STUB XXX 60CM W/OSTK BC  |     | 008850 | 009920 |        |     |     |     | N/A | N/A | N/A |
| GYR SR STIC STUB XXX 60CM W/OSTK PFC |     |        |        |        |     |     |     | N/A | N/A | N/A |
| GYR SR MIC STUB XXX 60CM W/OSTK BC   |     | 028360 |        |        |     |     |     |     |     |     |
| GYR SR MIC STUB XXX 60CM W/OSTK PFC  |     |        |        | 029350 |     |     |     |     |     |     |
| GYR SR STIC STUB XXX 90CM W/OSTK BC  |     |        |        |        |     |     |     | N/A | N/A | N/A |
| GYR SR STIC STUB XXX 90CM W/OSTK PFC |     |        |        |        |     |     |     | N/A | N/A | N/A |
| GYR SR MIC STUB XXX 90CM W/OSTK BC   |     |        |        |        |     |     |     |     |     |     |
| GYR SR MIC STUB XXX 90CM W/OSTK PFC  |     |        |        |        |     |     |     |     |     |     |

Missing catalog numbers available upon request.

Background color defines the code color of the respective swivel. All assembly stands include 4\*6.5 mm black SPE micro-tube.

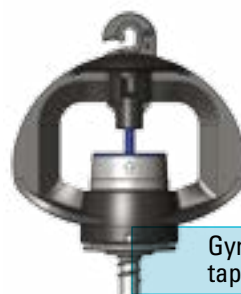
Other stand combinations can be ordered based on the attached flowchart which can help determine the desired product requirement.

## GYRONET™ SRD

Head only with Standard upper bearing

Catalog number : **64000** - (any of below 6 digits)

| MODEL | STIC   | MIC    | 3/8IC  |
|-------|--------|--------|--------|
| 027   | 012530 | 031825 | N/A    |
| 040   | 012550 | 031850 | N/A    |
| 058   | 013810 | 033110 | N/A    |
| 070   | 013850 | 033150 | 077405 |
| 090   | 015105 | 034405 | 077600 |
| 120   | 015150 | 034450 |        |
| 150   | 016500 | 035700 |        |
| 200   | N/A    | 037500 | 078200 |
| 250   | N/A    | 038500 | 078210 |
| 300   | N/A    | 039500 | 078215 |



GyroNet™ SRD STIC, self tapping inlet connector



GyroNet™ SRD MIC, press fit, male inlet connector



GyroNet™ SRD 3/8" male threaded inlet connector

## GYRONET™ SRD

head only with Everspin™ upper bearing

Catalog number : **64000** - (any of below 6 digits)

| Model | STIC   | MIC    | 3/8IC  |
|-------|--------|--------|--------|
| 027   | 012532 | 031826 | N/A    |
| 040   | 012555 | 031860 | N/A    |
| 058   | 013812 | 033111 | N/A    |
| 070   |        | 033160 |        |
| 090   |        | 034406 |        |
| 120   | 015160 | 034460 | 077820 |
| 150   |        |        | 078020 |
| 200   | N/A    |        | 078220 |
| 250   | N/A    |        |        |
| 300   | N/A    |        |        |

## GYRONET™ SRD assembly stands

Catalog number : **64000** - (any of below 6 digits)

| MODEL                                | 027    | 040    | 058    | 070    | 090    | 120    | 150 | 200    | 250 | 300 |
|--------------------------------------|--------|--------|--------|--------|--------|--------|-----|--------|-----|-----|
| GYR SRD STIC STUB XXX 60CM W/STK BC  |        |        |        | 014250 |        |        |     |        |     |     |
| GYR SRD STIC STUB XXX 60CM W/STK PFC |        |        |        | 014150 |        |        |     |        |     |     |
| GYR SRD MIC STUB XXX 60CM W/STK BC   | 031840 | 032250 | 033140 | 033550 | 034420 | 034850 |     | 039510 |     |     |
| GYR SRD MIC STUB XXX 60CM W/STK PFC  |        |        |        |        |        |        |     |        |     |     |
| GYR SRD STIC STUB XXX 90CM W/STK BC  |        |        | 013845 |        |        | 015950 |     |        |     |     |
| GYR SRD STIC STUB XXX 90CM W/STK PFC |        |        |        |        |        |        |     |        |     |     |
| GYR SRD MIC STUB XXX 90CM W/STK BC   |        | 032650 |        | 033950 |        |        |     |        |     |     |
| GYR SRD MIC STUB XXX 90CM W/STK PFC  |        | 032550 |        | 033850 | 034415 | 035150 |     |        |     |     |

Catalog number : **64000** - (any of below 6 digits)

| MODEL                                | 027    | 040    | 058 | 070    | 090 | 120    | 150 | 200    | 250 | 300 |
|--------------------------------------|--------|--------|-----|--------|-----|--------|-----|--------|-----|-----|
| GYR SR STIC STUB XXX 60CM W/OSTK BC  |        |        |     |        |     |        |     |        |     |     |
| GYR SR STIC STUB XXX 60CM W/OSTK PFC |        |        |     |        |     |        |     |        |     |     |
| GYR SR MIC STUB XXX 60CM W/OSTK BC   |        |        |     | 033560 |     |        |     | 039520 |     |     |
| GYR SR MIC STUB XXX 60CM W/OSTK PFC  |        |        |     |        |     |        |     |        |     |     |
| GYR SR STIC STUB XXX 90CM W/OSTK BC  | 012540 |        |     | 014450 |     |        |     |        |     |     |
| GYR SR STIC STUB XXX 90CM W/OSTK PFC |        |        |     | 014350 |     |        |     |        |     |     |
| GYR SR MIC STUB XXX 90CM W/OSTK BC   |        |        |     |        |     |        |     |        |     |     |
| GYR SR MIC STUB XXX 90CM W/OSTK PFC  |        | 032350 |     |        |     | 034950 |     |        |     |     |

Missing catalog numbers available upon request.

Background color defines the code color of the respective swivel. All assembly stands include 4\*6.5 mm black SPE micro-tube.

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



## GYRONET™ UD

### UPSIDE DOWN

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#### APPLICATIONS

For application where sprinklers are mounted inverted to keep the ground clear and prevent damage to the sprinklers by harvesters and machinery.

#### SPECIFICATIONS

- Special designed upside down rotor.
- Micro-sprinkler, 3 different flow rates: 40, 58, 70 l/h.  
Nominal flow rates at 1.7 bar pressure.
- Maximum recommended working pressure: 2.5 bar.
- Recommended filtration: 200 micron / 80 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, pre treatment will be applied according to Netafim™ expert team's instructions.
- 2 types of inlet connectors:  
Self tapping  
Press fit
- Upper bearing:  
A specially designed spring bearing keeps the anti-ant feature even when the sprinkler is mounted in an up side down position.  
Spring upper bearing with Everspin™ feature to improve wear resistance under harsh condition.
- The rotor is colored Green.

#### FEATURES AND BENEFITS

- Anti-ant mechanism prevents insect penetration into the area of the micro-sprinklers nozzle.
- Micro-sprinkler made of plastic materials resistant to all agrochemicals & weather conditions.
- Specially designed for fruit trees, orchards, deciduous and other tree crops.
- Can be used in Frost mitigation and/or Cooling irrigation systems.
- Long-term reliable service, simple, modular parts.



## GYRONET™ TECHNICAL DATA

| MODEL | NOZZLE CODE COLOR | NOZZLE SIZE (MM) | CONSTANT K | EXPONENT X | MAXIMUM WORKING PRESSURE (BAR) | WETTED DIAMETER (M) UD 50 CM ABOVE GROUND | SWIVEL (ROTOR) CODE COLOR |
|-------|-------------------|------------------|------------|------------|--------------------------------|---|---------------------------|
| 040   | Blue              | 0.90             | 9.4        | 0.5        | 2.5                            | 5.5                                       | Green                     |
| 058   | Gray              | 1.10             | 13.5       | 0.5        | 2.5                            | 7.0                                       | Green                     |
| 070   | Black             | 1.20             | 17.4       | 0.5        | 2.5                            | 7.0                                       | Green                     |

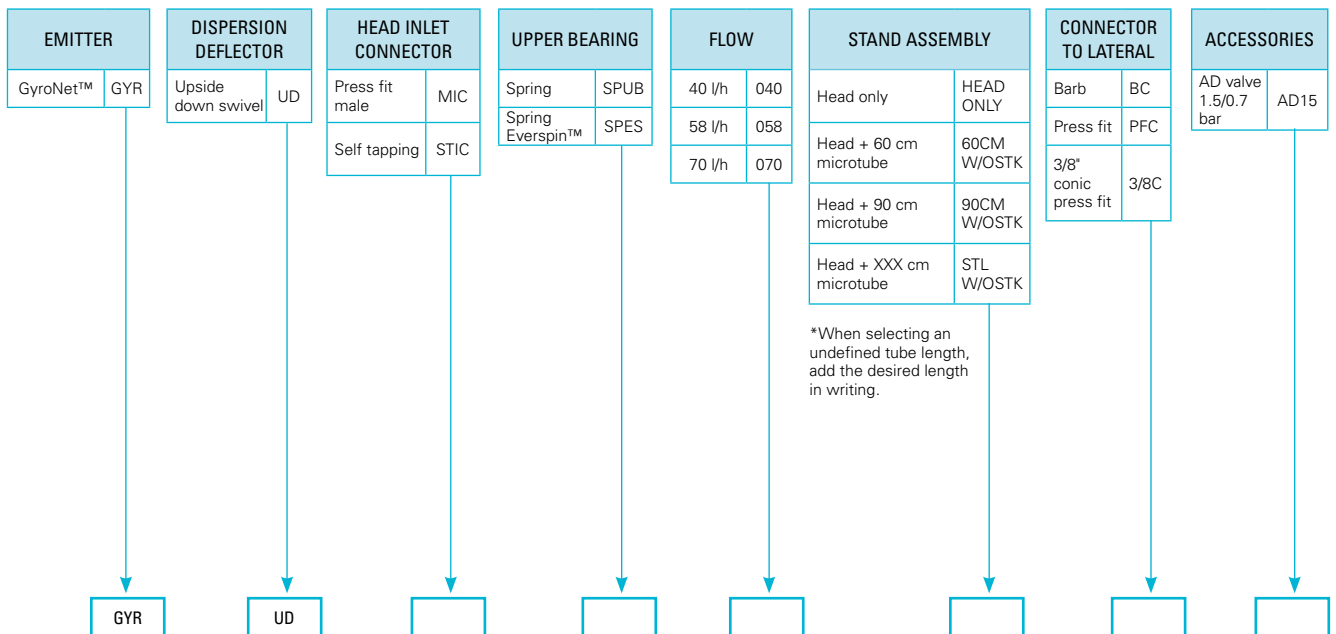
## PACKAGING DATA

| GYRONET™ UD                                       | QUANTITY 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   | 1000                 | 28 x 28 x 57            | 12.5            | 32             | 32000                | 412                |
| Complete stand, 30 cm tube length with stabilizer | 150                  | 28 x 28 x 57            | 10.1            | 32             | 4800                 | 323                |
| Complete stand, 60 cm tube length with stabilizer | 150                  | 18 x 34 x 79            | 10.5            | 20             | 3000                 | 210                |
| Complete stand, 90 cm tube length with stabilizer | 150                  | 28 x 27 x 113           | 11.4            | 16             | 2400                 | 183                |

## GYRONET™ UD

Flowchart to determine the desired product definition

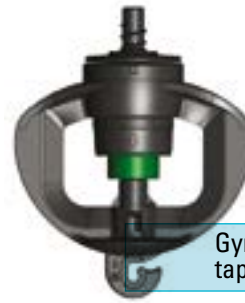
How to use: To determine the desired product definition select one of every set of options displayed on the chart.



### GYRONET™ UD

head only with Standard upper bearing  
 Catalog number : **64000** - (any of below 6 digits)

| MODEL | STIC   | MIC    |
|-------|--------|--------|
| 040   | 098990 | 090990 |
| 058   | 099990 | 091990 |
| 070   | 100990 | 092990 |



GyroNet™ UD STIC, self tapping inlet connector

### GYRONET™ UD

head only with Spring upper bearing  
 Catalog number : **64000** - (any of below 6 digits)

| MODEL | STIC   | MIC    |
|-------|--------|--------|
| 040   | 099000 | 091000 |
| 058   | 100000 | 092000 |
| 070   | 101000 | 093000 |
| 090   | 102000 | 009400 |



GyroNet™ UD MIC, press fit, male inlet connector

### GYRONET™ UD assembly stands

Catalog number : **64000** - (any of below 6 digits)

| MODEL                               | 040    | 058    | 070 |
|-------------------------------------|--------|--------|-----|
| GYR UD STIC STUB XXX 30CM W/STB PFC |        |        |     |
| GYR UD STIC STUB XXX 60CM W/STB PFC | 099200 |        |     |
| GYR UD MIC STUB XXX 30CM W/STB PFC  | 091200 | 092200 |     |
| GYR UD MIC STUB XXX 60CM W/STB PFC  |        |        |     |

Missing catalog numbers available upon request.  
 Background color defines the code color of the respective swivel. All assembly stands include 4\*6.5 mm black SPE micro-tube.  
 Other stand combinations can be ordered based on the attached flowchart which can help determine the desired product requirement.







## GYRONET™ JET

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### APPLICATIONS

Designed for harsh water containing large amounts of sand thus causing excessive wear of standard rotating swivel.

### SPECIFICATIONS

- A static emitter.
- Micro-emitter, 5 different flow rates: 40, 58, 70, 90, 120 l/h.  
Nominal flow rates at 1.7 bar pressure.
- Maximum recommended working pressure: 2.5 bar.
- Recommended filtration: 200 micron / 80 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, pre treatment will be applied according to Netafim™ expert team's instructions.
- 2 types of inlet connectors:  
Self tapping  
Press fit
- Upper bearing:  
Special type of upper bearing (square hole) holds the rotor from spinning
- 5 types of static deflectors:  
360 degrees (12 jets)  
300 degrees (10 Jets)  
2x90 (butterfly) (8 jets)  
180 degrees (6 jets)  
90 degrees (4 jets)
- All deflectors are colored Orange.

### FEATURES AND BENEFITS

- Anti-ant mechanism prevents insect penetration into the area of the micro-emitters nozzle.
- Static-emitter made of plastic materials resistant to all agrochemicals & weather conditions.
- Specially designed for fruit trees, orchards, deciduous and other tree crops.
- Long-term reliable service, simple, modular parts.

## GYRONET™ TECHNICAL DATA

| MODEL | NOZZLE CODE COLOR | NOZZLE SIZE (MM) | CONSTANT K | EXPONENT X | MAXIMUM WORKING PRESSURE (BAR) | WETTED RADIUS (M) 20 CM ABOVE GROUND |                     |                    |                    |                   | DEFLECTOR CODE COLOR |
|-------|-------------------|------------------|------------|------------|--------------------------------|--------------------------------------|---------------------|--------------------|--------------------|-------------------|----------------------|
|       |                   |                  |            |            |                                | 360 DEGREES 12 JETS                  | 300 DEGREES 10 JETS | BUTTERFLY 2*4 JETS | 180 DEGREES 6 JETS | 90 DEGREES 4 JETS |                      |
| 040   | Blue              | 0.90             | 9.4        | 0.5        | 2.5                            | 2.3                                  | 2.9                 | 2.6                | 3.1                | 2.4               | Orange               |
| 058   | Gray              | 1.10             | 13.5       | 0.5        | 2.5                            | 2.6                                  | 3.0                 | 2.9                | 3.4                | 3.4               | Orange               |
| 070   | Black             | 1.20             | 17.4       | 0.5        | 2.5                            | 2.8                                  | 3.4                 | 3.0                | 3.4                | 3.7               | Orange               |
| 090   | Orange            | 1.40             | 22.4       | 0.5        | 2.5                            | 3.2                                  | 3.6                 | 3.2                | 4.0                | 3.0               | Orange               |
| 120   | Red               | 1.57             | 28.8       | 0.5        | 2.5                            | 3.7                                  | 4.1                 | 3.7                | 4.0                | 3.8               | Orange               |

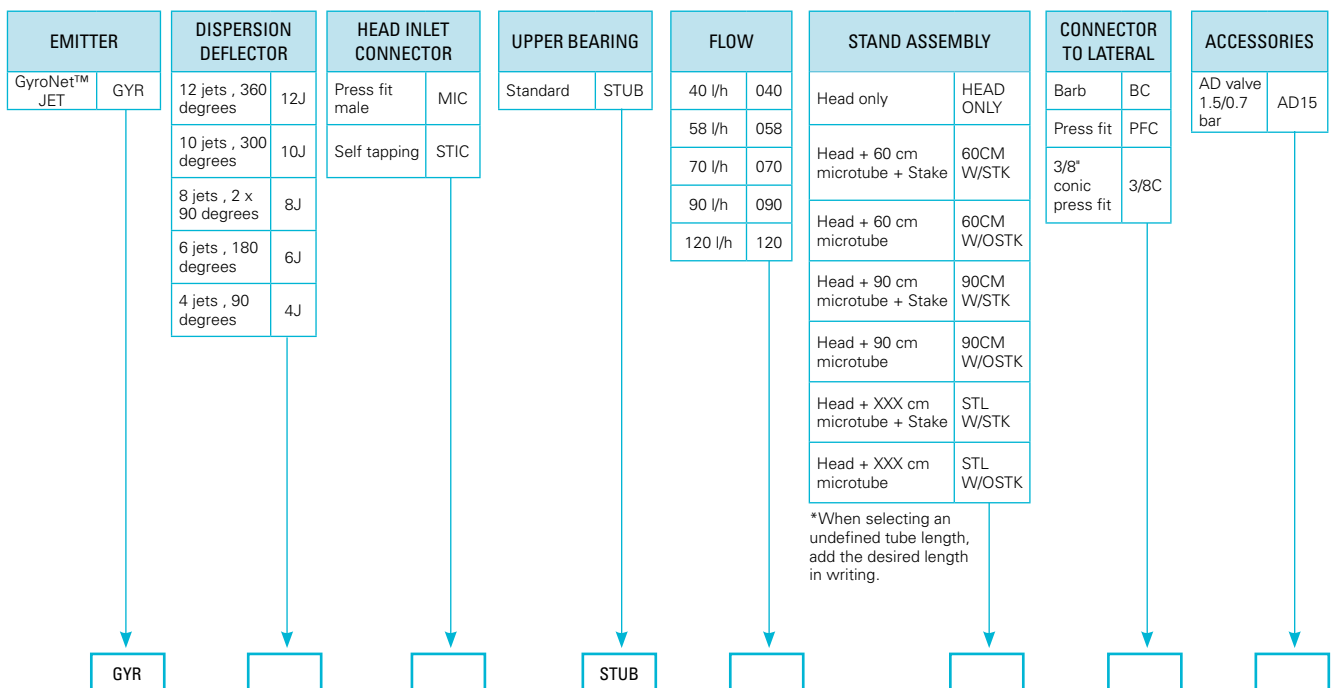
## PACKAGING DATA

| GYRONET™ JET                     | QUANTITY 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                        | 1000                 | 28 x 28 x 57            | 12.5            | 32             | 32000                | 412                |
| Complete stand (60 cm) w/stake   | 100                  | 18 x 34 x 79            | 6.3             | 20             | 2000                 | 137                |
| Complete stand (60 cm) w/o stake | 250                  | 18 x 34 x 79            | 7.1             | 20             | 5000                 | 153                |
| Complete stand (90 cm) w/stake   | 150                  | 28 x 27 x 113           | 7.6             | 18             | 2700                 | 147                |
| Complete stand (90 cm) w/o stake | 200                  | 28 x 27 x 113           | 8.1             | 18             | 3600                 | 155                |

## GYRONET™ JET

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.





### GYRONET™ JET

12 jets, head only

Catalog number : **64000** - (any of below 6 digits)

| MODEL | STIC   | MIC    |
|-------|--------|--------|
| 040   | 001015 | 020310 |
| 058   |        | 021562 |
| 070   | 002310 | 021610 |
| 090   | 018000 | 022856 |
| 120   |        |        |



GyroNet™ Jet MIC, press fit, male inlet connector

### GYRONET™ JET

10 jets, head only

Catalog number : **64000** - (any of below 6 digits)

| MODEL | STIC   | MIC    |
|-------|--------|--------|
| 040   | 016670 |        |
| 058   | 002266 | 021563 |
| 070   |        |        |
| 090   |        |        |
| 120   |        |        |



GyroNet™ Jet STIC, self tapping inlet connector

### GYRONET™ JET

8 jets, head only

Catalog number : **64000** - (any of below 6 digits)

| MODEL | STIC   | MIC    |
|-------|--------|--------|
| 040   | 016700 | 020320 |
| 058   |        |        |
| 070   |        |        |
| 090   | 018005 |        |
| 120   |        |        |

### GYRONET™ JET

6 jets, head only

Catalog number : **64000** - (any of below 6 digits)

| MODEL | STIC | MIC    |
|-------|------|--------|
| 040   |      | 020325 |
| 058   |      | 021565 |
| 070   |      | 021625 |
| 090   |      | 022859 |
| 120   |      | 022920 |

### GYRONET™ JET

4 jets, head only

Catalog number : **64000** - (any of below 6 digits)

| MODEL | STIC | MIC    |
|-------|------|--------|
| 040   |      | 020330 |
| 058   |      |        |
| 070   |      | 021630 |
| 090   |      | 021635 |
| 120   |      |        |

### GYRONET™ JET assembly stands

Catalog number : **64000** - (any of below 6 digits)




















| MODEL   | 040    | 058 | 070 | 090    | 120 |
|---|--------|-----|-----|--------|-----|
| GYR JET 12 JET MIC STUB XXX 60CM W/STK BC       | 020311 |     |     |        |     |
| GYR JET 10 JET MIC STUB XXX 60CM W/STK BC       |        |     |     | 022870 |     |
| GYR JET 8 JET (2*90) MIC STUB XXX 60CM W/STK BC |        |     |     |        |     |
| GYR JET 6 JET MIC STUB XXX 60CM W/STK BC        | 020326 |     |     |        |     |
| GYR JET 4 JET MIC STUB XXX 60CM W/STK BC        | 020332 |     |     |        |     |

Missing catalog numbers available upon request.

Background color defines the code color of the respective deflector. All assembly stands include 4\*6.5 mm black SPE micro-tube.

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

## GYRONET™ COMPONENTS

|   |  |   |  |  |   |  |   |
|---|--|---|--|--|---|--|---|
| <b>STANDARD UPPER BEARING CIRCULAR HOLE - TO BE USED ON ALL GYRONET™ MICRO- SPRINKLERS</b><br><br>1 unit<br>63520-005450<br>100 units/bag<br>63520 -005470      |   | <b>STANDARD UPPER BEARING SQUARE HOLE - TO BE USED ON ALL GYRONET™ MICRO-JETS (GRAY)</b><br><br>1 unit<br>63520-005400<br>100 units/bag<br>63520-005420       |   | <b>EVERSPIN™ UPPER BEARING CIRCULAR HOLE - TO BE USED ON ALL GYRONET™ MICRO- SPRINKLERS IN HARSH WATER CONDITIONS</b><br><br>1 unit<br>63520-011400<br>100 units/bag<br>63520-011425   |    | <b>SPRING UPPER BEARING CIRCULAR HOLE - TO BE USED ON UD GYRONET™ MICRO- SPRINKLERS</b><br><br>1 unit<br>63520-011500<br>100 units/bag<br>63520-011530 |  |
| <b>FRAME</b><br><br>1 unit<br>63520-005500<br>10 units/bag<br>63520-005525<br>100 units/bag<br>63520-005510   |   | <b>STREAM SPLITTER</b><br><br>1 unit<br>63520-005800<br>10 units/bag<br>100 units/bag<br>63520-005830   |    | <b>SPRING EVERSPIN™ UPPER BEARING - TO BE USED ON UD GYRONET™ MICRO- SPRINKLERS IN HARSH WATER CONDITIONS</b><br><br>1 unit<br>63520-011300<br>100 units/bag   |    |  |   |
| <b>LR SWIVEL (PURPLE) TO BE USED WITH 27, 40 L/H</b><br><br>1 unit<br>63520-005100<br>10 units/bag<br>63520-005102<br>100 units/bag<br>63520-005115             |   | <b>LR SWIVEL (BLACK) TO BE USED WITH 58, 70, 90, 120 L/H</b><br><br>1 unit<br>63520-005000<br>10 units/bag<br>63520-005005<br>100 units/bag<br>63520-005010   |    | <b>SR SWIVEL (BLUE) TO BE USED WITH ALL FLOWS</b><br><br>1 unit<br>63520-005200<br>10 units/bag<br>63520-005205<br>100 units/bag<br>63520-005220   |    |  |   |
| <b>LRD SWIVEL (PURPLE) TO BE USED WITH 27, 40 L/H</b><br><br>1 unit<br>63520-005160<br>10 units/bag<br>63520-005165<br>100 units/bag<br>63520-005170            |   | <b>LRD SWIVEL (BLACK) TO BE USED WITH 58, 70, 90, 120 L/H</b><br><br>1 unit<br>63520-005150<br>10 units/bag<br>100 units/bag<br>63520-005155                  |    | <b>SRD SWIVEL (BLUE) TO BE USED WITH ALL FLOWS</b><br><br>1 unit<br>63520-005300<br>10 units/bag<br>100 units/bag<br>63520-005310  |  |  |   |
| <b>UD SWIVEL (GREEN) W/SLEEVE TO BE USED WITH 40, 58, 70 L/H</b><br><br>1 unit<br>63520-005180<br>10 units/bag<br>63520-005185<br>100 units/bag<br>63520-005188 |   | <b>LR SWIVEL (GRAY) TO BE USED WITH 150, 200, 250, 300 L/H</b><br><br>1 unit<br>63520-005120<br>10 units/bag<br>63520-005122<br>100 units/bag<br>63520-005125 |    | <b>STATIC DEFLECTORS TO BE USED WITH 40, 58, 70, 90, 120 L/H</b><br><br>1 unit<br>100 units/bag  |  |  |   |
| <b>GYRONET™ BODY NOZZLES</b>  | <b>MALE (PRESS-FIT) INLET CONNECTOR</b><br><br> | <b>SELF-TAPPING INLET CONNECTOR</b><br><br>                                | <b>3/8" THREADED MALE INLET CONNECTOR</b><br><br> | 12 jets (360 degrees) 63520-005350 63520-005355<br>10 jets (300 degrees) 63520-005360 63520-005365<br>8 jets (2*90 degrees) 63520-005370 63520-005375<br>6 jets (180 degrees) 63520-005380 63520-005385<br>4 jets (90 degrees) 63520-005390 63520-005397 |   |  |   |
|   | 27 l/h, Brown  | 64020-000800  | 64020-000900   | N/A  |   |  |   |
|   | 40 l/h, Blue   | 64020-001000  | 64020-001100   | N/A  |   |  |   |
|   | 58 l/h, Gray   | 64020-001130  | 64020-001150   | N/A  |   |  |   |
|   | 70 l/h, Black  | 64020-001300  | 64020-001200   | 64020-001190   |   |  |   |
|   | 90 l/h, Orange   | 64020-001310  | 64020-001210   | 64020-001320   |   |  |   |
| 120 l/h, Red  | 64020-001500   | 64020-001400  | 64020-001560   |  |   |  |   |
| 150 l/h, Sky Blue   | 64020-001700   | 64020-001600  | 64020-001730   |  |   |  |   |
| 200 l/h, Yellow   | 64020-001750   | N/A   | 64020-001775   |  |   |  |   |
| 250 l/h, Purple   | 64020-001850   | N/A   | 64020-001776   |  |   |  |   |
| 300 l/h, Green  | 64020-001950   | N/A   | 64020-001777   |  |   |  |   |



## VIBRONET™ SD

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### APPLICATIONS

Orchards, deciduous and tree crops irrigation.

### SPECIFICATIONS

- Bridgeless micro emitter with vibrating action.
- Micro-emitter, 3 different flow rates: 30, 50, 70 l/h.
- Nominal flow rates at 1.5 bar pressure.
- Recommended working pressure: 1.0 - 2.0 bar.
- Recommended filtration: 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, pre treatment will be applied according to Netafim™ expert team's instructions.

- Inlet connector: press fit.

### FEATURES AND BENEFITS

- Excellent uniformity distribution as a single emitter.
- Operation of this emitter is based on vibration. Water passage through the nozzle causes needle vibration which in turn breaks up the water jet into uniform droplets that are evenly spread.
- Large drops suitable for open field conditions. No mist / wind-borne small drops.
- Relatively small wetting diameter, suits especially densely planted fruit tree crops.
- Constantly self-cleaning, the vibrating system does not allow for build up of mineral deposits in the nozzle.
- Micro-emitter made of plastic materials resistant to all agrochemicals & weather conditions.

## VIBRONET™ SD TECHNICAL DATA

| MODEL | FLOW RATE<br>(L/H)* | NOZZLE<br>CODE COLOR | PIN<br>CODE COLOR | NOZZLE WATER<br>PASSAGES AREA<br>(MM²) | NOZZLE SMALLER<br>WATER PASSAGES<br>(MM) | CONSTANT<br>K | EXPONENT<br>X | WETTED DIAMETER (M)<br>20 CM ABOVE GROUND* |
|-------|---------------------|----------------------|-------------------|--|--|---------------|---------------|--|
| 30    | 28.6                | Green + Sky Blue     | Light Gray        | 0.7                                    | 0.34                                     | 6.6           | 0.54          | 1.5  |
| 50    | 50.5                | Green + Light Gray   | Orange            | 1.9                                    | 0.68                                     | 11.7          | 0.54          | 1.7  |
| 70    | 72.9                | Black + Black        | Orange            | 3.0                                    | 0.99                                     | 16.9          | 0.54          | 2.0  |

\* at 1.5 bar working pressure

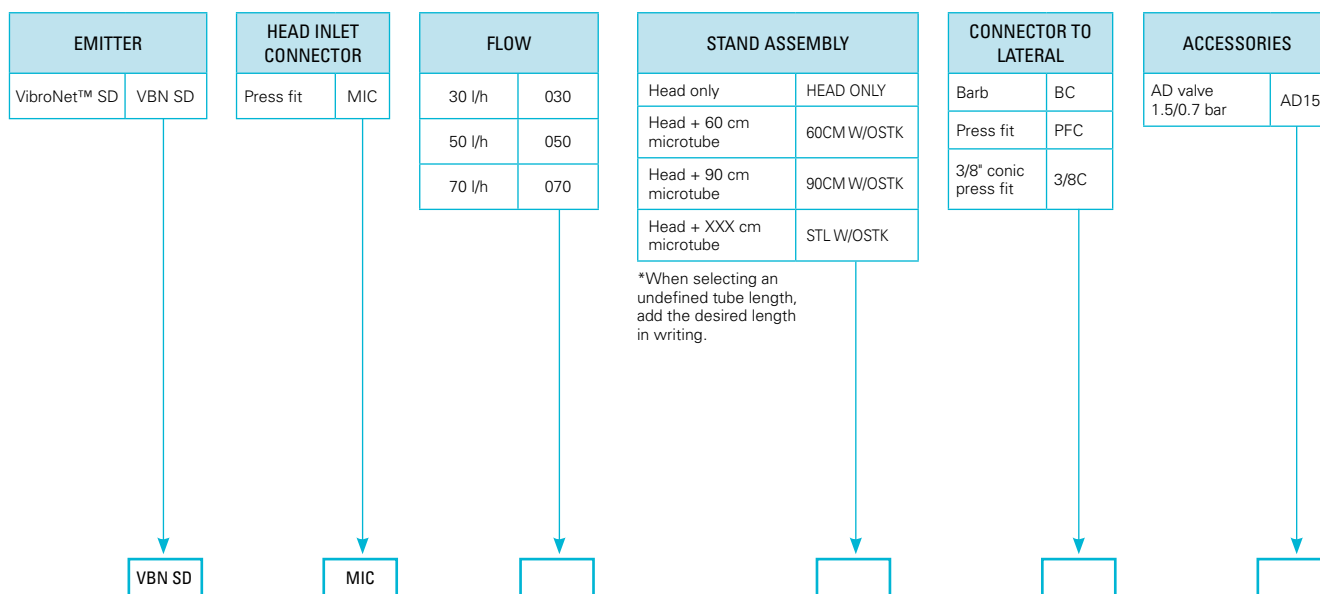
## PACKAGING DATA

| VIBRONET™ SD | QUANTITY P/BOX<br>UNITS | BOX SIZE<br>(CM X CM X CM) | BOX WEIGHT<br>(KG) | BOXES<br>P/PALLET | TOTAL UNITS<br>P/PALLET | PALLET WEIGHT<br>(KG) |
|--------------|-------------------------|----------------------------|--------------------|-------------------|-------------------------|-----------------------|
| Head only    | 3200                    | 28 x 28 x 57               | 19.2               | 32                | 102400                  | 614                   |

## VIBRONET™ SD

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.



## VIBRONET™ SD

Head only (with male inlet connector)

Catalog number: **64300** - (any of below 6 digits )

| MODEL |        |
|-------|--------|
| 030   | 010000 |
| 050   | 011000 |
| 070   | 012000 |

VibroNet™ SD assembly stand (sample)

VBN SD 70L/H 60CM W/STAKE CLIP BC 64300-012100


VBN SD 50L/H 60CM W/STAKE CLIP BC 64300-011500




VibroNet™ SD

## CONNECTORS AND STAND ACCESSORIES

|                               |   |
|-------------------------------|---|
| <b>SUPERNET™ STAKE</b>        |  |
| Colored Blue<br>63520-005900  |   |
| Colored Brown<br>63520-010350 |   |
| Colored Black<br>63520-010450 |   |


|  |   |
|--|---|
| <b>ADAPTER TO METAL/<br/>FIBERGLASS RODS</b> |  |
| 6.0 mm rod (Blue)<br>63520-005950            |   |
| 8.0 mm rod (Black)<br>63520-005970           |   |


|                               |   |
|-------------------------------|---|
| <b>CLIP STAKE</b>             |  |
| Colored Blue<br>63000-009870  |   |
| Colored Black<br>63000-009860 |   |


|                               |  |
|-------------------------------|--|
| <b>UNIVERSAL STAKE</b>        |  |
| Colored Blue<br>63000-009800  |  |
| Colored Black<br>63000-009750 |  |
| Colored Brown<br>63000-009850 |  |


|                             |   |
|-----------------------------|---|
| <b>CLAMP FOR WOOD POLES</b> |  |
| 64420-003100                |   |


|                                   |   |
|-----------------------------------|---|
| <b>CLAMP FOR METAL<br/>STAKES</b> |  |
| 64420-003010                      |   |

|  |  |
|--|--|
| <b>METAL ROD</b>                           |  |
| 6.0 mm dia., 60 cm length<br>65080-001000  |  |
| 6.0 mm dia., 100 cm length<br>65080-001100 |  |
| 6.0 mm dia., 120 cm length<br>65080-001200 |  |
| 8.0 mm dia., 60 cm length<br>65080-001500  |  |
| 8.0 mm dia., 100 cm length<br>65080-001600 |  |
| 8.0 mm dia., 120 cm length<br>65080-001700 |  |

|   |   |
|---|---|
| <b>UNIVERSAL ADAPTER TO<br/>METAL/FIBERGLASS ROD</b>                          |  |
| To 4.5 mm dia. rod, 4*6.5 mm micro-tube,<br>colored black<br>64020-002150     |   |
| To 6.0 mm dia. rod, 4*6.5 mm micro-tube,<br>colored blue<br>64020-002000      |   |
| To 8.0 mm dia. rod, 4*6.5 mm micro-tube,<br>colored black<br>64020-002100     |   |
| To 6.0 mm dia. rod, 6*8 mm micro-tube,<br>colored blue<br>64020-003100        |   |
| To 6.0 mm dia. rod, 9*11/9*12 mm micro-tube,<br>colored blue<br>64020-003150  |   |
| To 8.0 mm dia. rod, 9*11/9*12 mm micro-tube,<br>colored black<br>64020-003170 |   |

|  |   |
|--|---|
| <b>PIN STAKE 50CM + ADAP.FIT<br/>4*6.5</b> |  |
| 63000-019120                               |   |

|   |   |
|---|---|
| <b>COMPLETE STAND W/O STAKE<br/>FEMALE PRESS FIT CONN. + 0.6 METER 6*8 TUBE +<br/>BARB/MALE CONN.,<br/>THESE 3 PRODUCTS ARE SUPPLIED ASSEMBLED,<br/>AND AS SEPARATED PRODUCTS IN THE SAME BOX:<br/>FLAT FEMALE/BARB CONN. + STAKE ADAPTER THAT<br/>FIT A 6 MM ROD</b> |  |
| 64020-005600  |   |

|   |   |
|---|---|
| <b>COMPLETE STAND W/O STAKE<br/>FEMALE PRESS FIT CONN. + 1.2 METER 8*6 TUBE +<br/>BARB/MALE F&amp;S CONN.,<br/>THESE 3 PRODUCTS ARE SUPPLIED ASSEMBLED,<br/>AND AS SEPARATED PRODUCTS IN THE SAME BOX:<br/>FLAT FEMALE/BARB S&amp;F CONN. + STAKE ADAPTER<br/>THAT FIT A 6 MM ROD</b> |  |
| 64520-001990  |   |



|  |   |   |  |  |   |
|--|---|---|--|--|---|
| <b>BARB/MALE PRESS-FIT CONNECTOR (BLACK)</b>   |    | <b>BARBED, PRESSURE MEASURING POINT</b>   |     | <b>BARB/FLAT FEMALE PRESS-FIT CONNECTOR</b>  |    |
| 63000-002000   |   | 63000-002800  |  | 63000-002450   |   |
| <b>BARB/BARB CONNECTOR (BLACK)</b>   |    | <b>1/4" UNF MALE THREADED, PRESSURE MEASURING POINT ON A PVC PIPE, DRILL: 5.2 MM SCREW-TAP: 1/4-28 UNF</b>  |     | <b>PLUG (BLUE)</b>   |    |
| 63520-006000   |   | 63000-002700  |  | 63000-002400   |   |
| <b>BARB/SELF TAPPING CONNECTOR (BLACK)</b>   |   | <b>1/8" BSP MALE THREADED, PRESSURE MEASURING POINT ON A PVC PIPE, DRILL: 8.5 MM SCREW-TAP: 1/8-28 BSP</b>  |    | <b>MALE THREADED / FEMALE PRESS-FIT</b>  |   |
| 63520-006100   |   | 63000-002750  |  | 3/8" Threaded male/<br>female conn.<br>63000-001150<br><br>1/2" Threaded male/<br>female conn.<br>63000-001180 |   |
| <b>SELF TAPPING/SELF TAPPING CONNECTOR (BLACK)</b>   |  | <b>"U" SHAPE FOR UPRIGHT HANGING</b>  |  | <b>SUPERNET™ AND GYRONET™ NOZZLE CLEANING TOOL</b>   |  |
| 63520-006150   |   | 63520-005990  |  | 63520-011000   |   |
| <b>BARB/FEMALE PRESS-FIT CONNECTOR (BLACK)</b>   |  | <b>ADAPTER BARB-3/8" FEMALE THREADED</b>  |  |  |   |
| 63000-001900   |   | Barb (for 9*11/9*12 mm tube) / 3/8" female threaded<br>63000-001835   |  |  |   |
| <b>ADAPTER FEMALE THREADED/FEMALE PRESS-FIT</b>  |  | <b>ADAPTER BARB/FEMALE PRESS-FIT</b>  |   |  |   |
| 1/2" female threaded / female press-fit conn<br>63000-001200<br><br>3/4" female threaded / female press-fit conn<br>63000-001300 |   | Adapter barb (for 6*8 mm tube) / female press-fit connector<br>64020-002750<br><br>Adapter barb (for 9*12 mm tube) / female press-fit connector<br>64020-002760 |  |  |   |



## PC SPRAY STAKES

### PRESSURE COMPENSATED SPRAY STAKE

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#### APPLICATIONS

For all mini-spray nurseries and greenhouses applications.

#### SPECIFICATIONS

- High flow rates to supply correct irrigation in large pots/growing bags.
- PC spray stake is ideal for any application in which a soil wetting mini spray pattern is desired.
- PC spray stake is manufactured with UV resistant resin to provide years of trouble-free service in both indoor and outdoor applications.
- Optional CNL (anti drain system).
- 2 spray patterns adaptable to suit every substrate surface or container.
- Recommended filtration: 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, pre treatment will be applied according to Netafim™ expert team's instructions.

#### FEATURES AND BENEFITS

- Pressure compensated flow ensuring constant flow rate at varying inlet pressures.
- Optional CNL:  
When pressure in the pipes drops (after valves shut off at the end of an irrigation cycle) and the desired pressure is achieved, the CNL mechanism closes the water passage. The pipes remain full of water and ready for the next cycle.
- Ensures uniform water and nutrient distribution during irrigation.
- Allows the installation of spray stake systems in areas with steeper slopes.
- Uniform wetting pattern over the entire surface.
- Horizontal connection.
- Water flow blockage mechanism to function when a pot is sold and/ or shifted from position to prevent water and fertilizer loss.
- Pre-assembled components for easy of use.
- Excellent performance.

## PC SPRAY STAKE COMPONENTS

| NOMINAL FLOW RATE (L/H)* | SPRAY STAKE COLOR CODE | SPREAD DESCRIPTION | AVERAGE WETTED RADIUS (M)** | FLOW REGULATOR CODE COLOR |
|--------------------------|------------------------|--------------------|-----------------------------|---------------------------|
| 12                       | Fuchsia                | One side           | 0.22-0.25                   | Fuchsia + Black           |
| 20                       | Gray                   | One side           | 0.22-0.25                   | Orange + Black            |
| 20                       | Light Gray             | Two sides          | 0.22-0.25                   | Orange + Black            |
| 25                       | Gray                   | One side           | 0.22-0.25                   | Orange + Light Gray       |
| 25                       | Light Gray             | Two sides          | 0.22-0.25                   | Orange + Light Gray       |
| 30                       | Brown                  | One side           | 0.22-0.25                   | Orange + Brown            |
| 30                       | Light Brown            | Two sides          | 0.22-0.25                   | Orange + Brown            |
| 35                       | Blue                   | One side           | 0.22-0.25                   | Orange + Light Blue       |
| 35                       | Light Blue             | Two sides          | 0.22-0.25                   | Orange + Light Blue       |
| 40                       | Blue                   | One side           | 0.22-0.25                   | Orange + Blue             |
| 40                       | Light Blue             | Two sides          | 0.22-0.25                   | Orange + Blue             |

\* Within pressure range 1.5-4.0 bar (1.8-4.0 bar in the 40 l/h model)

\*\*To each side, wetted radius will change at different height above ground of the spray head

## PACKAGING DATA

| QUANTITY P/BOX UNITS | BOX SIZE (CM X CM X CM) | BOX WEIGHT (KG) | BOXES P/PALLET |
|----------------------|-------------------------|-----------------|----------------|
| 500                  | 27 x 28 x 113           | 9.5             | 16             |

PC SPRAY STAKES ASSEMBLY , PCJ HF YY l/h , 3\*5 mm micro-tube 100 cm length, elbow adapter  
Catalog number : **40200** - (any of below 6 digits)

| PCJ MODEL | PC SPRAY STAKE | WATER DISTRIBUTION | 1 UNIT |
|-----------|----------------|--------------------|--------|
| 12 l/h    | Fuchsia        | One side           | 035100 |
| 20 l/h    | Gray           | One side           | 035200 |
| 20 l/h    | Light Gray     | Two sides          | 035300 |
| 25 l/h    | Gray           | One side           | 035400 |
| 25 l/h    | Light Gray     | Two sides          | 035500 |
| 30 l/h    | Brown          | One side           | 037200 |
| 30 l/h    | Light Brown    | Two sides          | 037300 |
| 35 l/h    | Blue           | One side           | 037600 |
| 35 l/h    | Light Blue     | Two sides          | 037700 |
| 40 l/h    | Blue           | One side           | 037800 |
| 40 l/h    | Light Blue     | Two sides          | 037900 |

\*Can be ordered with different micro-tube lengths

PC-CNL SPRAY STAKES ASSEMBLY , PCJ-CNL HF YY l/h , 3\*5 mm micro-tube 100 cm length, elbow adapter  
Catalog number : **40200** - (any of below 6 digits)

| PCJ MODEL | PC SPRAY STAKE | WATER DISTRIBUTION | 1 UNIT |
|-----------|----------------|--------------------|--------|
| 12 l/h    | Fuchsia        | One side           | 036000 |
| 20 l/h    | Gray           | One side           | 036100 |
| 20 l/h    | Light Gray     | Two sides          | 036200 |
| 25 l/h    | Gray           | One side           | 036300 |
| 25 l/h    | Light Gray     | Two sides          | 036400 |
| 30 l/h    | Brown          | One side           | 038500 |
| 30 l/h    | Light Brown    | Two sides          | 038600 |
| 35 l/h    | Blue           | One side           | 038700 |
| 35 l/h    | Light Blue     | Two sides          | 038800 |
| 40 l/h    | Blue           | One side           | 038900 |
| 40 l/h    | Light Blue     | Two sides          | 039000 |

\*Can be ordered with different micro-tube lengths



## SPRAY STAKE

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### APPLICATIONS

Greenhouses, nurseries, garden pot irrigation.

### SPECIFICATIONS

- Maximal working pressure: 2.0 bar.
- Recommended filtration : 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, pre treatment will be applied according to Netafim™ expert team's instructions.
- Made of durable plastic with high levels of UV inhibitors.
- Available in three colors for easy identification of flow rates:
  - 12 l/h – Yellow
  - 17 l/h – Green
  - 22 l/h – Black
- Container size recommendations:
  - 12 to 20 liters - Yellow Spray Stake
  - 20 to 40 liters - Green Spray Stake
  - 40 to 120 liters - Black Spray Stake
- To be "inserted" into a 3\*5 mm micro-tube.

### FEATURES AND BENEFITS

- Allow distribution of water over relatively large pot plant areas.
- Netafim™ Spray Stakes now have a spray direction indicator for faster, accurate installations. The directional indicator provides a hand-feel as well as visual cue to the spray direction so installers don't need to stop and study each stake to ensure proper spray direction.
- Netafim™ Spray Stakes feature close-off capabilities that are simple and quick , remove the tubing from the top of the Spray Stake and attach the tubing to the close-off nipple located on the side of the stake.. This eliminates dirt getting jammed into the tubing and provides a highly visible cue that the stake is closed, not open.
- Allows maximum flexibility in greenhouse and nurseries (with soft PE micro-tubes).
- Allows installation with Netafim™ On line PC drippers, to add compensated and anti-drain functionality.

## SPRAY STAKE TECHNICAL DATA

| MAXIMUM WORKING PRESSURE (BAR) | NOMINAL FLOW RATE (L/H)* | WATER PASSAGES DIMENSIONS** |            |             | CONSTANT K | EXPONENT X |
|--------------------------------|--------------------------|-----------------------------|------------|-------------|------------|------------|
|                                |                          | WIDTH (MM)                  | DEPTH (MM) | LENGTH (MM) |            |            |
| 2.0                            | 12.0                     | 1.04                        | 0.73       | 10.50       | 3.795      | 0.50       |
|                                | 17.0                     | 1.34                        | 1.05       | 10.50       | 5.376      | 0.50       |
|                                | 22.0                     | 1.57                        | 1.30       | 10.50       | 6.957      | 0.50       |

\* At 1.0 bar pressure

\*\*The Spray Stake water passages has a triangular shape

## PACKAGING DATA

| STAKE MODEL | NOMINAL FLOW (L/H) | QUANTITY UNITS | DIMENSIONS (CM X CM X CM) | BOX WEIGHT (KG) |
|-------------|--------------------|----------------|---------------------------|-----------------|
| Yellow      | 12                 | 2000           | 28 x 28 x 57              | 5.5             |
| Green       | 17                 | 2000           | 28 x 28 x 57              | 5.5             |
| Black       | 22                 | 2000           | 28 x 28 x 57              | 5.5             |

## SPRAY STAKES

Catalog number : **22500** - (any of below 6 digits )

| MODEL | 1 UNIT |
|-------|--------|
| 12    | 001000 |
| 17    | 001100 |
| 22    | 001200 |



## SPRAY STAKES ACCESSORIES

|                   |         |              |
|-------------------|---------|--------------|
| Butterfly stopper | 1 unit  | 22500-001300 |
|                   | 100/bag | 22500-001330 |
| Extension unit    | 1 unit  | 22500-001400 |
|                   | 50/bag  | 22500-001420 |





## SPINNET™

### BRIDGELESS MICRO-SPRINKLER

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#### APPLICATIONS

Greenhouses, Nurseries, Net-houses.

#### SPECIFICATIONS

- Bridgeless design.
- Micro-sprinkler, 6 different flow rates: 50, 70, 90, 120, 160, 200 l/h.  
Nominal flow rates at 2.3 bar pressure.
- Recommended working pressure: 2.0 up to 3.0 bar.
- Recommended filtration : 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, pre treatment will be applied according to Netafim™ expert team's instructions.
- Inlet connector: Press fit.
- 3 different rotors:
  - LR - High trajectory, colored Green
  - FLT - Flat distributor, colored Gray
  - SR - Low trajectory , colored Blue
- SpinNet™ micro-sprinklers meet ISO 8026 standards (SI 1406) with production certified by the Israel Standards Institute (SII).

#### FEATURES AND BENEFITS

- SpinNet™ micro-sprinklers are constructed without a "bridge" to retain the spinner, producing a drip-less operation. This means that plants located below the sprinklers are not damaged from water dripping off the sprinkler. SpinNet™ hangs below the supply pipe preventing wetting of the pipe and dripping onto the plants below.
- Interchangeable components. SpinNet™ micro-sprinklers can be disassembled by hand should they need cleaning - no tools are required.
- 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.
- Excellent uniformity distribution on a full coverage irrigation system.
- Strongly recommended to connect the SpinNet™ to the distribution pipe with a SSPE (super soft PE) micro-tube, a specifically designed stabilizer and AD valve (anti-drain) that will prevent distribution pipe drainage.

## SPINNET™ TECHNICAL DATA

| MODEL | NOZZLE CODE COLOR | NOZZLE SIZE (MM) | RECOMMENDED WORKING PRESSURE (BAR) | CONSTANT K | EXPONENT X | WETTED DIAMETER (M)** | SWIVEL (ROTOR) CODE COLOR LR | WETTED DIAMETER (M)** | SWIVEL (ROTOR) CODE COLOR FTL | WETTED DIAMETER (M)** | SWIVEL (ROTOR) CODE COLOR SR |
|-------|-------------------|------------------|------------------------------------|------------|------------|-----------------------|------------------------------|-----------------------|-------------------------------|-----------------------|------------------------------|
| 050   | Green             | 0.90             | 2.0 to 3.0                         | 10.5       | 0.5        | N/A                   | N/A                          | N/A                   | N/A                           | 6.0                   | Blue                         |
| 070   | Black             | 1.07             | 2.0 to 3.0                         | 14.0       | 0.5        | 8.0                   | Green                        | 7.5                   | Gray                          | 6.5                   | Blue                         |
| 090   | Orange            | 1.22             | 2.0 to 3.0                         | 18.9       | 0.5        | 8.5                   | Green                        | 8.5                   | Gray                          | 6.5                   | Blue                         |
| 120   | Red               | 1.44             | 2.0 to 3.0                         | 25.0       | 0.5        | 8.5                   | Green                        | 8.5                   | Gray                          | 6.5                   | Blue                         |
| 160   | Brown             | 1.76             | 2.0 to 3.0                         | 33.6       | 0.5        | 9.0                   | Green                        | 9.0                   | Gray                          | 6.5                   | Blue                         |
| 200   | Yellow            | 1.86             | 2.0 to 3.0                         | 41.4       | 0.5        | 9.5                   | Green                        | 9.0                   | Gray                          | 7.0                   | Blue                         |

\*\*The wetted diameter was measured at 1.5 meters height and at 2.5 bar working pressure

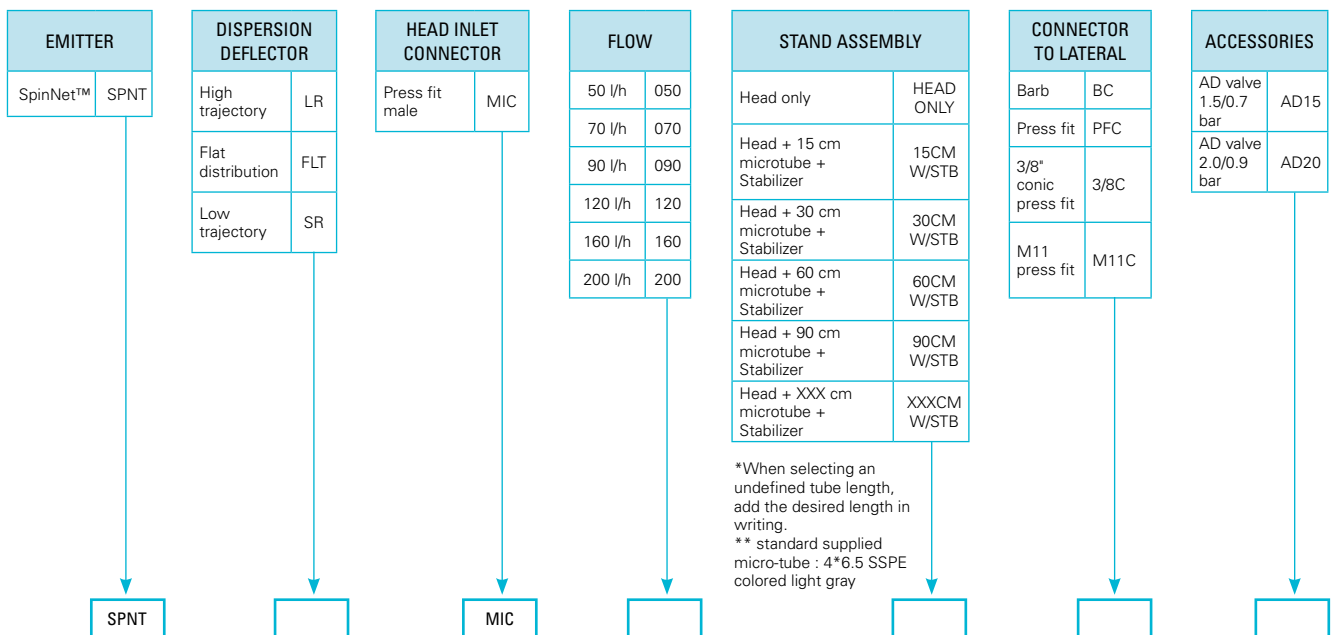
## PACKAGING DATA

| SPINNET™   | QUANTITY 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                |

## SPINNET™

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.

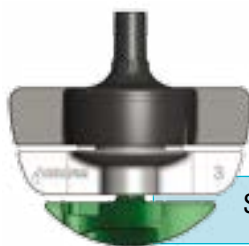


## SPINNET™

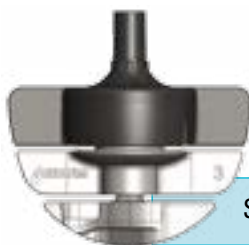
Head only

Catalog number: **64200** - (any of below 6 digits)

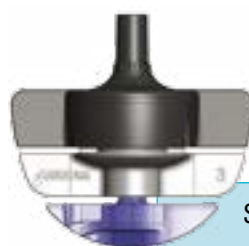
| MODEL | LR     |               | FLT    |               | SR     |               |
|-------|--------|---------------|--------|---------------|--------|---------------|
|       | 1 Unit | 100 Units/bag | 1 Unit | 100 Units/bag | 1 Unit | 100 Units/bag |
| 050   | N/A    | N/A           | N/A    | N/A           | 023000 | 023010        |
| 070   | 010000 | 010020        | 005000 | 005002        | 024000 | 024020        |
| 090   | 013000 | 013020        | 006000 | 006010        | 025000 | 025020        |
| 120   | 017500 | 017520        | 007000 | 007010        | 026000 | 026020        |
| 160   | 020000 | 020020        | 007500 | 007510        | 027000 | 027020        |
| 200   | 021300 | 021320        | 008000 | 008005        | 028000 | 028020        |



SpinNet™ LR, green swivel



SpinNet™ FLT, gray swivel



SpinNet™ SR, Blue swivel

## SPINNET™

Head + AD valve 20

Catalog number : **64200** - (any of below 6 digits)

| MODEL | LR     | FLT    | SR |
|-------|--------|--------|----|
| 050   | N/A    | N/A    |    |
| 070   | 010070 | 005075 |    |
| 090   |        |        |    |
| 120   |        |        |    |
| 160   |        |        |    |
| 200   |        |        |    |

## SPINNET™ ASSEMBLY STANDS

SpinNet™, UD stand, LR swivel, Flow YYY, micro-tube length XXX, stabilizer, barb connector to lateral pipe, AD valve 20, Catalog number : **64200** - (any of below 6 digits)

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

SpinNet™, UD stand, LR swivel, Flow YYY, micro-tube length XXX, stabilizer, press-fit connector to lateral pipe, AD valve 20, Catalog number : **64200** - (any of below 6 digits)

| MODEL | 15 CM  | 30 CM  | 60 CM  | 90 CM |
|-------|--------|--------|--------|-------|
| 070   | 010200 | 010410 | 010170 |       |
| 090   | 013300 | 013320 |        |       |
| 120   | 017800 | 018250 |        |       |
| 160   | 020105 | 020910 |        |       |
| 200   | 021600 | 022100 |        |       |

SpinNet™, UD stand, FLT swivel, Flow YYY, micro-tube length XXX, stabilizer, barb connector to lateral pipe, AD valve 20, Catalog number : **64200** - (any of below 6 digits)

| MODEL | 15 CM  | 30 CM  | 60 CM  | 90 CM  |
|-------|--------|--------|--------|--------|
| 070   | 005009 | 005100 | 005120 | 005400 |
| 090   |        | 006100 | 006145 |        |
| 120   |        | 007100 | 007120 | 007320 |
| 160   |        | 007750 |        |        |
| 200   |        | 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, Catalog number : **64200** - (any of below 6 digits)

| MODEL | 15 CM  | 30 CM  | 60 CM  | 90 CM |
|-------|--------|--------|--------|-------|
| 070   | 010110 | 010350 | 010160 |       |
| 090   |        | 013150 | 013185 |       |
| 120   |        | 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, Catalog number : **64200** - (any of below 6 digits)

| MODEL | 15 CM  | 30 CM  | 60 CM  | 90 CM |
|-------|--------|--------|--------|-------|
| 070   | 010100 | 010360 | 010150 |       |
| 090   | 013100 | 013155 | 013180 |       |
| 120   | 017600 | 017650 | 017700 |       |
| 160   | 020100 | 020190 | 021500 |       |
| 200   | 021400 | 021450 |        |       |

SpinNet™, UD stand, FLT swivel, Flow YYY, micro-tube length XXX, stabilizer, barb connector to lateral pipe and AD valve 15, Catalog number : **64200** - (any of below 6 digits)

| MODEL | 15 CM  | 30 CM  | 60 CM  | 90 CM  |
|-------|--------|--------|--------|--------|
| 070   | 005008 | 005005 | 005032 | 005050 |
| 090   |        | 006032 | 006050 | 006065 |
| 120   | 007017 | 007027 | 007037 |        |
| 160   |        |        |        | 007710 |
| 200   |        |        |        |        |

SpinNet™, UD stand, FLT swivel, Flow YYY, micro-tube length XXX, stabilizer, press-fit connector to lateral pipe, AD valve 20, Catalog number: **64200** - (any of below 6 digits)

| MODEL | 15 CM  | 30 CM  | 60 CM  | 90 CM  |
|-------|--------|--------|--------|--------|
| 070   | 005080 | 005150 | 005300 |        |
| 090   | 006070 | 006120 | 006140 |        |
| 120   | 007045 | 007150 | 007200 | 007330 |
| 160   |        |        | 007850 |        |
| 200   | 008070 | 008150 | 008300 |        |

SpinNet™, UD stand, SR swivel, Flow YYY, micro-tube length XXX, stabilizer, barb connector to lateral pipe, AD valve 20, Catalog number: **64200** - (any of below 6 digits)

| MODEL | 15 CM  | 30 CM  | 60 CM | 90 CM  |
|-------|--------|--------|-------|--------|
| 050   | 004110 |        |       |        |
| 070   |        |        |       |        |
| 090   |        | 025100 |       |        |
| 120   |        |        |       |        |
| 160   | 026300 | 026350 |       | 026370 |
| 200   |        |        |       |        |

SpinNet™, UD stand, SR swivel, Flow YYY, micro-tube length XXX, stabilizer, press-fit connector to lateral pipe, AD valve 20, Catalog number: **64200** - (any of below 6 digits)

| MODEL | 15 CM  | 30 CM  | 60 CM | 90 CM |
|-------|--------|--------|-------|-------|
| 050   |        | 023020 |       |       |
| 070   |        |        |       |       |
| 090   |        |        |       |       |
| 120   |        | 026150 |       |       |
| 160   | 026360 |        |       |       |
| 200   |        |        |       |       |

SpinNet™, UD stand, FLT swivel, Flow YYY, micro-tube length XXX, stabilizer, press-fit connector to lateral pipe and AD valve 15, Catalog number: **64200** - (any of below 6 digits)

| MODEL | 15 CM  | 30 CM  | 60 CM  | 90 CM  |
|-------|--------|--------|--------|--------|
| 070   | 005010 | 005020 | 005030 |        |
| 090   | 006020 | 006030 |        | 006060 |
| 120   | 007015 | 007025 | 007035 |        |
| 160   |        | 007600 | 007980 |        |
| 200   | 007940 | 007960 |        |        |

SpinNet™, UD stand, SR swivel, Flow YYY, micro-tube length XXX, stabilizer, barb connector to lateral pipe, AD valve 15, Catalog number: **64200** - (any of below 6 digits)

| MODEL | 15 CM  | 30 CM  | 60 CM | 90 CM |
|-------|--------|--------|-------|-------|
| 050   | 004100 |        |       |       |
| 070   |        |        |       |       |
| 090   |        | 013150 |       |       |
| 120   | 026100 | 017660 |       |       |
| 160   |        |        |       |       |
| 200   |        |        |       |       |

SpinNet™, UD stand, SR swivel, Flow YYY, micro-tube length XXX, stabilizer, press-fit connector to lateral pipe, AD valve 15, Catalog number: **64200** - (any of below 6 digits)


| MODEL | 15 CM | 30 CM | 60 CM | 90 CM |
|-------|-------|-------|-------|-------|
| 050   |       |       |       |       |
| 070   |       |       |       |       |
| 090   |       |       |       |       |
| 120   |       |       |       |       |
| 160   |       |       |       |       |
| 200   |       |       |       |       |


Missing catalog numbers available upon request.

Background color defines the code color of the respective swivel. All assembly stands include 4\*6.5 mm gray SSPE micro-tube.

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

## SPINNET™ COMPONENTS

| SPINNET™<br>BODY NOZZLE |  |
|-------------------------|---|
| 50 l/h, Green           | 64220-003900  |
| 70 l/h, Black           | 64220-004000  |
| 90 l/h, Orange          | 64220-004100  |
| 120 l/h, Red            | 64220-004200  |
| 160 l/h, Brown          | 64220-004250  |
| 200 l/h, Yellow         | 64220-004300  |

| SPINNET™<br>DISTRIBUTION MECHANISM              |  |
|---|---|
| LR, long range distribution model, Green swivel | 64200-001020  |
| FLT, flat distribution model, Gray swivel       | 64200-001000  |
| SR, short range distribution model, Blue swivel | 64200-001030  |



## SPINNET™ SD

### BRIDGELESS MICRO-SPRINKLER WITH SHOULDER DISTRIBUTOR



#### APPLICATIONS

Greenhouses, Nurseries, Tunnels.

#### SPECIFICATIONS

- Micro-sprinkler with a specifically designed connector SD (shoulder distributor) that achieves excellent results when rectangular irrigation is needed.
- Bridgeless design.
- Micro-sprinkler, 6 different flow rates : 090/050, 120/070, 160/070, 160/090, 200/090, 200/120 l/h. Nominal flow rates at 2.0 bar pressure.
- Recommended working pressure: 2.0 up to 3.0 bar.
- Recommended filtration : 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, pre treatment will be applied according to Netafim™ expert team's instructions.
- Inlet connector: Press fit.
- 3 different rotors:
  - LR - High trajectory, colored Green
  - FLT - Flat distributor, colored Gray
  - SR - Low trajectory, colored Blue

#### FEATURES AND BENEFITS

- Bridgeless design eliminates dripping.
- Interchangeable components. SpinNet™SD micro-sprinklers can be disassembled by hand should they need cleaning - no tools are required.
- 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.
- Excellent uniformity distribution on a single irrigation line. Traditional sprinkler layout spaces the sprinklers "head to head" or at spacing equal to the radius of the sprinkler throw. For larger areas, the patterns are overlapped. The SpinNet™ SD solution avoids the problems of the traditional sprinkler layout and achieves a high level of uniformity within a closely spaced "strip of sprinklers".
- Specially designed to fully cover rectangular areas with excellent uniformity distribution and high percentage of the water within the required rectangular area.
- Strongly recommended to connect the SpinNet™SD to the distribution pipe with a SSPE (super soft PE) micro-tube, a specifically designed stabilizer and AD valve (anti-drain) that will prevent distribution pipe drainage.



## SPINNET™ SD TECHNICAL DATA

| MODEL   | NOMINAL FLOW RATE *<br>(L/H) | NOZZLE CODE COLOR | NOZZLE SIZE<br>(MM) | SD CONN NOZZLE SIZE<br>(MM) | CONSTANT<br>K | EXPONENT<br>X | RECOMMENDED WORKING PRESSURE<br>(BAR) |
|---------|------------------------------|-------------------|---------------------|-----------------------------|---------------|---------------|---------------------------------------|
| 090/050 | 52                           | Orange + Orange   | 1.22                | 1.20                        | 11.6          | 0.5           | 2.0 to 3.0                            |
| 120/070 | 68                           | Red + Red         | 1.44                | 1.46                        | 15.2          | 0.5           | 2.0 to 3.0                            |
| 160/070 | 79                           | Brown + Red       | 1.76                | 1.46                        | 17.7          | 0.5           | 2.0 to 3.0                            |
| 160/090 | 88                           | Brown + Brown     | 1.76                | 1.56                        | 19.7          | 0.5           | 2.0 to 3.0                            |
| 200/090 | 92                           | Yellow + Brown    | 1.86                | 1.56                        | 20.6          | 0.5           | 2.0 to 3.0                            |
| 200/120 | 123                          | Yellow + Yellow   | 1.86                | 1.87                        | 27.5          | 0.5           | 2.0 to 3.0                            |

\*Nominal flow rate at 2.0 bar

| MODEL   | NOZZLE CODE COLOR | WETTED DIAMETER (M)** | SWIVEL (ROTOR) CODE COLOR LR MODEL | WETTED DIAMETER (M)** | SWIVEL (ROTOR) CODE COLOR FLT MODEL | WETTED DIAMETER (M)** | SWIVEL (ROTOR) CODE COLOR SR MODEL |
|---------|-------------------|-----------------------|------------------------------------|-----------------------|-------------------------------------|-----------------------|------------------------------------|
| 090/050 | Orange + Orange   | N/A                   | N/A                                | N/A                   | N/A                                 | 5.5                   | Blue                               |
| 120/070 | Red + Red         | 7.5                   | Green                              | 7.5                   | Gray                                | 6.0                   | Blue                               |
| 160/070 | Brown + Red       | 6.5                   | Green                              | 6.0                   | Gray                                | 5.5                   | Blue                               |
| 160/090 | Brown + Brown     | 7.0                   | Green                              | 6.5                   | Gray                                | 5.5                   | Blue                               |
| 200/090 | Yellow + Brown    | 6.5                   | Green                              | 6.5                   | Gray                                | 5.5                   | Blue                               |
| 200/120 | Yellow + Yellow   | 8.0                   | Green                              | 7.5                   | Gray                                | 6.5                   | Blue                               |

\*\*The wetted diameter was measured at 1.5 meters height and at 2.5 bar working pressure

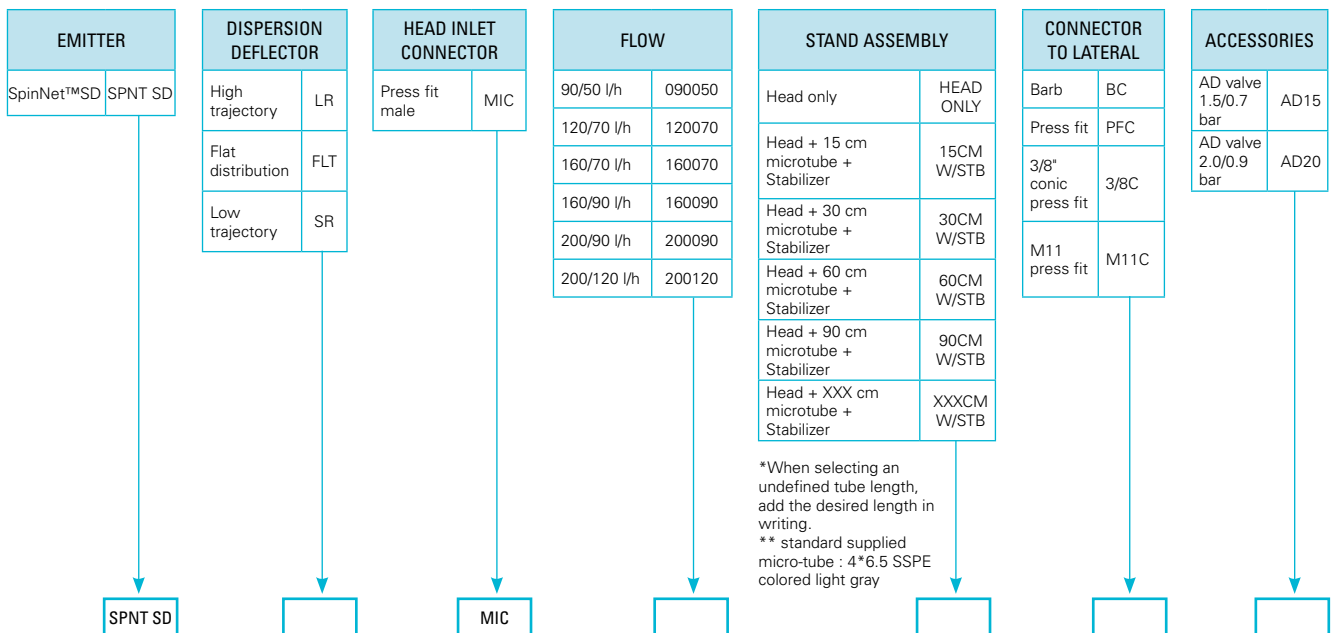
## PACKAGING DATA

| SPINNET™ SD                                    | QUANTITY P/BOX UNITS | BOX SIZE (CM X CM X CM) | BOX WEIGHT (KG) | BOXES P/PALLET | TOTAL UNITS P/PALLET | PALLET WEIGHT (KG) |
|--|----------------------|-------------------------|-----------------|----------------|----------------------|--------------------|
| Head & SD connector                            | 1250                 | 18 x 34 x 79            | 12.9            | 20             | 25000                | 268                |
| Complete stand (30 cm) w/stabilizer & AD valve | 150                  | 28 x 28 x 57            | 11.5            | 32             | 4800                 | 368                |
| Complete stand (60 cm) w/stabilizer & AD valve | 100                  | 18 x 34 x 79            | 8.4             | 20             | 2000                 | 176                |

## SPINNET™ SD

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.

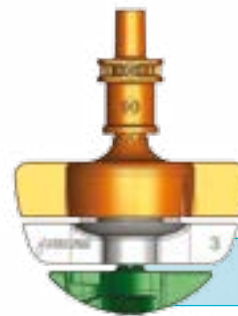


## SPINNET™ SD

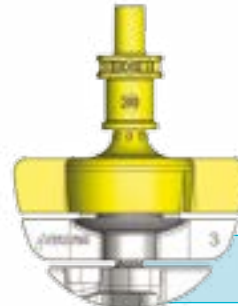
Head only

Catalog number: **64200** - (any of below 6 digits)

| MODEL  | LR     |              | FLT    |              | SR     |              |
|--------|--------|--------------|--------|--------------|--------|--------------|
|        | 1 Unit | 25 Units/bag | 1 Unit | 25 Units/bag | 1 Unit | 25 Units/bag |
| 090050 | N/A    | N/A          | N/A    | N/A          | 031950 |              |
| 120070 | 010750 | 010760       | 001250 | 001255       | 032000 | 032010       |
| 160070 | 012250 |              | 001460 |              | 032950 |              |
| 160090 | 013950 | 013960       | 001600 |              | 033000 | 033010       |
| 200090 | 014090 |              | 001780 | 001785       | 033100 |              |
| 200120 | 014720 |              | 001840 |              | 034000 |              |



SpinNet™ SD LR, green swivel



SpinNet™ SD FLT, gray swivel



SpinNet™ SD SR, Blue swivel

## SPINNET™ SD

Head + AD valve 20

Catalog number : **64200** - (any of below 6 digits)

| MODEL  | LR     |              | FLT    |              | SR     |              |
|--------|--------|--------------|--------|--------------|--------|--------------|
|        | 1 Unit | 25 Units/bag | 1 Unit | 25 Units/bag | 1 Unit | 25 Units/bag |
| 090050 | N/A    |              | N/A    |              |        |              |
| 120070 | 010800 | 010805       | 001300 | 001302       | 032020 | 032030       |
| 160070 |        |              | 001490 |              |        |              |
| 160090 | 014000 | 014005       | 001650 |              | 033020 | 033030       |
| 200090 |        |              | 001800 | 001805       |        |              |
| 200120 | 018700 |              | 001850 | 001855       |        |              |

## SPINNET™ SD ASSEMBLY STANDS

SpinNet™ SD , UD stand, LR swivel , Flow YYY , micro-tube length XXX , stabilizer , barb connector to lateral pipe , AD valve 20, Catalog number : **64200** - (any of below 6 digits)

| MODEL  | 15 CM  | 30 CM  | 60 CM | 90 CM |
|--------|--------|--------|-------|-------|
| 090050 |        |        |       |       |
| 120070 | 011500 | 011800 |       |       |
| 160070 |        |        |       |       |
| 160090 |        | 014600 |       |       |
| 200090 |        | 014700 |       |       |
| 200120 |        |        |       |       |

SpinNet™ , UD stand, LR swivel , Flow YYY , micro-tube length XXX , stabilizer , press-fit connector to lateral pipe, AD valve 20 , Catalog number : **64200** - (any of below 6 digits)

| MODEL  | 15 CM  | 30 CM  | 60 CM  | 90 CM |
|--------|--------|--------|--------|-------|
| 090050 |        |        |        |       |
| 120070 | 011805 | 011810 |        |       |
| 160070 |        | 001675 |        |       |
| 160090 |        |        | 014652 |       |
| 200090 |        |        |        |       |
| 200120 |        |        |        |       |

## SPINNET™ SD ASSEMBLY STANDS

SpinNet™ SD , UD stand, LR swivel , Flow YYY , micro-tube length XXX , stabilizer , barb connector to lateral pipe, AD valve 15, Catalog number : **64200** - (any of below 6 digits)

| MODEL  | 15 CM | 30 CM | 60 CM | 90 CM |
|--------|-------|-------|-------|-------|
| 090050 |       |       |       |       |
| 120070 |       |       |       |       |
| 160070 |       |       |       |       |
| 160090 |       |       |       |       |
| 200090 |       |       |       |       |
| 200120 |       |       |       |       |

SpinNet™ , UD stand, LR swivel , Flow YYY , micro-tube length XXX , stabilizer , press-fit connector to lateral pipe, AD valve 15 , Catalog number : **64200** - (any of below 6 digits)

| MODEL  | 15 CM  | 30 CM  | 60 CM  | 90 CM  |
|--------|--------|--------|--------|--------|
| 090050 |        |        |        |        |
| 120070 |        |        | 011900 |        |
| 160070 |        |        |        |        |
| 160090 |        | 014550 | 014740 | 014660 |
| 200090 | 014310 |        |        |        |
| 200120 |        |        |        |        |

SpinNet™ SD , UD stand, FLT swivel , Flow YYY , micro-tube length XXX , stabilizer , barb connector to lateral pipe, AD valve 20, Catalog number : **64200** - (any of below 6 digits)

| MODEL  | 15 CM  | 30 CM  | 60 CM | 90 CM  |
|--------|--------|--------|-------|--------|
| 090050 |        | 001100 |       |        |
| 120070 |        |        |       |        |
| 160070 |        |        |       |        |
| 160090 |        |        |       |        |
| 200090 |        |        |       |        |
| 200120 | 002000 | 002100 |       | 002020 |

SpinNet™ SD , UD stand, FLT swivel , Flow YYY , micro-tube length XXX , stabilizer , barb connector to lateral pipe, AD valve 15, Catalog number : **64200** - (any of below 6 digits)

| MODEL  | 15 CM | 30 CM | 60 CM | 90 CM |
|--------|-------|-------|-------|-------|
| 090050 |       |       |       |       |
| 120070 |       |       |       |       |
| 160070 |       |       |       |       |
| 160090 |       |       |       |       |
| 200090 |       |       |       |       |
| 200120 |       |       |       |       |

SpinNet™ SD , UD stand, FLT swivel , Flow YYY , micro-tube length XXX , stabilizer , press-fit connector to lateral pipe, AD valve 20, Catalog number : **64200** - (any of below 6 digits)

| MODEL  | 15 CM  | 30 CM  | 60 CM | 90 CM  |
|--------|--------|--------|-------|--------|
| 090050 | 001110 |        |       |        |
| 120070 | 001305 | 001310 |       | 001380 |
| 160070 |        | 001520 |       |        |
| 160090 |        | 001655 |       |        |
| 200090 |        |        |       |        |
| 200120 |        | 002080 |       | 002030 |

SpinNet™ SD , UD stand, FLT swivel , Flow YYY , micro-tube length XXX , stabilizer , press-fit connector to lateral pipe, AD valve 15, Catalog number : **64200** - (any of below 6 digits)

| MODEL  | 15 CM | 30 CM  | 60 CM  | 90 CM |
|--------|-------|--------|--------|-------|
| 090050 |       |        |        |       |
| 120070 |       |        | 001350 |       |
| 160070 |       |        |        |       |
| 160090 |       |        | 001670 |       |
| 200090 |       |        |        |       |
| 200120 |       | 001970 | 001980 |       |

SpinNet™ SD , UD stand, SR swivel , Flow YYY , micro-tube length XXX , stabilizer , barb connector to lateral pipe, AD valve 20 ,Catalog number : **64200** - (any of below 6 digits)

| MODEL  | 15 CM  | 30 CM  | 60 CM | 90 CM |
|--------|--------|--------|-------|-------|
| 090050 | 031960 | 031980 |       |       |
| 120070 |        |        |       |       |
| 160070 |        |        |       |       |
| 160090 |        |        |       |       |
| 200090 |        |        |       |       |
| 200120 |        |        |       |       |

SpinNet™ SD , UD stand, SR swivel , Flow YYY , micro-tube length XXX , stabilizer , press-fit connector to lateral pipe , AD valve 20 ,Catalog number : **64200** - (any of below 6 digits)


| MODEL  | 15 CM  | 30 CM  | 60 CM | 90 CM |
|--------|--------|--------|-------|-------|
| 090050 |        |        |       |       |
| 120070 |        | 032050 |       |       |
| 160070 |        |        |       |       |
| 160090 | 033050 |        |       |       |
| 200090 |        |        |       |       |
| 200120 |        |        |       |       |


Missing catalog numbers available upon request.


Background color defines the code color of the respective swivel. All assembly stands include 4\*6.5 mm gray SSPE micro-tube.

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

## SPINNET™ SD COMPONENTS

| SPINNET™ BODY NOZZLE |  |
|----------------------|---|
| 90 l/h, Orange       | 64220-004100  |
| 120 l/h, Red         | 64220-004200  |
| 160 l/h, Brown       | 64220-004250  |
| 200 l/h, Yellow      | 64220-004300  |

| SPINNET™ SD (SHOULDER DISTRIBUTOR) DEVICE |  |
|---|---|
| 090/050 Orange                            | 63000-014250  |
| 120/070 Red                               | 63000-014300  |
| 160/090 Brown                             | 63000-014350  |
| 200/120 Yellow                            | 63000-014400  |

| SPINNET™ DISTRIBUTION MECHANISM                 |  |
|---|---|
| LR, long range distribution model, Green swivel | 64200-001020  |
| FLT, flat distribution model, Gray swivel       | 64200-001000  |
| SR, short range distribution model, Blue swivel | 64200-001030  |



## VIBRONET™

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### APPLICATIONS

Germination tables.

### SPECIFICATIONS

- Bridgeless micro emitter with vibrating action.
- Micro-emitter, 2 different flow rates: 40, 50 l/h.  
Nominal flow rates at 3.0 bar pressure.
- Recommended working pressure: 3.0 bar.
- Recommended filtration : 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, pre treatment will be applied according to Netafim™ expert team's instructions.
- Inlet connector: press fit.

### FEATURES AND BENEFITS

- Excellent uniformity distribution on a full coverage irrigation system.
- Operation of this emitter is based on vibration, water passage through the nozzle causes needle vibration which in turn breaks up the water jet into uniform droplets that are evenly spread.
- Constantly self-cleaning, the vibrating system does not allow for build up of mineral deposits in the nozzle.
- Micro-emitter made of plastic materials resistant to all agrochemicals & weather conditions.
- Strongly recommended to connect the VibroNet™ to the distribution pipe with a SSPE (super soft PE) micro-tube, a purpose-designed weight and AD valve (anti-drain) to prevent distribution pipe drainage.

## VIBRONET™ TECHNICAL DATA

| MODEL | FLOW RATE (L/H)* | NOZZLE CODE COLOR | PIN CODE COLOR | NOZZLE WATER PASSAGES AREA (MM²) | RECOMMENDED WORKING PRESSURE (BAR) | CONSTANT K | EXPONENT X | WETTED DIAMETER 150 CM ABOVE GROUND* (M) |
|-------|------------------|-------------------|----------------|----------------------------------|------------------------------------|------------|------------|--|
| 040   | 40.0             | Blue              | Gray           | 0.60                             | 3.0                                | 8.6        | 0.45       | 4.0                                      |
| 050   | 47.0             | Green             | Gray           | 0.71                             | 3.0                                | 9.5        | 0.47       | 4.0                                      |

\* at 3.0 bar working pressure

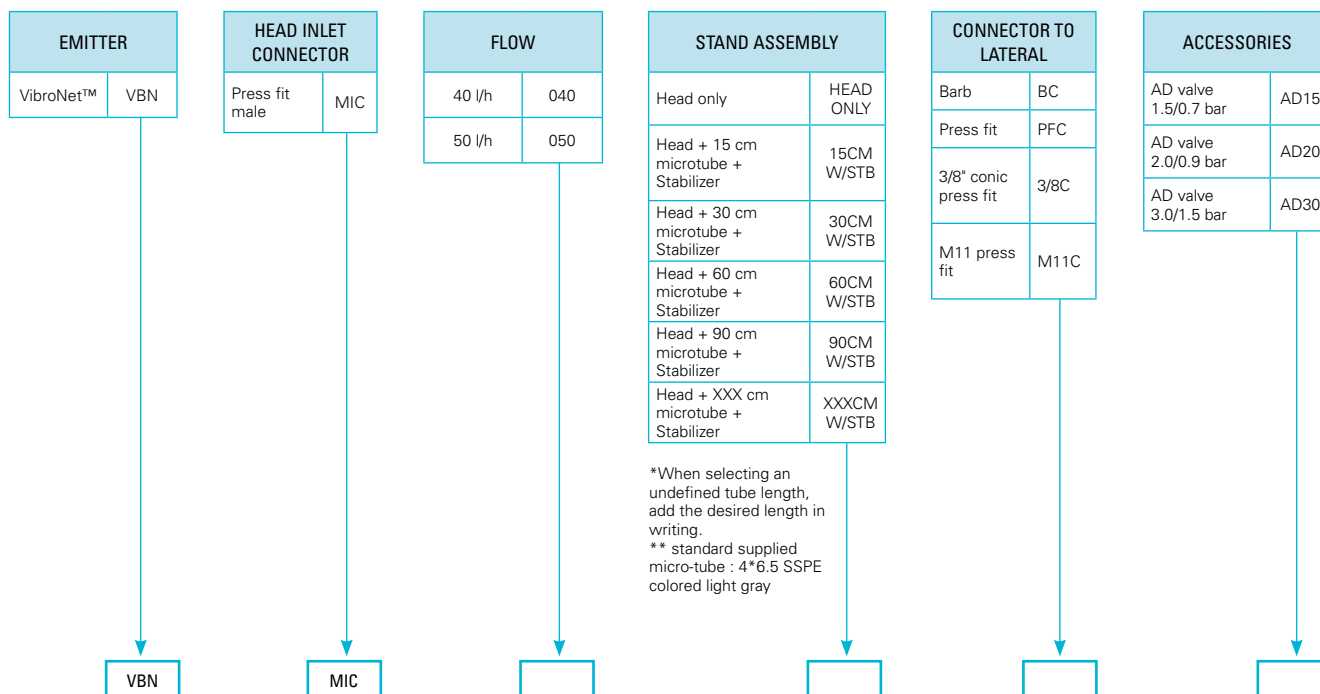
## PACKAGING DATA

| VIBRONET™  | QUANTITY 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  | 3200                 | 28 x 28 x 57            | 19.2            | 32             | 102400               | 614                |
| Complete stand, 15 cm tube w/stabilizer and AD valve | 250                  | 28 x 28 x 57            | 15.1            | 32             | 8000                 | 484                |
| Complete stand, 30 cm tube w/stabilizer and AD valve | 200                  | 28 x 28 x 57            | 15.0            | 32             | 6400                 | 480                |
| Complete stand, 60 cm tube w/stabilizer and AD valve | 150                  | 18 x 34 x 79            | 11.5            | 20             | 3000                 | 230                |
| Complete stand, 90 cm tube w/stabilizer and AD valve | 200                  | 28 x 27 x 113           | 15.0            | 16             | 3200                 | 240                |

## VIBRONET™

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.



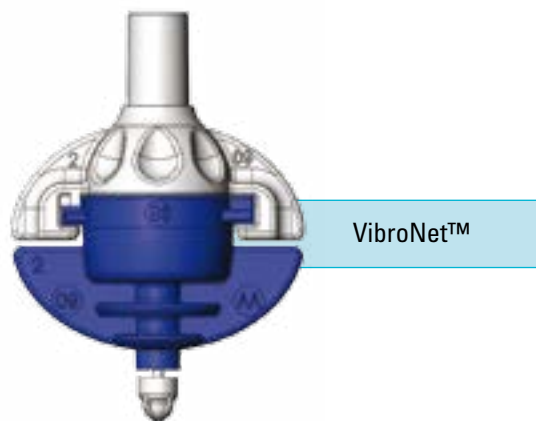


### VIBRONET™

Head only

Catalog number : **64300** - (any of below 6 digits)

| MODEL | 1 UNIT | 25 UNIT/BAG |
|-------|--------|-------------|
| 040   | 001000 | 001010      |
| 050   | 005000 | 005010      |



### VIBRONET™

Head + AD valve 20

Catalog number : **64300** - (any of below 6 digits)

| MODEL | 1 UNIT | 25 UNIT/BAG |
|-------|--------|-------------|
| 040   | 001070 | 001080      |
| 050   |        | 005110      |

### VIBRONET™ ASSEMBLY STANDS

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

Catalog number : **64300** - (any of below 6 digits)

| MODEL | 15 CM  | 30 CM  | 60 CM  | 90 CM  |
|-------|--------|--------|--------|--------|
| 040   | 001600 | 002400 | 003400 | 003700 |
| 050   |        |        | 005120 |        |

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

Catalog number : **64300** - (any of below 6 digits)

| MODEL | 15 CM  | 30 CM  | 60 CM  | 90 CM |
|-------|--------|--------|--------|-------|
| 040   | 001700 | 002500 | 003500 |       |
| 050   |        |        |        |       |

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

Catalog number : **64300** - (any of below 6 digits)

| MODEL | 15 CM  | 30 CM  | 60 CM  | 90 CM |
|-------|--------|--------|--------|-------|
| 040   | 001200 | 002000 | 003000 |       |
| 050   |        |        |        |       |

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

Catalog number : **64300** - (any of below 6 digits)

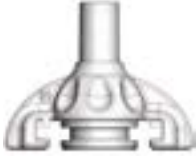
| MODEL | 15 CM  | 30 CM  | 60 CM  | 90 CM |
|-------|--------|--------|--------|-------|
| 040   | 001300 | 002100 | 003100 |       |
| 050   |        |        |        |       |


Missing catalog numbers available upon request.


Background color defines the code color of the respective pin. All assembly stands include 4\*6.5 mm gray SSPE micro-tube.

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

## VIBRONET™ COMPONENTS

|   |   |
|---|---|
| <p>VIBRONET™ BODY</p>                   |  |
| <p>Catalog Number:<br/>64320-003000</p> |   |

|   |   |
|---|---|
| <p>VIBRONET™ "O" RING</p>               |  |
| <p>Catalog Number:<br/>63520-005700</p> |   |

|                                       |   |
|---------------------------------------|---|
| <p>VIBRONET™ NOZZLE<br/>MECHANISM</p> |  |
| <p>040 Blue + Gray pin</p>            | <p>64320-004300</p>   |
| <p>050 Green + Gray pin</p>           | <p>64320-004400</p>   |



## COOLNET™ PRO

### SUPER-FINE MISTER



#### APPLICATIONS

Super-fine static mister especially designed for cooling and humidifying greenhouses and livestock, and for irrigating over rooting tables.

#### SPECIFICATIONS

- Bridgeless design.
- Static mister, 3 different flow rates: 5.5, 7.5, 14.0 l/h and a plugged nozzle.  
Nominal flow rates at 4.0 bar pressure.
- Pressure range 3.0 - 5.0 bar.
- Recommended filtration : 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, pre treatment will be applied according to Netafim™ expert team's instructions.
- Inlet connector:  
Press fit
- 3 different configurations:  
Cross, 4 nozzles  
"T" , 2 nozzles  
Straight, 1 nozzle
- The nozzles are code color colored:  
5.5 l/h Light Green  
7.5 l/h Silver Gray  
14.0 l/h Sky Blue  
Plugged nozzle: Orange

#### FEATURES AND BENEFITS

- Bridgeless design eliminates dripping.
- Interchangeable components.
- 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.
- Micro sized droplets, at a relatively low pressure of 4.0 bar the CoolNet™ Pro uniformly distributes an average drop size of 65 micron.
- Specially designed for cooling, humidifying and rooting tables.
- Strongly recommended to connect the CoolNet™ Pro to the distribution pipe with a SSPE (super soft PE) micro-tube, a specifically designed stabilizer and AD valve (anti-drain) that will prevent distribution pipe drainage.

## COOLNET™ PRO TECHNICAL DATA

| MODEL | NOZZLE CODE COLOR | NOZZLE SIZE (MM) | RECOMMENDED WORKING PRESSURE (BAR) | CONSTANT K | EXPONENT X |
|-------|-------------------|------------------|------------------------------------|------------|------------|
| 055   | Light Green       | 0.51             | 4.0 to 5.0                         | 1.03       | 0.45       |
| 075   | Silver Gray       | 0.61             | 4.0 to 5.0                         | 1.40       | 0.45       |
| 140   | Sky Blue          | 0.88             | 4.0 to 5.0                         | 2.66       | 0.45       |

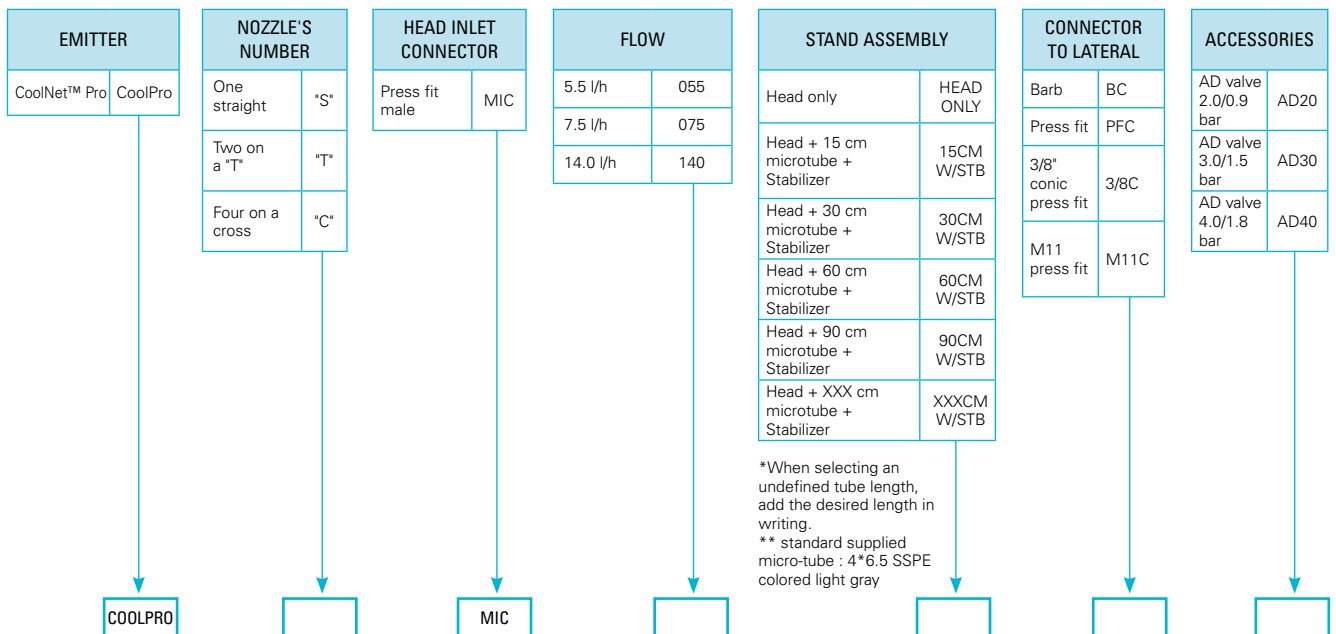
## PACKAGING DATA

| COOLNET™ PRO                                   | QUANTITY P/BOX UNITS | BOX SIZE (CM X CM X CM) | BOX WEIGHT (KG) | BOXES P/PALLET | TOTAL UNITS P/PALLET | PALLET WEIGHT (KG) |
|--|----------------------|-------------------------|-----------------|----------------|----------------------|--------------------|
| Head , cross unit with male conn               | 750                  | 18 x 34 x 79            | 11.0            | 20             | 15000                | 220                |
| Complete stand (30 cm) w/stabilizer & AD valve | 125                  | 28 x 28 x 57            | 8.4             | 32             | 4000                 | 269                |
| Complete stand (60 cm) w/stabilizer & AD valve | 100                  | 18 x 34 x 79            | 8.2             | 20             | 2000                 | 185                |
| Head , T unit with male conn                   | 1000                 | 28 x 28 x 57            | 14.8            | 32             | 32000                | 474                |
| Complete stand (30 cm) w/stabilizer & AD valve | 150                  | 28 x 28 x 57            | 9.9             | 32             | 4800                 | 317                |
| Complete stand (60 cm) w/stabilizer & AD valve | 100                  | 18 x 34 x 79            | 8.2             | 20             | 2000                 | 173                |
| Head , one outlet                              | 5000                 | 18 x 34 x 79            | 21.5            | 20             | 100000               | 430                |

## COOLNET™ PRO

Flowchart to determine the desired product definition

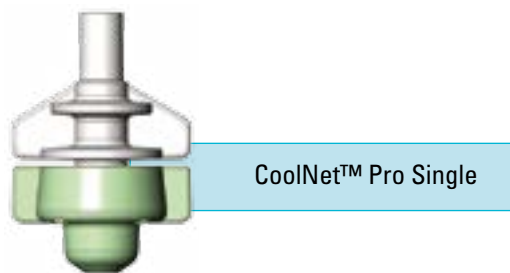
How to use: To determine the desired product definition select one of every set of options displayed on the chart.



## COOLNET™ PRO

Head only (with male inlet connector)  
Catalog number: **63100** - (any of below 6 digits )

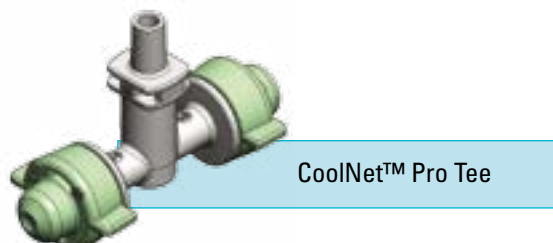
| MODEL | SINGLE | TEE    | CROSS  |
|-------|--------|--------|--------|
|       | "S"    | "T"    | "C"    |
| 055   | 048600 | 050000 | 052000 |
| 075   | 054000 | 056300 | 058300 |
| 140   | 055900 | 055950 | 055980 |



## COOLNET™ PRO

head + AD valve 40  
Catalog number: **63100** - (any of below 6 digits )

| MODEL | SINGLE | TEE    | CROSS  |
|-------|--------|--------|--------|
|       | "S"    | "T"    | "C"    |
| 055   | 049420 | 050010 | 052200 |
| 075   |        |        | 058500 |
| 140   | 056330 | 059420 | 055985 |



## COOLNET™ PRO ASSEMBLY STANDS

CoolNet™ Pro , UD stand, model "S" , Flow YYY , micro-tube length XXX , stabilizer , barb connector to lateral pipe , AD valve 40 , Catalog number : **63100** - (any of below 6 digits)

| MODEL | 15 CM  | 30 CM  | 60 CM | 90 CM |
|-------|--------|--------|-------|-------|
| 055   | 049000 | 049400 |       |       |
| 075   | 054300 | 055100 |       |       |
| 140   |        |        |       |       |

CoolNet™ Pro , UD stand, model "S" , Flow YYY , micro-tube length XXX , stabilizer , press-fit connector to lateral pipe , AD valve 40 , Catalog number : **63100** - (any of below 6 digits)

| MODEL | 15 CM  | 30 CM  | 60 CM | 90 CM |
|-------|--------|--------|-------|-------|
| 055   |        |        |       |       |
| 075   | 054600 | 055800 |       |       |
| 140   |        |        |       |       |

CoolNet™ Pro , UD stand, model "T" , Flow YYY , micro-tube length XXX , stabilizer , barb connector to lateral pipe , AD valve 40 , Catalog number : **63100** - (any of below 6 digits)

| MODEL | 15 CM  | 30 CM  | 60 CM | 90 CM |
|-------|--------|--------|-------|-------|
| 055   | 050300 | 050700 |       |       |
| 075   | 056700 | 057100 |       |       |
| 140   |        |        |       |       |

CoolNet™ Pro , UD stand, model "T" , Flow YYY , micro-tube length XXX , stabilizer , press-fit connector to lateral pipe , AD valve 40 , Catalog number : **63100** - (any of below 6 digits)

| MODEL | 15 CM | 30 CM  | 60 CM  | 90 CM |
|-------|-------|--------|--------|-------|
| 055   |       | 050900 | 051100 |       |
| 075   |       | 057300 |        |       |
| 140   |       |        |        |       |



CoolNet™ Pro , UD stand, model "C" , Flow YYY , micro-tube length XXX , stabilizer , barb connector to lateral pipe, AD valve 40 , Catalog number : **63100** - (any of below 6 digits)

| MODEL | 15 CM  | 30 CM  | 60 CM  | 90 CM  |
|-------|--------|--------|--------|--------|
| 055   | 052400 | 053100 | 053960 | 053980 |
| 075   | 058900 | 059600 | 069960 |        |
| 140   |        |        |        |        |

CoolNet™Pro , UD stand, model "C" , Flow YYY , micro-tube length XXX , stabilizer , press-fit connector to lateral pipe , AD valve 40 , Catalog number : **63100** - (any of below 6 digits)

| MODEL | 15 CM  | 30 CM  | 60 CM  | 90 CM  |
|-------|--------|--------|--------|--------|
| 055   | 052700 | 053500 | 053965 |        |
| 075   | 059200 | 060000 | 070200 |        |
| 140   | 055990 | 055991 |        | 071010 |

Missing catalog numbers available upon request. All assembly stands include 4\*6.5 mm gray SSPE micro-tube.  
Other stand combinations can be ordered based on the attached flowchart which can help determine the desired product requirement.



## MISTNET™

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### APPLICATIONS

Fine static mister especially designed for under canopy cooling and humidifying greenhouses.

### SPECIFICATIONS

- Bridgeless design eliminates dripping.
- Static mister, 2 flow rates: 15, 25 l/h.  
Nominal flow rates at 2.7 bar pressure.
- Pressure range 2.5 to 5.0 bar.
- Recommended filtration : 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, pre treatment will be applied according to Netafim™ expert team's instructions.
- Inlet connectors:  
Press fit
- the nozzles are code color colored:  
15.0 l/h Yellow  
25.0 l/h Brown

### FEATURES AND BENEFITS

- Bridgeless design eliminates dripping.
- Interchangeable components.
- 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.
- Micro sized droplets, at a relatively low pressure of 3.0 bar the MistNet™ uniformly distributes an average drop size of 150 micron.
- Specially designed for under canopy cooling and humidifying systems.

## MISTNET™ TECHNICAL DATA

| MODEL | NOZZLE CODE COLOR | NOZZLE SIZE DIA.<br>(MM) | CONSTANT<br>K | EXPONENT<br>X | RECOMMENDED WORKING PRESSURE<br>(BAR) |
|-------|-------------------|--------------------------|---------------|---------------|---------------------------------------|
| 015   | Yellow            | 1.10                     | 3.30          | 0.46          | 3.0                                   |
| 025   | Brown             | 1.30                     | 5.40          | 0.46          | 3.0                                   |

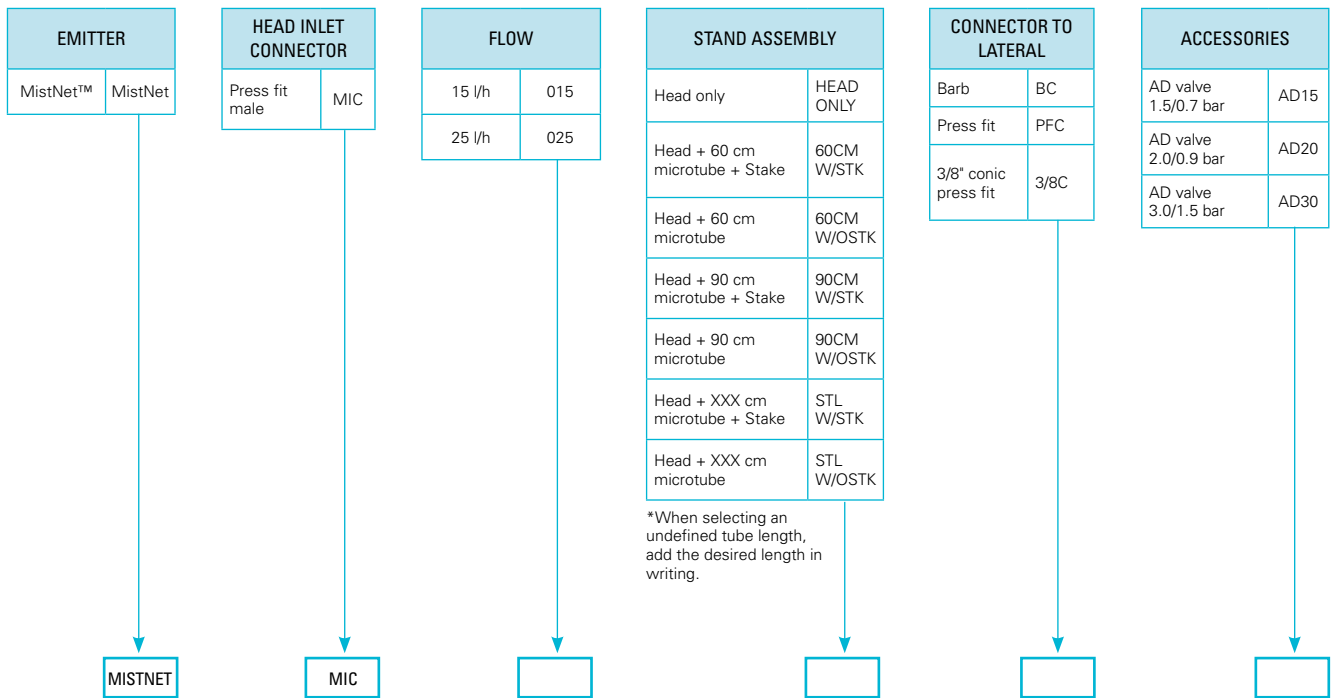
## PACKAGING DATA

| MISTNET™                             | QUANTITY P/BOX UNITS | BOX SIZE<br>(CM X CM X CM) | BOX WEIGHT<br>(KG) | BOXES P/PALLET | TOTAL UNITS P/PALLET | PALLET WEIGHT<br>(KG) |
|--------------------------------------|----------------------|----------------------------|--------------------|----------------|----------------------|-----------------------|
| Head only                            | 4500                 | 18 x 34 x 79               | 19.5               | 20             | 90000                | 390                   |
| Complete stand, 60 cm tube w/stake   | 100                  | 18 x 34 x 79               | 7.3                | 20             | 2000                 | 159                   |
| Complete stand, 60 cm tube w/o stake | 300                  | 18 x 34 x 79               | 15.8               | 20             | 6000                 | 329                   |
| Complete stand, 90 cm tube w/stake   | 150                  | 28 x 27 x 113              | 6.8                | 16             | 2400                 | 193                   |
| Complete stand, 90 cm tube w/o stake | 300                  | 28 x 27 x 113              | 13.8               | 16             | 4800                 | 221                   |

## MISTNET™

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.

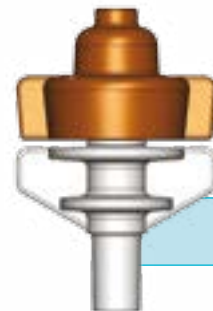


## MISTNET™

Head only (with male inlet connector)

Catalog number: **63100** - (any of below 6 digits)

| MODEL | SINGLE | SINGLE           |
|-------|--------|------------------|
|       | "S"    | "S" 100units/bag |
| 015   | 040100 | 040120           |
| 025   | 040000 | 040020           |




MistNet™


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


## COOLNET™ PRO AND MISTNET™ COMPONENTS

|                         |   |
|-------------------------|---|
| COOLNET™ PRO CROSS BODY |  |
| 63120-001700            |   |


|                       |   |
|-----------------------|---|
| COOLNET™ PRO "T" BODY |  |
| 63120-001500          |   |


|                                    |   |
|------------------------------------|---|
| COOLNET™ PRO AND MISTNET™ "S" BODY |  |
| 63120-001600                       |   |


|                               |   |
|-------------------------------|---|
| COOLNET™ PRO NOZZLE           |  |
| 5.5 Light Green: 63120-003000 |   |
| 7.5 Silver Gray: 63120-003200 |   |
| 14.0 Sky Blue: 63120-003300   |   |

|                                      |   |
|--------------------------------------|---|
| COOLNET™ PRO PLUGGED NOZZLE          |  |
| Plugged nozzle, Orange: 63120-001850 |   |






















|                           |   |
|---------------------------|---|
| MISTNET™ NOZZLE           |  |
| 15.0 Yellow: 63120-004000 |   |
| 25.0 Brown: 63120-002500  |   |

|                                    |  |
|------------------------------------|--|
| COOLNET™ PRO AND MISTNET™ "O" RING |  |
| 63120-001050                       |  |

|                                    |  |
|------------------------------------|--|
| COOLNET™ PRO AND MISTNET™ DIFFUSER |  |
| 63120-001800                       |  |

|  |  |
|--|--|
| MALE/MALE CONNECTOR , COLORED LIGHT GRAY |  |
| 63000-001450                             |  |

## MICRO-SPRINKLERS AND MICRO-EMITTERS UPSIDE-DOWN STANDS COMPLEMENTARY ACCESSORIES

|   |   |   |   |  |   |
|---|---|---|---|--|---|
| <p><b>AD VALVE , MALE/FEMALE</b></p> <p>Blue pin – 1.5 bar/0.7 bar<br/>63000-002980</p> <p>Purple pin – 2.0 bar/0.9 bar<br/>63000-003000</p> <p>Green pin – 3.0 bar/1.5 bar<br/>63000-003100</p> <p>Orange pin – 4.0 bar/1.8 bar<br/>63000-003200</p>                                       |    | <p><b>STABILIZER</b></p> <p>63000-002910</p>  |    | <p><b>M11 THREADED/FEMALE CONNECTOR (GRAY) + ASSEMBLY FINGER FILTER</b></p> <p>63000-002180</p>  |    |
| <p><b>AD VALVE , BARB/BARB</b></p> <p>Blue pin – 1.5 bar/0.7 bar<br/>63000-003303</p> <p>Purple pin – 2.0 bar/0.9 bar<br/>63000-003305</p> <p>Green pin – 3.0 bar/1.5 bar<br/>63000-003310</p> <p>Orange pin – 4.0 bar/1.8 bar<br/>63000-003315</p>   |    | <p><b>BARB/FEMALE CONNECTOR (GRAY)</b></p> <p>63000-001950</p>  |    | <p><b>PLUG (BLUE)</b></p> <p>63000-002400</p>  |    |
| <p><b>AD VALVE , 3/8" CONIC THREADED/BARB</b></p> <p>Blue pin – 1.5 bar/0.7 bar<br/>63000-003250</p> <p>Purple pin – 2.0 bar/0.9 bar<br/>63000-003230</p> <p>Green pin – 3.0 bar/1.5 bar<br/>63000-003270</p> <p>Orange pin – 4.0 bar/1.8 bar<br/>63000-003290</p>                          |                     | <p><b>BARB/MALE CONNECTOR (GRAY)</b></p> <p>63000-002060</p>  |    | <p><b>BARBED PRESSURE MEASURING POINT</b></p> <p>63000-002800</p>  |    |
| <p><b>AD VALVE , 3/8" CONIC THREADED/BARB + ASSEMBLY FINGER FILTER</b></p> <p>Blue pin – 1.5 bar/0.7 bar<br/>63000-003260</p> <p>Purple pin – 2.0 bar/0.9 bar<br/>63000-003240</p> <p>Green pin – 3.0 bar/1.5 bar<br/>63000-003280</p> <p>Orange pin – 4.0 bar/1.8 bar<br/>63000-003295</p> |  | <p><b>BARB/BARB CONNECTOR (GRAY)</b></p> <p>63000-001350</p>  |    | <p><b>1/4" UNF MALE THREADED, PRESSURE MEASURING POINT. ON A PVC PIPE, DRILL: 5.2 MM SCREW-TAP: 1/4-28 UNF</b></p> <p>63000-002700</p> |   |
| <p><b>FINGER FILTER</b></p> <p>63000-001060</p>   |    | <p><b>MALE/MALE CONNECTOR (GRAY)</b></p> <p>63000-001450</p>  |    | <p><b>1/8" BSP MALE THREADED, PRESSURE MEASURING POINT. ON A PVC PIPE, DRILL: 8.5 MM SCREW-TAP: 1/8-28 BSP</b></p> <p>63000-002750</p> |  |
| <p><b>BARB/FLAT FEMALE CONNECTOR</b></p> <p>63000-002450</p>  |    | <p><b>3/8" CONIC THREADED/ FEMALE CONNECTOR (GRAY)</b></p> <p>63000-002120</p>                          |                    | <p><b>SCREEN FILTER CONNECTOR</b></p> <p>63000-003400</p>  |    |
| <p><b>BARB/FLAT FEMALE CONNECTOR</b></p> <p>63000-002450</p>  |    | <p><b>3/8" CONIC THREADED/ FEMALE CONNECTOR (GRAY) + ASSEMBLY FINGER FILTER</b></p> <p>63000-002140</p> |  | <p><b>"T" FEMALE/FEMALE/ FEMALE (GRAY)</b></p> <p>63000-000910</p>   |    |
| <p><b>BARB/FLAT FEMALE CONNECTOR</b></p> <p>63000-002450</p>  |    | <p><b>M11 THREADED/FEMALE CONNECTOR (GRAY)</b></p> <p>63000-002170</p>                                  |   | <p><b>MALE/MALE ADAPTER TO "DAN" STANDS (BLUE)</b></p> <p>63000-002600</p>   |    |
| <p><b>BARB/FLAT FEMALE CONNECTOR</b></p> <p>63000-002450</p>  |    | <p><b>M11 THREADED/FEMALE CONNECTOR (GRAY)</b></p> <p>63000-002170</p>                                  |   | <p><b>FEMALE/FEMALE ADAPTER TO "DAN" STANDS (BLUE)</b></p> <p>63000-002510</p>   |    |





## GYRONET™ TURBO

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### APPLICATIONS

- Closed and open-air nurseries.
- Intensive field crops.
- Overhead cooling.
- Roof and tunnel cooling and dust cleaning.

### BENEFITS AND FEATURES

#### Higher and better yields

- The GyroNet™ Turbo has a unique design of the sprinkler's rotor water channel, and a special shape of the bridge, that provides very high water distribution uniformity

#### Saves labor cost and multiple expenses on maintenance

- Higher reliability  
The GyroNet™ Turbo is made of a superior raw material composition resistant the chemicals, fertilizers, and sun exposure.
- Guarantees lower maintenance and repair cost.  
The GyroNet™ Turbo has anti-insect mechanism that is opened only during irrigation, and protects the nozzle.

### SPECIFICATIONS

- Very robust micro-sprinkler.
- Micro-sprinkler, 5 different flow rates: 200, 250, 300, 400, 500 l/h.  
Nominal flow rates at 2.2 bar pressure.
- Maximum recommended working pressure: 3.0 bar.
- Recommended filtration : 200 micron / 80 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, pre treatment will be applied according to Netafim™ expert team's instructions.
- Inlet connector:  
1/2" threaded male
- The rotor is colored Purple.

## PERFORMANCE TABLE

| NOZZLE SIZE<br>(MM) | CODE COLOR | WORKING<br>PRESSURE<br>(BAR) | FLOW RATE<br>(L/H) | WETTED<br>DIAMETER*<br>(M) | PRECIPITATION (MM/H) |       |       |       |       |
|---------------------|------------|------------------------------|--------------------|----------------------------|----------------------|-------|-------|-------|-------|
|                     |            |                              |                    |                            | SPACING (M X M)      |       |       |       |       |
|                     |            |                              |                    |                            | 4 x 6                | 5 x 6 | 6 x 6 | 7 x 6 | 7 x 7 |
| 1.89                | Yellow     | 2.0                          | 190                | 9.5                        | 8.0                  | 6.4   | 5.3   | 4.6   | 3.9   |
|                     |            | 2.5                          | 213                | 10.0                       | 9.0                  | 7.2   | 6.0   | 5.1   | 4.4   |
|                     |            | 3.0                          | 233                | 10.0                       | 9.8                  | 7.8   | 6.5   | 5.6   | 4.8   |
| 2.14                | Purple     | 2.0                          | 244                | 10.0                       | 10.3                 | 8.2   | 6.8   | 5.9   | 5.0   |
|                     |            | 2.5                          | 273                | 10.0                       | 11.5                 | 9.2   | 7.7   | 6.6   | 5.6   |
|                     |            | 3.0                          | 299                | 10.0                       | 12.5                 | 10.0  | 8.3   | 7.1   | 6.1   |
| 2.31                | Green      | 2.0                          | 287                | 10.0                       | 12.0                 | 9.6   | 8.0   | 6.9   | 5.9   |
|                     |            | 2.5                          | 321                | 11.0                       | 13.5                 | 10.8  | 9.0   | 7.7   | 6.6   |
|                     |            | 3.0                          | 351                | 11.0                       | 14.8                 | 11.8  | 9.8   | 8.4   | 7.2   |
| 2.67                | Blue       | 2.0                          | 388                | 12.0                       | 16.5                 | 13.2  | 11.0  | 9.4   | 8.1   |
|                     |            | 2.5                          | 434                | 12.0                       | 18.5                 | 14.8  | 12.3  | 10.6  | 9.1   |
|                     |            | 3.0                          | 475                | 12.0                       | 20.3                 | 16.2  | 13.5  | 11.6  | 9.9   |
| 3.00                | Blue       | 2.0                          | 485                | 12.0                       | 20.3                 | 16.2  | 13.5  | 11.6  | 9.9   |
|                     |            | 2.5                          | 543                | 12.5                       | 22.8                 | 18.2  | 15.2  | 13.0  | 11.1  |
|                     |            | 3.0                          | 594                | 12.5                       | 24.8                 | 19.8  | 16.5  | 14.1  | 12.1  |

\* at least 0.5 mm/h


\*\*Performance table prepared under laboratory conditions, sprinkler head 1.0 meter above ground

CU = or > than 92%   CU = or > 88% and < 92%   CU = or > 86% and < 88%   CU < 86%

## GYRONET™ TURBO CATALOG NUMBERS

Head only

Catalog number: **64100** - (any of below 6 digits )

| MODEL | 1 UNIT | 25 UNITS/BAG | 100 UNITS/BAG | SPRINKLER ILLUSTRATION   |
|-------|--------|--------------|---------------|--|
| 200   | 002040 | 002010       | 002070        |  |
| 250   | 003050 |              | 003080        |  |
| 300   | 004040 | 004050       | 004070        |  |
| 400   | 004940 |              |               |  |
| 500   | 006000 |              |               |  |


\*Missing catalog numbers available upon request

## GYRONET™ TURBO COMPONENTS

|                                    |   |              |                          |   |              |   |   |              |
|------------------------------------|---|--------------|--------------------------|---|--------------|---|---|--------------|
| GYRONET™<br>TURBO UPPER<br>BEARING |  | 64120-001750 | GYRONET™<br>TURBO BRIDGE |  | 64120-002000 | GYRONET™ TURBO<br>SWIVEL + ASSEMBLY<br>SLEEVE |  | 64120-001575 |
|------------------------------------|---|--------------|--------------------------|---|--------------|---|---|--------------|

## GYRONET™ TURBO nozzles



Catalog number : **64120** - (any of below 6 digits)

| GYRONET™ TURBO<br>BODY NOZZLE |  |
|-------------------------------|---|
| 200, Yellow                   | 001000  |
| 250, Purple                   | 001100  |
| 300, Green                    | 001200  |
| 400, Blue                     | 001280  |
| 500, Brown                    | 001350  |

## PACKAGING DATA

| GYRONET™ TURBO                    | QUANTITY 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                         | 500                  | 18 x 34 x 79            | 10.4            | 20             | 10000                | 220                |
| Complete stand (120 cm) w/o stake | 75                   | 17 x 26 x 139           | 9.5             | 15             | 1125                 | 153                |

## COMPLEMENTARY PRODUCTS

| PRODUCT DESCRIPTION                  | CATALOG NUMBER | CONNECTOR ILLUSTRATIONS   |
|--------------------------------------|----------------|---|
| SOCKET 1/2" FTH - 1/2" FTH           | 65080-004500   |  |
| SPR ADAP 1" AND 3/4" FTH TO 1/2" FTH | 60101-000501   |  |

## SPRINKLER STANDS

|  |   |   |   |              |  |
|--|---|---|---|--------------|--|
| MEGA-RISER 1/2" 0.4 M LENGTH 1/2" MTH - 1/2" FTH |   | MEGA-SUPPORTING ARM                     |   | MEGA-BASE    |  |
| 64520-002490                                     |   | 64520-002485                            |   | 64520-002480 |  |
| IMP SPR STAND 9*12 120CM W/OSTK F&S PE           |  | IMP SPR STAND 9*12 120CM W/OSTK F&S FLX |  |              |  |
| 64520-004900                                     |   | 64520-004910                            |   |              |  |

For additional information on sprinklers stands and assembly instructions please review GyroNet™ Turbo user manual

|                                  |   |
|----------------------------------|---|
| FORK STAND 1.0 M COMPLETE FOR PE |  |
| 60101-000400                     |   |
| FORK STAND 0.5 M COMPLETE FOR PE |   |
| 60101-000401                     |   |

\*This can be installed with GyroNet Turbo up to 400 l/h









## MEGANET™ 15D

### 15 DEGREES ROTATING IMPACT SPRINKLER



#### APPLICATIONS

For under tree irrigation and shade/net houses.

For vegetables and open field crops, open field nurseries, crops germination, frost mitigation, cooling fruit orchards and roof dust cleaning.

#### BENEFITS AND FEATURES

##### Ensures high and uniform yield

- The MegaNet™ has symmetric structure that allows the water split to two equal water jets, that contribute to a balanced sprinkler, providing very high water distribution uniformity.

##### Increased germination percentage

- Thanks to the gentle water jet, and relatively small drops near the ground, the MegaNet™ does not groove the soil along the whole irrigation event (including startup and shut off), which prevents from the seed to be exposed out of the soil.

##### Reduced maintenance cost

- The MegaNet™ has a popup mechanism and it opened only during irrigation, this mechanism protects the nozzle and protect the sprinkler's moving parts, by preventing insects and dirt particles to get inside the sprinkler.
- Each MegaNet™ sprinkler has an integral filter that ensures clean water inside the nozzle. In addition, this filter can be easily cleaned if needed.
- Extended product life achieved by superior raw material composition resistant the chemicals, fertilizers, and sun exposure.

#### SPECIFICATIONS

- 7 different nominal flow rates: 200, 250, 350, 450, 550, 650, 750 l/h.  
Nominal flow rates at 2.3 bar pressure.
- Recommended working pressure: 2.0 to 3.0 bar (at the sprinkler head).
- Recommended filtration: 400 micron / 40 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, pre treatment will be applied according to Netafim™ expert team's instructions.
- Can be installed on solid sets or in removable field stands.
- Made of UV-protected materials, durable to all climate conditions and nutrients injected in agricultural applications.
- Water trajectory: 15 degrees
- Inlet connector:
  - 1/2" Threaded inlet connector
  - 20 MM ISO inlet connector (to be glued to PVC)
  - 1/2" ASTM inlet connector (to be glued to PVC)
- Code colored locking pins and caps for easy identification.
- 2 balanced water jets.
- Individual filter in each sprinkler.
- MegaNet™ sprinklers meet ISO 8026 standards (SI 1406) with production certified by the Israel Standards Institute (SII).



## PERFORMANCE TABLE

| NOZZLE SIZE (MM) | CODE COLOR | WORKING PRESSURE (BAR) | FLOW RATE (L/H) | WETTED DIAMETER* (M) | PRECIPITATION (MM/H) |       |        |       |         |         |         |
|------------------|------------|------------------------|-----------------|----------------------|----------------------|-------|--------|-------|---------|---------|---------|
|                  |            |                        |                 |                      | SPACING (M X M)      |       |        |       |         |         |         |
|                  |            |                        |                 |                      | 7 X 8                | 8 X 8 | 8 X 10 | 9 X 9 | 10 X 10 | 10 X 11 | 10 X 12 |
| 1.85             | Yellow     | 2.5                    | 210             | 14.0                 | 3.8                  | 3.3   | 2.6    | 2.6   | 2.1     | 1.9     | 1.8     |
|                  |            | 3.0                    | 230             | 14.0                 | 4.1                  | 3.6   | 2.9    | 2.8   | 2.3     | 2.1     | 1.9     |
| 2.06             | Purple     | 2.5                    | 258             | 14.0                 | 4.6                  | 4.0   | 3.2    | 3.2   | 2.6     | 2.3     | 2.2     |
|                  |            | 3.0                    | 283             | 14.0                 | 5.1                  | 4.4   | 3.5    | 3.5   | 2.8     | 2.6     | 2.4     |
| 2.44             | Green      | 2.5                    | 362             | 14.0                 | 6.5                  | 5.7   | 4.5    | 4.5   | 3.6     | 3.3     | 3.0     |
|                  |            | 3.0                    | 396             | 14.0                 | 7.1                  | 6.2   | 5.0    | 4.9   | 4.0     | 3.6     | 3.3     |
| 2.79             | Blue       | 2.5                    | 461             | 16.0                 | 8.2                  | 7.2   | 5.8    | 5.7   | 4.6     | 4.2     | 3.8     |
|                  |            | 3.0                    | 505             | 16.0                 | 9.0                  | 7.9   | 6.3    | 6.2   | 5.1     | 4.6     | 4.2     |
| 3.08             | Brown      | 2.5                    | 553             | 16.0                 | 9.9                  | 8.6   | 6.9    | 6.8   | 5.5     | 5.0     | 4.6     |
|                  |            | 3.0                    | 605             | 16.0                 | 10.8                 | 9.5   | 7.6    | 7.5   | 6.1     | 5.5     | 5.0     |
| 3.37             | Orange     | 2.5                    | 678             | 16.0                 | 12.1                 | 10.6  | 8.5    | 8.4   | 6.8     | 6.2     | 5.7     |
|                  |            | 3.0                    | 743             | 16.0                 | 13.3                 | 11.6  | 9.3    | 9.2   | 7.4     | 6.8     | 6.2     |
| 3.68             | Red        | 2.5                    | 785             | 17.0                 | 14.0                 | 12.3  | 9.8    | 9.7   | 7.9     | 7.1     | 6.5     |
|                  |            | 3.0                    | 860             | 17.0                 | 15.4                 | 13.4  | 10.8   | 10.6  | 8.6     | 7.8     | 7.2     |

\* at least 0.5 mm/h

\*\*Performance table prepared under laboratory conditions, sprinkler head 0.5 meter above ground





CU = or > than 92%    CU = or > 88% and < 92%    CU = or > 86% and < 88%    CU < 86%

## PACKAGING DATA

| MEGANET™  | QUANTITY 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 | 200                  | 18 x 34 x 79            | 11.0            | 20             | 4000                 | 232                |

## MEGANET™ 15D Head only


Catalog number : **63600** - (any of below 6 digits)


| MODEL | 1/2" THREADED INLET CONNECTOR   | 20 MM ISO INLET CONNECTOR   | 1/2" ASTM INLET CONNECTOR  | 1/2" THREADED INLET CONNECTOR + AD  |
|-------|---|---|--|---|
|       |  |  |  |  |
| 200   | 004900  |   |  |   |
| 250   | 004950  |   |  |   |
| 350   | 005000  |   |  |   |
| 450   | 006000  | 010100  | 010500   | 005010  |
| 550   | 007000  | 010200  | 010600   | 006010  |
| 650   | 008000  |   |  |   |
| 750   | 009000  |   |  |   |

Missing catalog numbers available upon request

## MEGANET™ 15D COMPONENTS

Catalog number : **63620** - (any of below 6 digits)




| MODEL | CATALOG NUMBER | SPRINKLER ILLUSTRATION  |
|-------|----------------|---|
| 200   | 007400         |  |
| 250   | 007450         |   |
| 350   | 007500         |   |
| 450   | 007600         |   |
| 550   | 007700         |   |
| 650   | 007800         |   |
| 750   | 007620         |   |

| MODEL | CATALOG NUMBER | SPRINKLER ILLUSTRATION  |
|-------|----------------|---|
| 200   | 008900         |  |
| 250   | 008950         |   |
| 350   | 009000         |   |
| 450   | 009100         |   |
| 550   | 009200         |   |
| 650   | 009300         |   |
| 750   | 009400         |   |



## MEGANET™ 15D COMPONENTS

|   |   |   |   |  |   |
|---|---|---|---|--|---|
| MEGANET™ 1/2" THREADED INLET BODY<br>63620-004200 |  | MEGANET™ C20MM ISO GLUED INLET BODY<br>63620-004190 |  | MEGANET™ C1/2" ASTM GLUED INLET BODY<br>63620-004150 |  |
|---|---|---|---|--|---|





|                                 |   |                                      |   |                                     |   |
|---------------------------------|---|--------------------------------------|---|-------------------------------------|---|
| MEGANET™ FILTER<br>63620-004400 |  | MEGANET™ SERVICE KEY<br>63620-004500 |  | MEGANET™ ROAD GUARD<br>63620-007000 |  |
|---------------------------------|---|--------------------------------------|---|-------------------------------------|---|

| MEGANET™ COLORED CAP | SAP DESCRIPTION           | CATALOG NUMBER |   | MEGANET™ TURBINE<br>MGN TURBINE B GREY TURBINE 50/BAG<br>50 units/bag<br>63620-002110         |   |
|----------------------|---------------------------|----------------|---|---|--|
| 200                  | MGN CAP YELLOW 200 50/BAG | 63620-004860   |  | MEGANET™ LOCKING PIN TURBINE<br>MGN LOCKING PIN GREY B 50/BAG<br>50 units/bag<br>63620-001610 |  |
| 250                  | MGN CAP PURPLE 250 50/BAG | 63620-004910   |   |   |  |
| 350                  | MGN CAP GREEN 350 50/BAG  | 63620-005010   |   |   |  |
| 450                  | MGN CAP BLUE 450 50/BAG   | 63620-005110   |   |   |  |
| 550                  | MGN CAP BROWN 550 50/BAG  | 63620-005210   |   |   |  |
| 650                  | MGN CAP ORANGE 650 50/BAG | 63620-005310   |   |   |  |
| 750                  | MGN CAP RED 750 50/BAG    | 63620-005410   |   |   |  |

## COMPLEMENTARY PRODUCTS

| PRODUCT DESCRIPTION                    | CATALOG NUMBER | CONNECTOR ILLUSTRATIONS   |
|--|----------------|---|
| SOCKET 1/2" F TH - 1/2" F TH           | 65080-004500   |  |
| SPR ADAP 1" AND 3/4" F TH TO 1/2" F TH | 60101-000501   |  |

## SPRINKLER STANDS

|  |   |   |   |  |   |
|--|---|---|---|--|---|
| MEGA-RISER 1/2" 0.4 M LENGTH 1/2" MTH - 1/2" FTH<br>64520-002490 |  | MEGA-SUPPORTING ARM<br>64520-002485                     |  | MEGA-BASE<br>64520-002480                        |  |
| IMP SPR STAND 9*12 120CM W/OSTK F&S PE<br>64520-004900           |  | IMP SPR STAND 9*12 120CM W/OSTK F&S FLX<br>64520-004910 |  | FORK STAND 1.0 M COMPLETE FOR PE<br>60101-000400 |  |
|  |   |   |   | FORK STAND 0.5 M COMPLETE FOR PE<br>60101-000401 |   |

For additional information on sprinkler stands and assembly instructions please review MegaNet™ user manual









## MEGANET™ 24D

### 24 DEGREES ROTATING IMPACT SPRINKLER

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#### APPLICATIONS

For vegetables and open field crops, open field nurseries, crops germination, frost mitigation, cooling fruit orchards and roof dust cleaning.

#### BENEFITS AND FEATURES

##### Ensures high and uniform yield

- The MegaNet™ has symmetric structure that allows the water split to two equal water jets, that contribute to a balanced sprinkler, providing very high water distribution uniformity.

##### Increased germination percentage

- Thanks to the gentle water jet, and relatively small drops near the ground, the MegaNet™ does not groove the soil along the whole irrigation event (including startup and shut off), which prevents from the seed to be exposed out of the soil.

##### Reduced maintenance cost

- The MegaNet™ has a popup mechanism and it opened only during irrigation, this mechanism protects the nozzle and protect the sprinkler's moving parts, by preventing insects and dirt particles to get inside the sprinkler.
- Each MegaNet™ sprinkler has an integral filter that ensures clean water inside the nozzle. In addition, this filter can be easily cleaned if needed.
- Extended product life achieved by superior raw material composition resistant the chemicals, fertilizers, and sun exposure.

#### SPECIFICATIONS

- 7 different nominal flow rates: 200, 250, 350, 450, 550, 650, 750 l/h.  
Nominal flow rates at 2.3 bar pressure.
- Recommended working pressure: 2.0 to 3.0 bar (at the sprinkler head).
- Recommended filtration: 400 micron / 40 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, pre treatment will be applied according to Netafim™ expert team's instructions.
- Can be installed on solid sets or in removable field stands.
- Made of UV-protected materials, durable to all climate conditions and nutrients injected in agricultural applications.
- Water trajectory: 24 degrees
- Inlet connector:
  - 1/2" Threaded inlet connector
  - 20 MM ISO inlet connector (to be glued to PVC)
  - 1/2" ASTM inlet connector (to be glued to PVC)
- Code colored locking pins and caps for easy identification.
- 2 balanced water jets.
- Individual filter in each sprinkler.
- MegaNet™ sprinklers meet ISO 8026 standards (SI 1406) with production certified by the Israel Standards Institute (SII).

## PERFORMANCE TABLE

| NOZZLE SIZE (MM) | CODE COLOR | WORKING PRESSURE (BAR) | FLOW RATE (L/H) | WETTED DIAMETER* (M) | PRECIPITATION (MM/H) |       |        |       |         |         |         |  |
|------------------|------------|------------------------|-----------------|----------------------|----------------------|-------|--------|-------|---------|---------|---------|--|
|                  |            |                        |                 |                      | SPACING (M X M)      |       |        |       |         |         |         |  |
|                  |            |                        |                 |                      | 7 X 8                | 8 X 8 | 8 X 10 | 9 X 9 | 10 X 10 | 10 X 11 | 10 X 12 |  |
| 1.85             | Yellow     | 2.5                    | 210             | 11.0                 | 3.6                  | 3.3   |        |       |         |         |         |  |
|                  |            | 3.0                    | 230             | 11.0                 | 3.8                  | 3.6   |        |       |         |         |         |  |
| 2.06             | Purple     | 2.5                    | 258             | 12.0                 | 4.4                  | 4.0   |        |       |         |         |         |  |
|                  |            | 3.0                    | 283             | 12.0                 | 4.8                  | 4.4   |        |       |         |         |         |  |
| 2.44             | Green      | 2.5                    | 362             | 14.0                 | 5.9                  | 5.6   | 4.5    | 4.4   | 3.6     |         |         |  |
|                  |            | 3.0                    | 396             | 14.0                 | 6.5                  | 6.2   | 5.0    | 4.9   | 4.0     |         |         |  |
| 2.79             | Blue       | 2.5                    | 461             | 17.0                 | 8.1                  | 7.2   | 5.8    | 5.7   | 4.6     | 4.2     | 3.9     |  |
|                  |            | 3.0                    | 505             | 17.0                 | 8.7                  | 7.9   | 6.3    | 6.2   | 5.0     | 4.6     | 4.2     |  |
| 3.08             | Brown      | 2.5                    | 553             | 18.0                 | 10.0                 | 8.6   | 6.9    | 7.2   | 5.5     | 5.0     | 4.6     |  |
|                  |            | 3.0                    | 605             | 18.0                 | 10.1                 | 9.5   | 7.6    | 7.5   | 6.1     | 5.5     | 5.1     |  |
| 3.37             | Orange     | 2.5                    | 678             | 18.0                 | 11.5                 | 10.6  | 8.5    | 8.4   | 6.8     | 6.2     | 5.7     |  |
|                  |            | 3.0                    | 743             | 18.0                 | 12.3                 | 11.6  | 9.3    | 9.2   | 7.4     | 6.8     | 6.2     |  |
| 3.68             | Red        | 2.5                    | 785             | 18.0                 | 13.4                 | 12.3  | 9.8    | 9.7   | 7.9     | 7.1     | 6.6     |  |
|                  |            | 3.0                    | 860             | 19.0                 | 15.0                 | 13.4  | 10.7   | 10.6  | 8.6     | 7.8     | 7.2     |  |

\* at least 0.5 mm/h

\*\*Performance table prepared under laboratory conditions, sprinkler head 1.0 meter above ground


CU = or > than 92%   CU = or > 88% and < 92%   CU = or > 86% and < 88%   CU < 86%

## PACKAGING DATA

| MEGANET™  | QUANTITY 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 | 200                  | 18 x 34 x 79            | 11.0            | 20             | 4000                 | 232                |


### MEGANET™ 24D Head only

Catalog number : **63600** - (any of below 6 digits)

| MODEL | CATALOG NUMBER | SPRINKLER ILLUSTRATION  |
|-------|----------------|---|
| 200   | 001700         |  |
| 250   | 001750         |   |
| 350   | 001000         |   |
| 450   | 002000         |   |
| 550   | 003000         |   |
| 650   | 004000         |   |
| 750   | 004500         |   |

### MEGANET™ 24D Head only


Catalog number : **63600** - (any of below 6 digits)

| MODEL | CATALOG NUMBER | SPRINKLER ILLUSTRATION  |
|-------|----------------|---|
| 200   | 001720         |  |
| 250   |                |   |
| 350   | 001900         |   |
| 450   | 002010         |   |
| 550   | 003010         |   |
| 650   | 004010         |   |
| 750   | 004510         |   |

Missing catalog numbers available upon request


### MEGANET™ 24D Components

Catalog number : **63620** - (any of below 6 digits)

| MODEL | CATALOG NUMBER | SPRINKLER ILLUSTRATION  |
|-------|----------------|---|
| 200   | 008100         |  |
| 250   | 008150         |   |
| 350   | 008200         |   |
| 450   | 008300         |   |
| 550   | 008400         |   |
| 650   | 008500         |   |
| 750   | 008600         |   |

### MEGANET™ 24D Components

Catalog number : **63620** - (any of below 6 digits)

| MODEL | CATALOG NUMBER | SPRINKLER ILLUSTRATION  |
|-------|----------------|---|
| 200   | 009700         |  |
| 250   | 009750         |   |
| 350   | 009800         |   |
| 450   | 009900         |   |
| 550   | 010000         |   |
| 650   | 010100         |   |
| 750   | 010200         |   |



## MEGANET™ 24D COMPONENTS

|                                   |   |
|-----------------------------------|---|
| MEGANET™ 1/2" THREADED INLET BODY |  |
| 63620-004200                      |   |

|                 |   |
|-----------------|---|
| MEGANET™ FILTER |  |
| 63620-004400    |   |


|                  |                         |
|------------------|-------------------------|
| MEGANET™ TURBINE | CONNECTOR ILLUSTRATIONS |
|------------------|-------------------------|

|                                     |   |
|-------------------------------------|---|
| MGN TURBINE A1 BLACK TURBINE 50/BAG |  |
| 50 units/bag<br>63620-002010        |   |

|                                   |   |
|-----------------------------------|---|
| MGN TURBINE B GREY TURBINE 50/BAG |  |
| 50 units/bag<br>63620-002110      |   |



|                      |   |
|----------------------|---|
| MEGANET™ SERVICE KEY |  |
| 63620-004500         |   |

|                     |   |
|---------------------|---|
| MEGANET™ ROAD GUARD |  |
| 63620-007000        |   |

| MEGANET™ COLORED CAP | SAP DESCRIPTION           | CATALOG NUMBER |  |
|----------------------|---------------------------|----------------|---|
| 200                  | MGN CAP YELLOW 200 50/BAG | 63620-004860   |   |
| 250                  | MGN CAP PURPLE 250 50/BAG | 63620-004910   |   |
| 350                  | MGN CAP GREEN 350 50/BAG  | 63620-005010   |   |
| 450                  | MGN CAP BLUE 450 50/BAG   | 63620-005110   |   |
| 550                  | MGN CAP BROWN 550 50/BAG  | 63620-005210   |   |
| 650                  | MGN CAP ORANGE 650 50/BAG | 63620-005310   |   |
| 750                  | MGN CAP RED 750 50/BAG    | 63620-005410   |   |


|  |   |
|--|---|
| MEGANET™ LOCKING PIN TURBINE<br>MGN LOCKING PIN BLACK A 50/BAG |  |
| 50 units/bag<br>63620-001510                                   |   |

## COMPLEMENTARY PRODUCTS

| PRODUCT DESCRIPTION                    | CATALOG NUMBER | CONNECTOR ILLUSTRATIONS   |
|--|----------------|---|
| SOCKET 1/2" F TH - 1/2" F TH           | 65080-004500   |  |
| SPR ADAP 1" AND 3/4" F TH TO 1/2" F TH | 60101-000501   |  |


## SPRINKLER STANDS


|  |   |
|--|---|
| MEGA-RISER 1/2" 0.4 M LENGTH 1/2" MTH - 1/2" FTH |  |
| 64520-002490                                     |   |

|                     |   |
|---------------------|---|
| MEGA-SUPPORTING ARM |  |
| 64520-002485        |   |

|              |   |
|--------------|---|
| MEGA-BASE    |  |
| 64520-002480 |   |

|  |   |
|--|---|
| IMP SPR STAND 9*12 120CM W/OSTK F&S PE |  |
| 64520-004900                           |   |

|   |   |
|---|---|
| IMP SPR STAND 9*12 120CM W/OSTK F&S FLX |  |
| 64520-004910                            |   |

|                                  |   |
|----------------------------------|---|
| FORK STAND 1.0 M COMPLETE FOR PE |  |
| 60101-000400                     |   |
| FORK STAND 0.5 M COMPLETE FOR PE |   |
| 60101-000401                     |   |

For additional information on sprinkler stands and assembly instructions please review MegaNet™ user manual









## D-NET™ 8550

### 3D ARM IMPACT SPRINKLER

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#### APPLICATIONS

For vegetables and open field crops, open field nurseries, crop germination, cooling fruit orchard.

#### BENEFITS AND FEATURES

##### Higher and better yields

- The D-Net™ 8550 provides outstanding water distribution uniformity, due to the unique 3-D arm enabling, the highest uniformity in the market, respective to its flow rate and installation spacing.
- The D-Net™ 8550 provides maximum water-use efficiency.

##### Saves labor costs and multiple expenses on maintenance

- High robustness  
The D-Net™ 8550 has special design that makes the sprinkler more resistant and ensures high performance for a long product life.
- Extended product life  
The D-Net™ 8550 is made of UV-protected materials, making it durable under all climate conditions and with any applied nutrients.
- Flexible installation  
Can be installed on solid sets or on removable field stands.
- Easy to maintain  
A special nozzle key is designed to allow simple cleaning of the nozzle

#### SPECIFICATIONS

- 7 different nominal flow rates: 510, 580, 680, 810, 940, 1135, 1275 l/h.  
Nominal flow rates at 2.5 bar pressure.
- Recommended working pressure: 2.0 to 3.0 bar (at the sprinkler head).
- Wherever sand exceeding 2 ppm exists in the water, a Hydrocyclone is to be installed to protect the system.  
When sand/ silt/ clay solids exceed 100 ppm, pretreatment will be applied according to Netafim™ expert team's instructions.
- Water trajectory: 24 degrees
- Inlet connection: 1/2" male threaded.
- Color coded nozzles for easy identification.

## PERFORMANCE TABLE

| NOZZLE SIZE<br>(MM) | CODE COLOR          | WORKING PRESSURE<br>(BAR) | FLOW RATE<br>(L/H) | WETTED DIAMETER*<br>(M) | PRECIPITATION (MM/H) |         |         |         |
|---------------------|---------------------|---------------------------|--------------------|-------------------------|----------------------|---------|---------|---------|
|                     |                     |                           |                    |                         | SPACING (M X M)      |         |         |         |
|                     |                     |                           |                    |                         | 10 x 12              | 11 x 12 | 12 x 12 | 13 x 12 |
| 2.3 + 1.8           | Gray + lime green   | 1.5                       | 395                | 18                      | 3.5                  | 3.2     | 2.9     | 2.1     |
|                     |                     | 2.0                       | 456                | 18                      | 3.5                  | 3.2     | 2.9     | 2.7     |
|                     |                     | 2.5                       | 510                | 19                      | 4.4                  | 4.0     | 3.7     | 3.4     |
|                     |                     | 3.0                       | 559                | 19                      | 4.8                  | 4.4     | 4.0     | 3.7     |
| 2.5 + 1.8           | Purple + lime green | 1.5                       | 449                | 18                      | 3.7                  | 3.4     | 3.1     | 2.9     |
|                     |                     | 2.0                       | 519                | 19                      | 4.4                  | 4.0     | 3.6     | 3.3     |
|                     |                     | 2.5                       | 580                | 19                      | 4.9                  | 4.4     | 4.0     | 3.7     |
|                     |                     | 3.0                       | 635                | 20                      | 5.4                  | 4.9     | 4.5     | 4.2     |
| 2.9 + 1.8           | Orange + lime green | 1.5                       | 527                | 18                      | 4.4                  | 4.0     | 3.7     | 3.4     |
|                     |                     | 2.0                       | 608                | 19                      | 5.1                  | 4.6     | 4.2     | 3.9     |
|                     |                     | 2.5                       | 680                | 20                      | 5.7                  | 5.1     | 4.7     | 4.3     |
|                     |                     | 3.0                       | 745                | 20                      | 6.2                  | 5.6     | 5.2     | 4.8     |
| 3.2 + 1.8           | Green + lime green  | 1.5                       | 627                | 18                      | 5.2                  | 4.8     | 4.4     | 4.0     |
|                     |                     | 2.0                       | 724                | 19                      | 6.1                  | 5.5     | 5.0     | 4.7     |
|                     |                     | 2.5                       | 810                | 21                      | 6.8                  | 6.1     | 5.6     | 5.2     |
|                     |                     | 3.0                       | 887                | 21                      | 7.4                  | 6.7     | 6.2     | 5.7     |
| 3.5 + 1.8           | Blue + lime green   | 1.5                       | 728                | 18                      | 6.0                  | 5.5     | 5.0     | 4.6     |
|                     |                     | 2.0                       | 841                | 19                      | 7.0                  | 6.4     | 5.8     | 5.4     |
|                     |                     | 2.5                       | 940                | 21                      | 7.9                  | 7.1     | 6.5     | 6.0     |
|                     |                     | 3.0                       | 1030               | 21                      | 8.6                  | 7.8     | 7.2     | 6.6     |

| NOZZLE SIZE<br>(MM) | CODE COLOR     | WORKING PRESSURE<br>(BAR) | FLOW RATE<br>(L/H) | WETTED DIAMETER*<br>(M) | PRECIPITATION (MM/H) |        |         |         |
|---------------------|----------------|---------------------------|--------------------|-------------------------|----------------------|--------|---------|---------|
|                     |                |                           |                    |                         | SPACING (M X M)      |        |         |         |
|                     |                |                           |                    |                         | 9 x 14               | 9 x 15 | 10 x 14 | 10 x 15 |
| 3.5 + 2.5           | Blue + yellow  | 2.0                       | 1015               | 22                      | 8.1                  | 7.5    | 7.3     | 6.8     |
|                     |                | 2.5                       | 1135               | 22                      | 9.0                  | 8.4    | 8.1     | 7.6     |
|                     |                | 3.0                       | 1243               | 22                      | 9.9                  | 9.2    | 8.9     | 8.3     |
| 4.0 + 2.5           | Black + Yellow | 2.0                       | 1145               | 22                      | 9.1                  | 8.5    | 8.2     | 7.6     |
|                     |                | 2.5                       | 1275               | 22                      | 10.1                 | 9.4    | 9.1     | 8.5     |
|                     |                | 3.0                       | 1397               | 22                      | 11.1                 | 10.3   | 10.0    | 9.3     |

\* at least 0.5 mm/h


\*\*Performance table prepared under laboratory conditions, sprinkler head 1.0 meter above ground

CU = or > than 92%   CU = or > 88% and < 92%   CU = or > 86% and < 88%   CU < 86%

## PACKAGING DATA

| MODEL       | QUANTITY P/BOX UNIT | BOX SIZE (CM X CM X CM) | BOX WEIGHT (KG) | BOXES P/PALLET | TOTAL UNITS P/PALLET | PALLET WEIGHT (KG) |
|-------------|---------------------|-------------------------|-----------------|----------------|----------------------|--------------------|
| D-Net™ 8550 | 168                 | 54 x 36 x 33            | 12.0            | 18             | 3024                 | 240                |

## D-NET™ 8550 CATALOG NUMBERS




| NOZZLE SIZE (MM) | CODE COLOR          | FLOW RATE (L/H) * | CATALOG NUMBER | SPRINKLER ILLUSTRATION  |
|------------------|---------------------|-------------------|----------------|---|
| 2.3 + 1.8        | Gray + lime green   | 510               | 60100-000990   |  |
| 2.5 + 1.8        | Purple + lime green | 580               | 60100-001000   |   |
| 2.9 + 1.8        | Orange + lime green | 680               | 60100-001010   |   |
| 3.2 + 1.8        | Green + lime green  | 810               | 60100-001030   |   |
| 3.5 + 1.8        | Blue + lime green   | 940               | 60100-001040   |   |
| 3.5 + 2.5        | Blue + Yellow       | 1135              | 60100-001045   |   |
| 4.0 + 2.5        | Black + Yellow      | 1275              | 60100-001046   |   |


\*Nominal flow rate at 2.5 bar working pressure

## D-NET 8550 SPRINKLER NOZZLES

| NOZZLE SIZE (MM) | CODE COLOR | CATALOG NUMBER | PRODUCT DRAW  |
|------------------|------------|----------------|---|
| Front nozzle 2.3 | Grey       | 60100-001140   |  |
| Front nozzle 2.5 | Purple     | 60100-001150   |  |
| Front nozzle 2.9 | Orange     | 60100-001160   |  |
| Front nozzle 3.2 | Green      | 60100-001170   |  |
| Front nozzle 3.5 | Blue       | 60100-001180   |  |
| Front nozzle 4.0 | Black      | 60100-001181   |  |
| Rear nozzle 1.8  | Lime green | 60100-001300   |  |
| Rear nozzle 2.5  | Yellow     | 60100-001310   |  |

## COMPLEMENTARY PRODUCTS

| PRODUCT DESCRIPTION                  | CATALOG NUMBER | CONNECTOR ILLUSTRATIONS   | PRODUCT DESCRIPTION          | CATALOG NUMBER               | CONNECTOR ILLUSTRATIONS   |
|--------------------------------------|----------------|---|------------------------------|------------------------------|---|
| SOCKET 1/2" FTH - 1/2" FTH           | 65080-004500   |  | D-Net™ 8550 CLIP NOZZLE TOOL | 1 UNIT<br>60100-001410       |  |
| SPR ADAP 1" AND 3/4" FTH TO 1/2" FTH | 60101-000501   |  |                              | 50 UNITS/BOX<br>60100-001420 |   |

| PRODUCT DESCRIPTION  | CATALOG NUMBER | CONNECTOR ILLUSTRATIONS   |
|--|----------------|---|
| Anti-theft connector 20 mm (grey) -1000 units/box + 20 keys  | 60101-000110   |  |
| Anti-theft connector 20 mm (grey) - 100 units/bag            | 60101-000100   |   |
| Anti-theft connector 1/2" (white) - 1000 units/box + 20 keys | 60101-000210   |   |
| Anti-theft connector 1/2" (white) - 100 units/bag            | 60101-000200   |   |
| Anti-theft key (blue) - 20 units/bag                         | 60101-000300   |   |



## SPRINKLER STANDS

|   |   |  |  |                     |   |
|---|---|--|--|---------------------|---|
| <p>MEGA-RISER 1/2"<br/>0.4 M LENGTH<br/>1/2" MTH - 1/2" FTH</p> |  | <p>MEGA-SUPPORTING ARM</p>                                 |   | <p>MEGA-BASE</p>    |  |
| <p>64520-002490</p>   |   | <p>64520-002485</p>  |  | <p>64520-002480</p> |   |
| <p>IMP SPR STAND<br/>9*12 120CM<br/>W/OSTK F&amp;S PE</p>       |  | <p>IMP SPR STAND<br/>9*12 120CM<br/>W/OSTK F&amp;S FLX</p> |  |                     |   |
| <p>64520-004900</p>   |   | <p>64520-004910</p>  |  |                     |   |

For additional information on sprinklers stands and assembly instructions please review D-Net™ 8550 user manual



## D-NET™ 8550 AA

### 3D ARM IMPACT SPRINKLER WITH ADJUSTABLE ARC

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#### APPLICATIONS

For open filed crops edge irrigation.

#### BENEFITS AND FEATURES

##### Road guard

- A simple adjustable arc enables to change the sprinkler from 360 degrees arc to any part circle.

##### Higher and better yields

- The D-Net™ 8550 AA provides outstanding water distribution uniformity, due to the unique 3-D arm enabling, the highest uniformity in the market, respective to its flow rate and installation spacing.
- The D-Net™ 8550 AA provides maximum water-use efficiency

##### Saves labor costs and multiple expenses on maintenance

- High robustness  
The D-Net™ 8550 AA has special design that makes the sprinkler more resistant and ensures high performance for a long product life.
- Extended product life  
The D-Net™ 8550 AA is made of UV-protected materials, making it durable under all climate conditions and with any applied nutrients.
- Flexible installation  
Can be installed on solid sets or on removable field stands.
- Easy to maintain  
A special nozzle key is designed to allow simple cleaning of the nozzle even under pressure.

#### SPECIFICATIONS

- 2 different nominal flow rates: 500, 630 l/h.  
Nominal flow rates at 2.5 bar pressure.
- Recommended working pressure: 2.0 to 3.0 bar (at the sprinkler head).
- Wherever sand exceeding 2 ppm exists in the water, a Hydrocyclone is to be installed to protect the system.  
When sand/ silt/ clay solids exceed 100 ppm, pretreatment will be applied according to Netafim™ expert team's instructions.
- Water trajectory: 24 degrees
- Inlet connection: ½" male threaded.
- Color coded nozzles for easy identification.

## D-NET™ 8550 AA - PERFORMANCE TABLE


| NOZZLE SIZE (MM) | CODE COLOR | WORKING PRESSURE (BAR) | FLOW RATE (L/H) | WETTED RADIUS* (M) |
|------------------|------------|------------------------|-----------------|--------------------|
| Front nozzle 2.9 | Orange     | 2.0                    | 447             | 10.0               |
|                  |            | 2.5                    | 500             | 10.0               |
|                  |            | 3.0                    | 548             | 10.0               |
| Front nozzle 3.2 | Green      | 2.0                    | 563             | 10.0               |
|                  |            | 2.5                    | 630             | 10.0               |
|                  |            | 3.0                    | 690             | 10.0               |

\* At least 0.5 mm/h

## PACKAGING DATA



| MODEL          | QUANTITY P/BOX UNIT | BOX SIZE (CM X CM X CM) | BOX WEIGHT (KG) | BOXES P/PALLET | TOTAL UNITS P/PALLET | PALLET WEIGHT (KG) |
|----------------|---------------------|-------------------------|-----------------|----------------|----------------------|--------------------|
| D-Net™ 8550 AA | 72                  | 55 x 36 x 33            | 8.1             | 18             | 1296                 | 160                |

## D-NET™ 8550 AA CATALOG NUMBERS



| NOZZLE SIZE (MM) | NOZZLE CODE COLOR | FLOW RATE (L/H) * | CATALOG NUMBER | SPRINKLER ILLUSTRATION  |
|------------------|-------------------|-------------------|----------------|---|
| 2.9              | Orange            | 500               | 60100-004350   |  |
| 3.2              | Green             | 630               | 60100-004351   |   |


\*Nominal flow rate at 2.5 bar working pressure

## D-NET™ 8550 AA SPRINKLER NOZZLES

| NOZZLE SIZE (MM) | CODE COLOR | CATALOG NUMBER | PRODUCT DRAW  |
|------------------|------------|----------------|---|
| Front nozzle 2.9 | Orange     | 60100-001160   |  |
| Front nozzle 3.2 | Green      | 60100-001170   |  |

## COMPLEMENTARY PRODUCTS

| PRODUCT DESCRIPTION                     | CATALOG NUMBER | CONNECTOR ILLUSTRATIONS   |
|---|----------------|---|
| Socket<br>1/2" FTH - 1/2" FTH           | 65080-004500   |  |
| SPR Adap 1" and<br>3/4" FTH to 1/2" FTH | 60101-000500   |  |

| PRODUCT DESCRIPTION             | CATALOG NUMBER               | CONNECTOR ILLUSTRATIONS   |
|---------------------------------|------------------------------|---|
| D-Net™ 8550 CLIP<br>NOZZLE TOOL | 1 UNIT<br>60100-001410       |  |
|                                 | 50 UNITS/BOX<br>60100-001420 |   |



## D-NET™ 6550

### 3D ARM IMPACT SPRINKLER



#### APPLICATIONS

For under canopy irrigation, plantations, bananas, orchards or any other full coverage needs.

#### BENEFITS AND FEATURES

##### Higher and better yields

- The D-Net™ 6550 provides high water distribution uniformity due to the unique 3-D arm enabling the highest uniformity in the market, respective to its flow rate and installation spacing.
- The D-Net™ 6550 provides maximum water-use efficiency.

##### Saves labor costs and multiple expenses on maintenance

- High robustness  
The D-Net™ 6550 has special design that makes the sprinkler more resistible and ensure high performance for a long product life.
- Extended product life  
The D-Net™ 6550 is made of UV-protected materials, making it durable under all climate conditions and with any applied nutrients.
- Flexible installation  
Can be installed on solid sets or on removable field stands.
- Easy to maintain  
A special nozzle design, allows simple cleaning of the nozzle even under pressure.

#### SPECIFICATIONS

- 3 different nominal flow rates: 355, 400, 510 l/h.  
Nominal flow rates at 2.5 bar pressure.
- Recommended working pressure: 2.0 to 3.0 bar (at the sprinkler head).
- Wherever sand exceeding 2 ppm exists in the water, a Hydrocyclone is to be installed to protect the system.  
When sand/ silt/ clay solids exceed 100 ppm, pretreatment will be applied according to Netafim™ expert team's instructions.
- Water trajectory: 14 degrees
- Inlet connection: 1/2" male threaded.
- Color coded nozzles for easy identification.

## PERFORMANCE TABLE

| NOZZLE SIZE<br>(MM) | CODE<br>COLOR | WORKING<br>PRESSURE<br>(BAR) | FLOW RATE<br>(L/H) | WETTED<br>DIAMETER*<br>(M) | PRECIPITATION (MM/H) |        |         |         |         |         |
|---------------------|---------------|------------------------------|--------------------|----------------------------|----------------------|--------|---------|---------|---------|---------|
|                     |               |                              |                    |                            | SPACING (M X M)      |        |         |         |         |         |
|                     |               |                              |                    |                            | 9 X 9                | 9 X 10 | 10 X 10 | 10 X 11 | 10 X 12 | 12 X 12 |
| 2.3                 | Gray          | 2.0                          | 318                | 16                         | 3.9                  | 3.5    | 3.2     | 2.9     | 2.7     | 2.2     |
|                     |               | 2.5                          | 355                | 17                         | 4.4                  | 3.9    | 3.6     | 3.2     | 3.0     | 2.5     |
|                     |               | 3.0                          | 389                | 17                         | 4.8                  | 4.3    | 3.9     | 3.5     | 3.2     | 2.7     |
| 2.5                 | Purple        | 2.0                          | 358                | 16                         | 4.4                  | 4.0    | 3.6     | 3.3     | 3.0     | 2.5     |
|                     |               | 2.5                          | 400                | 18                         | 4.9                  | 4.4    | 4.0     | 3.6     | 3.3     | 2.8     |
|                     |               | 3.0                          | 438                | 18                         | 5.4                  | 4.9    | 4.4     | 4.0     | 3.7     | 3.0     |
| 2.9                 | Orange        | 2.0                          | 456                | 17                         | 5.6                  | 5.1    | 4.6     | 4.1     | 3.8     | 3.2     |
|                     |               | 2.5                          | 510                | 18                         | 6.3                  | 5.7    | 5.1     | 4.6     | 4.3     | 3.5     |
|                     |               | 3.0                          | 559                | 19                         | 6.9                  | 6.2    | 5.6     | 5.1     | 4.7     | 3.9     |


\* at least 0.5 mm/h

\*\* Performance table prepared under laboratory conditions, sprinkler head at 0.5 meter above ground

## PACKAGING DATA




| MODEL       | QUANTITY P/BOX<br>UNIT | BOX SIZE<br>(CM X CM X CM) | BOX WEIGHT<br>(KG) | BOXES<br>P/PALLET | TOTAL UNITS<br>P/PALLET | PALLET WEIGHT<br>(KG) |
|-------------|------------------------|----------------------------|--------------------|-------------------|-------------------------|-----------------------|
| D-Net™ 6550 | 168                    | 54 x 36 x 33               | 12.0               | 18                | 3024                    | 240                   |

## D-NET™ 6550 CATALOG NUMBERS

| NOZZLE SIZE<br>(MM) | CODE COLOR | FLOW RATE<br>(L/H) * | CATALOG NUMBER | SPRINKLER ILLUSTRATION  |
|---------------------|------------|----------------------|----------------|---|
| 2.3                 | Gray       | 355                  | 60100-002300   |  |
| 2.5                 | Purple     | 400                  | 60100-002310   |   |
| 2.9                 | Orange     | 510                  | 60100-002320   |   |



\*Nominal flow rate at 2.5 bar working pressure


## D-NET 6550 SPRINKLER NOZZLES

| NOZZLE SIZE (MM) | CODE COLOR | CATALOG NUMBER | PRODUCT DRAW  |
|------------------|------------|----------------|---|
| 2.3              | Gray       | 60100-002450   |  |
| 2.5              | Purple     | 60100-002451   |  |
| 2.9              | Orange     | 60100-002452   |  |



## COMPLEMENTARY PRODUCTS

| PRODUCT DESCRIPTION                  | CATALOG NUMBER | CONNECTOR ILLUSTRATIONS   |
|--------------------------------------|----------------|---|
| SOCKET 1/2" FTH - 1/2" FTH           | 65080-004500   |  |
| SPR ADAP 1" AND 3/4" FTH TO 1/2" FTH | 60101-000501   |  |

| PRODUCT DESCRIPTION  | CATALOG NUMBER | CONNECTOR ILLUSTRATIONS   |
|--|----------------|---|
| Anti-theft connector 20 mm (grey) - 1000 units/box + 20 keys | 60101-000110   |  |
| Anti-theft connector 20 mm (grey) - 100 units/bag            | 60101-000100   |   |
| Anti-theft connector 1/2" (white) - 1000 units/box + 20 keys | 60101-000210   |   |
| Anti-theft connector 1/2" (white) - 100 units/bag            | 60101-000200   |   |
| Anti-theft key (blue) - 20 units/bag                         | 60101-000300   |   |

## SPRINKLER STANDS

|  |   |   |   |              |   |
|--|---|---|---|--------------|---|
| MEGA-RISER 1/2" 0.4 M LENGTH 1/2" MTH - 1/2" FTH |  | MEGA-SUPPORTING ARM                     |  | MEGA-BASE    |  |
| 64520-002490                                     |   | 64520-002485                            |   | 64520-002480 |   |
| IMP SPR STAND 9*12 120CM W/OSTK F&S PE           |  | IMP SPR STAND 9*12 120CM W/OSTK F&S FLX |  |              |   |
| 64520-004900                                     |   | 64520-004910                            |   |              |   |

For additional information on sprinklers stands and assembly instructions please review D-Net™ 6550 user manual



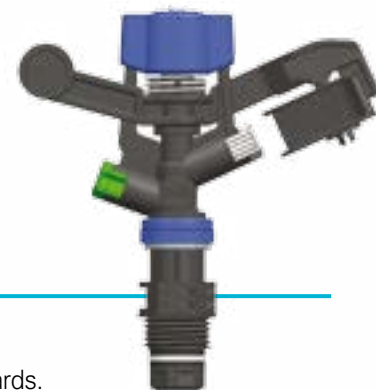




## LWP 2450

### LOW WORKING PRESSURE IMPACT SPRINKLER

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#### APPLICATIONS

Vegetables and open field crops, open field nurseries, crop germination, cooling of fruit orchards.

#### BENEFITS AND FEATURES

##### Achieves high yields & Saves operation costs

- The LWP 2450 sprinkler reduces operating costs and saves money thanks to its ability to work at low pressure.
- The LWP 2450 is design to achieve a good water distribution uniformity, although the low sprinkler operation pressure.

##### Saves labor costs and multiple expenses on maintenance

- High robustness -The LWP 2450 special design makes the sprinkler more resistible thus ensuring high performance and durability.
- Extended product life -The LWP 2450 is made of UV-protected materials, and is durable under all climate conditions and nutrients injected in agricultural applications.
- Flexible installation - Can be installed on solid sets or on removable field stands.
- Easy to maintain - A special nozzle key is designed to allow continuous cleaning of the nozzle even under pressure.

#### SPECIFICATIONS

- 3 different nominal flow rates: 350, 380, 450 l/h.  
Nominal flow rates at 1.5 bar pressure.
- Recommended working pressure: 1.0 to 2.0 bar (at the sprinkler head).
- Wherever sand exceeding 2 ppm exists in the water, Hydrocyclone shall be installed to protect the system.  
When sand / silt / clay solids exceed 100 ppm, pretreatment will be applied following Netafim™ expert team's instructions.
- Water trajectory: 24 degrees
- Inlet connection: 1/2" male threaded.
- Color coded nozzles for easy identification.

## PERFORMANCE TABLE

| NOZZLE SIZE<br>(MM) | CODE COLOR          | WORKING<br>PRESSURE<br>(BAR) | FLOW RATE<br>(L/H) | WETTED<br>DIAMETER*<br>(M) | PRECIPITATION (MM/H) |        |       |        |         |
|---------------------|---------------------|------------------------------|--------------------|----------------------------|----------------------|--------|-------|--------|---------|
|                     |                     |                              |                    |                            | SPACING (M X M)      |        |       |        |         |
|                     |                     |                              |                    |                            | 8 X 8                | 8 X 10 | 9 X 9 | 9 X 10 | 10 X 10 |
| 2.0 + 1.8           | White + lime green  | 1.0                          | 286                | 17                         | 4.5                  | 3.6    | 3.5   | 3.2    | 2.9     |
|                     |                     | 1.5                          | 350                | 20                         | 5.5                  | 4.4    | 4.3   | 3.9    | 3.5     |
|                     |                     | 2.0                          | 404                | 21                         | 6.3                  | 5.1    | 5.0   | 4.5    | 4.0     |
| 2.2 + 1.8           | Brown + lime green  | 1.0                          | 310                | 18                         | 4.8                  | 3.9    | 3.8   | 3.4    | 3.1     |
|                     |                     | 1.5                          | 380                | 20                         | 5.9                  | 4.8    | 4.7   | 4.2    | 3.8     |
|                     |                     | 2.0                          | 439                | 21                         | 6.9                  | 5.5    | 5.4   | 4.9    | 4.4     |
| 2.5 + 1.8           | Purple + lime green | 1.0                          | 408                | 19                         | 6.4                  | 5.1    | 5.0   | 4.5    | 4.1     |
|                     |                     | 1.5                          | 450                | 21                         | 7.0                  | 5.6    | 5.6   | 5.0    | 4.5     |
|                     |                     | 2.0                          | 577                | 22                         | 9.0                  | 7.2    | 7.1   | 6.4    | 5.8     |

\* at least 0.5 mm/h


\*\*Performance table prepared under laboratory conditions, sprinkler head 1.0 meter above ground

CU = or > than 92%   CU = or > 88% and < 92%   CU = or > 86% and < 88%   CU < 86%

## PACKAGING DATA





| MODEL    | QUANTITY P/BOX UNIT | BOX SIZE (CM X CM X CM) | BOX WEIGHT (KG) | BOXES P/PALLET | TOTAL UNITS P/PALLET | PALLET WEIGHT (KG) |
|----------|---------------------|-------------------------|-----------------|----------------|----------------------|--------------------|
| LWP 2450 | 200                 | 54 x 22 x 48            | 13.0            | 20             | 4000                 | 270                |

## LWP 2450 CATALOG NUMBERS



| NOZZLE SIZE (MM) | CODE COLOR          | FLOW RATE (L/H) * | CATALOG NUMBER | SPRINKLER ILLUSTRATION  |
|------------------|---------------------|-------------------|----------------|---|
| 2.0 + 1.8        | White + lime green  | 350               | 60100-004000   |  |
| 2.2 + 1.8        | Brown + lime green  | 380               | 60100-004001   |   |
| 2.5 + 1.8        | Purple + lime green | 450               | 60100-004002   |   |


\*Nominal flow rate at 1.5 bar working pressure


## LWP 2450 SPRINKLER NOZZLES

| NOZZLE SIZE (MM) | CODE COLOR | CATALOG NUMBER | PRODUCT DRAW   |
|------------------|------------|----------------|--|
| Front nozzle 2.0 | White      | 60100-004070   |  |
| Front nozzle 2.2 | Brown      | 60100-004071   |  |
| Front nozzle 2.5 | Purple     | 60100-001150   |  |
| Rear nozzle 1.8  | Lime green | 60100-001300   |  |

## COMPLEMENTARY PRODUCTS

| PRODUCT DESCRIPTION                  | CATALOG NUMBER | CONNECTOR ILLUSTRATIONS   |
|--------------------------------------|----------------|---|
| SOCKET 1/2" FTH - 1/2" FTH           | 65080-004500   |  |
| SPR ADAP 1" AND 3/4" FTH TO 1/2" FTH | 60101-000501   |  |

| PRODUCT DESCRIPTION       | CATALOG NUMBER               | CONNECTOR ILLUSTRATIONS   |
|---------------------------|------------------------------|---|
| LWP 2450 CLIP NOZZLE TOOL | 1 UNIT<br>60100-001410       |  |
|                           | 50 UNITS/BOX<br>60100-001420 |   |

| PRODUCT DESCRIPTION  | CATALOG NUMBER | CONNECTOR ILLUSTRATIONS   |
|--|----------------|---|
| Anti-theft connector 20 mm (grey) - 1000 units/box + 20 keys | 60101-000110   |  |
| Anti-theft connector 20 mm (grey) - 100 units/bag            | 60101-000100   |   |
| Anti-theft connector 1/2" (white) - 1000 units/box + 20 keys | 60101-000210   |   |
| Anti-theft connector 1/2" (white) - 100 units/bag            | 60101-000200   |   |
| Anti-theft key (blue) - 20 units/bag                         | 60101-000300   |   |

## SPRINKLER STANDS

|  |  |
|--|--|
| MEGA-RISER 1/2" 0.4 M LENGTH 1/2" MTH - 1/2" FTH |  |
| 64520-002490                                     |  |

|                     |  |
|---------------------|--|
| MEGA-SUPPORTING ARM |  |
| 64520-002485        |  |

|              |   |
|--------------|---|
| MEGA-BASE    |  |
| 64520-002480 |   |

|  |   |
|--|---|
| IMP SPR STAND 9*12 120CM W/OSTK F&S PE |  |
| 64520-004900                           |   |

|   |   |
|---|---|
| IMP SPR STAND 9*12 120CM W/OSTK F&S FLX |  |
| 64520-004910                            |   |

For additional information on sprinklers stands and assembly instructions please review LWP 2450 user manual









## D-NET™ 9575

### 3D ARM IMPACT SPRINKLER

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#### APPLICATIONS

For open field crops irrigation.

#### BENEFITS AND FEATURES

##### Higher and better yields

- The D-Net™ 9575 provides outstanding water distribution uniformity, due to the unique 3-D arm enabling, the highest uniformity in the market, respective to its flow rate and installation spacing.
- The D-Net™ 9575 provides maximum water-use efficiency

##### Saves labor costs and multiple expenses on maintenance

- High robustness  
The D-Net™ 9575 has special design that makes the sprinkler more resistant and ensures high performance for a long product life.
- Extended product life  
The D-Net™ 9575 is made of UV-protected materials, making it durable under all climate conditions and with any applied nutrients.
- Flexible installation  
Can be installed on solid sets or on removable field stands.
- Easy to maintain  
A special nozzle key is designed to allow simple cleaning of the nozzle even under pressure.

#### SPECIFICATIONS

- 5 different nominal flow rates: 1200, 1400, 1600, 1800, 2000 l/h.  
Nominal flow rates at 3.0 bar pressure.
- Recommended working pressure: 2.0 to 4.0 bar (at the sprinkler head).
- Wherever sand exceeding 2 ppm exists in the water, a Hydrocyclone is to be installed to protect the system.  
When sand/ silt/ clay solids exceed 100 ppm, pretreatment will be applied according to Netafim™ expert team's instructions.
- Water trajectory: 24 degrees
- Inlet connection: 3/4" male threaded.
- Color coded nozzles for easy identification.

**PERFORMANCE TABLE**  
RECTANGULAR SPACING

| NOZZLE SIZE<br>(MM) | CODE COLOR      | WORKING PRESSURE<br>(BAR) | FLOW RATE<br>(L/H) | WETTED DIAMETER*<br>(M) | PRECIPITATION (MM/H) |         |         |         |         |         |
|---------------------|-----------------|---------------------------|--------------------|-------------------------|----------------------|---------|---------|---------|---------|---------|
|                     |                 |                           |                    |                         | SPACING (M X M)      |         |         |         |         |         |
|                     |                 |                           |                    |                         | 12 x 12              | 12 x 15 | 12 x 18 | 15 x 15 | 15 x 18 | 18 x 18 |
| 3.57 + 2.5          | Blue + yellow   | 2.0                       | 980                | 22.0                    | 6.8                  | 5.4     | 4.5     | 4.4     |         |         |
|                     |                 | 2.5                       | 1095               | 22.0                    | 7.6                  | 6.1     | 5.1     | 4.9     |         |         |
|                     |                 | 3.0                       | 1200               | 23.0                    | 8.3                  | 6.7     | 5.6     | 5.3     |         |         |
|                     |                 | 3.5                       | 1296               | 24.0                    | 9.0                  | 7.2     | 6.0     | 5.8     | 4.8     |         |
|                     |                 | 4.0                       | 1385               | 24.0                    | 9.6                  | 7.7     | 6.4     | 6.2     | 5.1     |         |
| 3.96 + 2.5          | Green + yellow  | 2.0                       | 1145               | 23.0                    | 8.0                  | 6.4     | 5.3     | 5.1     | 4.2     |         |
|                     |                 | 2.5                       | 1280               | 24.0                    | 8.9                  | 7.1     | 5.9     | 5.7     | 4.7     |         |
|                     |                 | 3.0                       | 1400               | 25.0                    | 9.7                  | 7.8     | 6.5     | 6.2     | 5.2     |         |
|                     |                 | 3.5                       | 1515               | 25.0                    | 10.5                 | 8.4     | 7.0     | 6.7     | 5.6     |         |
|                     |                 | 4.0                       | 1620               | 26.0                    | 11.3                 | 9.0     | 7.5     | 7.2     | 6.0     | 5.0     |
| 4.36 + 2.5          | Grey + yellow   | 2.0                       | 1306               | 23.0                    | 9.1                  | 7.3     | 6.0     | 5.8     | 4.8     |         |
|                     |                 | 2.5                       | 1460               | 25.0                    | 10.1                 | 8.1     | 6.8     | 6.5     | 5.4     |         |
|                     |                 | 3.0                       | 1600               | 25.0                    | 11.1                 | 8.9     | 7.4     | 7.1     | 5.9     | 4.9     |
|                     |                 | 3.5                       | 1727               | 26.0                    | 12.0                 | 9.6     | 8.0     | 7.7     | 6.4     | 5.3     |
|                     |                 | 4.0                       | 1846               | 26.0                    | 12.8                 | 10.3    | 8.5     | 8.2     | 6.8     | 5.7     |
| 4.76 + 2.5          | Yellow + yellow | 2.0                       | 1471               | 22.0                    | 10.2                 | 8.2     | 6.8     | 6.5     |         |         |
|                     |                 | 2.5                       | 1645               | 25.0                    | 11.4                 | 9.1     | 7.6     | 7.3     | 6.1     |         |
|                     |                 | 3.0                       | 1800               | 26.0                    | 12.5                 | 10.0    | 8.3     | 8.0     | 6.7     | 5.6     |
|                     |                 | 3.5                       | 1946               | 27.0                    | 13.5                 | 10.8    | 9.0     | 8.6     | 7.2     | 6.0     |
|                     |                 | 4.0                       | 2081               | 28.0                    | 14.5                 | 11.6    | 9.6     | 9.2     | 7.7     | 6.4     |
| 5.10 + 2.5          | Black + yellow  | 2.0                       | 1632               | 22.0                    | 11.3                 | 9.1     | 7.6     | 7.3     |         |         |
|                     |                 | 2.5                       | 1825               | 25.0                    | 12.7                 | 10.1    | 8.4     | 8.1     | 6.8     |         |
|                     |                 | 3.0                       | 2000               | 27.0                    | 13.9                 | 11.1    | 9.3     | 8.9     | 7.4     | 6.2     |
|                     |                 | 3.5                       | 2160               | 28.0                    | 15.0                 | 12.0    | 10.0    | 9.6     | 8.0     | 6.7     |
|                     |                 | 4.0                       | 2310               | 29.0                    | 16.0                 | 12.8    | 10.7    | 10.3    | 8.6     | 7.1     |

**TRIANGULAR SPACING**

| NOZZLE SIZE<br>(MM) | CODE COLOR      | WORKING PRESSURE<br>(BAR) | FLOW RATE<br>(L/H) | WETTED DIAMETER*<br>(M) | PRECIPITATION (MM/H) |         |         |         |         |         |
|---------------------|-----------------|---------------------------|--------------------|-------------------------|----------------------|---------|---------|---------|---------|---------|
|                     |                 |                           |                    |                         | SPACING (M X M)      |         |         |         |         |         |
|                     |                 |                           |                    |                         | 12 x 12              | 12 x 15 | 12 x 18 | 15 x 15 | 15 x 18 | 18 x 18 |
| 3.57 + 2.5          | Blue + yellow   | 2.0                       | 980                | 22.0                    | 6.8                  | 5.4     | 4.5     | 4.4     | 3.6     |         |
|                     |                 | 2.5                       | 1095               | 22.0                    | 7.6                  | 6.1     | 5.1     | 4.9     | 4.1     |         |
|                     |                 | 3.0                       | 1200               | 23.0                    | 8.3                  | 6.7     | 5.6     | 5.3     | 4.4     |         |
|                     |                 | 3.5                       | 1296               | 24.0                    | 9.0                  | 7.2     | 6.0     | 5.8     | 4.8     |         |
|                     |                 | 4.0                       | 1385               | 24.0                    | 9.6                  | 7.7     | 6.4     | 6.2     | 5.1     | 4.3     |
| 3.96 + 2.5          | Green + yellow  | 2.0                       | 1145               | 23.0                    | 8.0                  | 6.4     | 5.3     | 5.1     | 4.2     | 3.5     |
|                     |                 | 2.5                       | 1280               | 24.0                    | 8.9                  | 7.1     | 5.9     | 5.7     | 4.7     | 4.0     |
|                     |                 | 3.0                       | 1400               | 25.0                    | 9.7                  | 7.8     | 6.5     | 6.2     | 5.2     | 4.3     |
|                     |                 | 3.5                       | 1515               | 25.0                    | 10.5                 | 8.4     | 7.0     | 6.7     | 5.6     | 4.7     |
|                     |                 | 4.0                       | 1620               | 26.0                    | 11.3                 | 9.0     | 7.5     | 7.2     | 6.0     | 5.0     |
| 4.36 + 2.5          | Grey + yellow   | 2.0                       | 1306               | 23.0                    | 9.1                  | 7.3     | 6.0     | 5.8     | 4.8     | 4.0     |
|                     |                 | 2.5                       | 1460               | 25.0                    | 10.1                 | 8.1     | 6.8     | 6.5     | 5.4     | 4.5     |
|                     |                 | 3.0                       | 1600               | 25.0                    | 11.1                 | 8.9     | 7.4     | 7.1     | 5.9     | 4.9     |
|                     |                 | 3.5                       | 1727               | 26.0                    | 12.0                 | 9.6     | 8.0     | 7.7     | 6.4     | 5.3     |
|                     |                 | 4.0                       | 1846               | 26.0                    | 12.8                 | 10.3    | 8.5     | 8.2     | 6.8     | 5.7     |
| 4.76 + 2.5          | Yellow + yellow | 2.0                       | 1471               | 22.0                    | 10.2                 | 8.2     | 6.8     | 6.5     | 5.4     |         |
|                     |                 | 2.5                       | 1645               | 25.0                    | 11.4                 | 9.1     | 7.6     | 7.3     | 6.1     | 5.1     |
|                     |                 | 3.0                       | 1800               | 26.0                    | 12.5                 | 10.0    | 8.3     | 8.0     | 6.7     | 5.6     |
|                     |                 | 3.5                       | 1946               | 27.0                    | 13.5                 | 10.8    | 9.0     | 8.6     | 7.2     | 6.0     |
|                     |                 | 4.0                       | 2081               | 28.0                    | 14.5                 | 11.6    | 9.6     | 9.2     | 7.7     | 6.4     |
| 5.10 + 2.5          | Black + yellow  | 2.0                       | 1632               | 22.0                    | 11.3                 | 9.1     | 7.6     | 7.3     | 6.0     |         |
|                     |                 | 2.5                       | 1825               | 25.0                    | 12.7                 | 10.1    | 8.4     | 8.1     | 6.8     | 5.6     |
|                     |                 | 3.0                       | 2000               | 27.0                    | 13.9                 | 11.1    | 9.3     | 8.9     | 7.4     | 6.2     |
|                     |                 | 3.5                       | 2160               | 28.0                    | 15.0                 | 12.0    | 10.0    | 9.6     | 8.0     | 6.7     |
|                     |                 | 4.0                       | 2310               | 29.0                    | 16.0                 | 12.8    | 10.7    | 10.3    | 8.6     | 7.1     |

\* At least 0.5 mm/h


\*\*Performance table prepared under laboratory conditions, sprinkler head 1.0 meter above ground

|                 |                      |                      |          |
|-----------------|----------------------|----------------------|----------|
| CU = > than 92% | CU = > 88% and < 92% | CU = > 86% and < 88% | CU < 86% |
|-----------------|----------------------|----------------------|----------|

## PACKAGING DATA

| MODEL       | QUANTITY P/BOX UNIT | BOX SIZE (CM X CM X CM) | BOX WEIGTH (KG) | BOXES P/PALLET | TOTAL UNITS P/PALLET | PALLET WEIGTH (KG) |
|-------------|---------------------|-------------------------|-----------------|----------------|----------------------|--------------------|
| D-Net™ 9575 | 50                  | 54 x 20 x 48            | 8.9             | 20             | 1000                 | 200                |

## D-NET™ 9575 CATALOG NUMBERS


| NOZZLE SIZE (MM) | CODE COLOR      | FLOW RATE (L/H) * | CATALOG NUMBER | SPRINKLER ILLUSTRATION  |
|------------------|-----------------|-------------------|----------------|---|
| 3.57 + 2.5       | Blue + yellow   | 1200              | 60100-002000   |  |
| 3.96 + 2.5       | Green + yellow  | 1400              | 60100-002010   |   |
| 4.36 + 2.5       | Gray + yellow   | 1600              | 60100-002020   |   |
| 4.76 + 2.5       | Yellow + yellow | 1800              | 60100-002030   |   |
| 5.10 + 2.5       | Black + yellow  | 2000              | 60100-002040   |   |

\*Nominal flow rate at 3.0 bar working pressure

## D-NET™ 9575 SPRINKLER NOZZLES

| NOZZLE SIZE (MM)  | CODE COLOR | CATALOG NUMBER | PRODUCT DRAW  |
|-------------------|------------|----------------|---|
| Front nozzle 3.57 | Blue       | 60100-002100   |  |
| Front nozzle 3.96 | Green      | 60100-002101   |  |
| Front nozzle 4.36 | Gray       | 60100-002102   |  |
| Front nozzle 4.76 | Yellow     | 60100-002103   |  |
| Front nozzle 5.10 | Black      | 60100-002104   |  |
| Rear nozzle 2.50  | Yellow     | 60100-001310   |  |

## COMPLEMENTARY PRODUCTS

| PRODUCT DESCRIPTION                       | CATALOG NUMBER | CONNECTOR ILLUSTRATIONS   | PRODUCT DESCRIPTION        | CATALOG NUMBER                | CONNECTOR ILLUSTRATIONS   |
|---|----------------|---|----------------------------|-------------------------------|---|
| Socket 3/4" F TH<br>3/4" F TH             | 65080-004700   |  | D-Net™ 9575<br>Nozzle Tool | 1 unit<br>60100-003600        |  |
| SPR Adap 1" and<br>3/4" F TH to 3/4" F TH | 60101-000500   |  |                            | 150 units/box<br>60100-003610 |   |







## D-NET™ 9575 AA

3D ARM IMPACT SPRINKLER WITH ADJUSTABLE ARC

### APPLICATIONS

For open filed crops edge irrigation.

### BENEFITS AND FEATURES

#### Road guard

- A simple adjustable arc enables to change the sprinkler from 360 degrees arc to any part circle.

#### Higher and better yields

- The D-Net™ 9575 AA provides outstanding water distribution uniformity, due to the unique 3-D arm enabling, the highest uniformity in the market, respective to its flow rate and installation spacing.
- The D-Net™ 9575 AA provides maximum water-use efficiency

#### Saves labor costs and multiple expenses on maintenance

- High robustness  
The D-Net™ 9575 AA has special design that makes the sprinkler more resistant and ensures high performance for a long product life.
- Extended product life  
The D-Net™ 9575 AA is made of UV-protected materials, making it durable under all climate conditions and with any applied nutrients.
- Flexible installation  
Can be installed on solid sets or on removable field stands.
- Easy to maintain  
A special nozzle key is designed to allow simple cleaning of the nozzle even under pressure.

### SPECIFICATIONS

- 2 different nominal flow rates: 850, 1030 l/h.  
Nominal flow rates at 3.0 bar pressure.
- Recommended working pressure: 2.5 to 4.0 bar (at the sprinkler head).
- Wherever sand exceeding 2 ppm exists in the water, a Hydrocyclone is to be installed to protect the system.  
When sand/silt/clay solids exceed 100 ppm, pretreatment will be applied according to Netafim™ expert team's instructions.
- Water trajectory: 24 degrees
- Inlet connection: 3/4" male threaded.
- Color coded nozzles for easy identification.

## D-NET™ 9575 AA - PERFORMANCE TABLE


| NOZZLE SIZE (MM)  | CODE COLOR | WORKING PRESSURE (BAR) | FLOW RATE (L/H) | WETTED RADIUS* (M) |
|-------------------|------------|------------------------|-----------------|--------------------|
| Front nozzle 3.57 | Blue       | 2.5                    | 776             | 11.5               |
|                   |            | 3.0                    | 850             | 12.0               |
|                   |            | 3.5                    | 918             | 12.0               |
|                   |            | 4.0                    | 982             | 12.5               |
| Front nozzle 3.96 | Green      | 2.5                    | 940             | 12.0               |
|                   |            | 3.0                    | 1030            | 12.5               |
|                   |            | 3.5                    | 1112            | 12.5               |
|                   |            | 4.0                    | 1189            | 13.0               |

\* At least 0.5 mm/h

## PACKAGING DATA




| MODEL          | QUANTITY P/BOX UNIT | BOX SIZE (CM X CM X CM) | BOX WEIGHT (KG) | BOXES P/PALLET | TOTAL UNITS P/PALLET | PALLET WEIGHT (KG) |
|----------------|---------------------|-------------------------|-----------------|----------------|----------------------|--------------------|
| D-Net™ 9575 AA | 40                  | 54 x 20 x 48            | 9.4             | 20             | 800                  | 190                |

## D-NET™ 9575 AA CATALOG NUMBERS

| NOZZLE SIZE (MM) | NOZZLE CODE COLOR | FLOW RATE (L/H) * | CATALOG NUMBER | SPRINKLER ILLUSTRATION  |
|------------------|-------------------|-------------------|----------------|---|
| 3.57             | Blue              | 850               | 60100-002190   |  |
| 3.96             | Green             | 1030              | 60100-002191   |   |

\*Nominal flow rate at 3.0 bar working pressure

## D-NET™ 9575 AA SPRINKLER NOZZLES

| NOZZLE SIZE (MM)  | CODE COLOR | CATALOG NUMBER | PRODUCT DRAW  |
|-------------------|------------|----------------|---|
| Front nozzle 3.57 | Blue       | 60100-002100   |  |
| Front nozzle 3.96 | Green      | 60100-002101   |  |
| Plugged nozzle    | Black      | 60100-001400   |  |

## COMPLEMENTARY PRODUCTS

| PRODUCT DESCRIPTION                   | CATALOG NUMBER | CONNECTOR ILLUSTRATIONS   | PRODUCT DESCRIPTION           | CATALOG NUMBER                | CONNECTOR ILLUSTRATIONS   |
|---------------------------------------|----------------|---|-------------------------------|-------------------------------|---|
| Socket 3/4" FTH<br>3/4" FTH           | 65080-004700   |  | D-Net™ 9575 AA<br>Nozzle Tool | 1 unit<br>60100-003600        |  |
| Reducer Coupling<br>1" FTH - 3/4" FTH | 60101-000500   |  |                               | 150 units/box<br>60100-003610 |   |



## HWP 2475

### IMPACT SPRINKLER

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#### APPLICATIONS

For open field crops irrigation.

#### BENEFITS AND FEATURES

##### Higher and better yields

- The HWP 2475 provides very good water distribution uniformity.
- The HWP 2475 provides maximum water-use efficiency

##### Saves labor costs and multiple expenses on maintenance

- High robustness  
Resistant and ensures high performance for a long product life.
- Extended product life  
The HWP 2475 is made of UV-protected materials, making it durable under all climate conditions and with applied nutrients.
- Easy to maintain

#### SPECIFICATIONS

- 3 different nominal flow rates: 2150, 2735, 3060 l/h.  
Nominal flow rates at 3.5 bar pressure.
- Recommended working pressure: 3.0 to 4.0 bar (at the sprinkler head).
- Wherever sand exceeding 2 ppm exists in the water, a Hydrocyclone is to be installed to protect the system.  
When sand/ silt/ clay solids exceed 100 ppm, pretreatment will be applied according to Netafim™ expert team's instructions.
- Water trajectory: 24 degrees
- Inlet connection: 3/4" male threaded.
- Color coded nozzles for easy identification.



**PERFORMANCE TABLE**  
RECTANGULAR SPACING

| NOZZLE SIZE<br>(MM) | CODE<br>COLOR     | WORKING<br>PRESSURE<br>(BAR) | FLOW RATE<br>(L/H) | WETTED<br>DIAMETER*<br>(M) | PRECIPITATION (MM/H) |         |         |         |         |         |         |
|---------------------|-------------------|------------------------------|--------------------|----------------------------|----------------------|---------|---------|---------|---------|---------|---------|
|                     |                   |                              |                    |                            | SPACING (M X M)      |         |         |         |         |         |         |
|                     |                   |                              |                    |                            | 12 x 12              | 12 x 15 | 12 x 18 | 15 x 15 | 15 x 18 | 18 x 18 | 20 x 20 |
| 5.15 + 2.5          | Black +<br>yellow | 3.0                          | 1990               | 29.0                       | 13.8                 | 11.1    | 9.2     | 8.8     | 7.4     | 6.1     | 5.0     |
|                     |                   | 3.5                          | 2150               | 30.0                       | 14.9                 | 11.9    | 10.0    | 9.6     | 8.0     | 6.6     | 5.4     |
|                     |                   | 4.0                          | 2298               | 31.0                       | 16.0                 | 12.8    | 10.6    | 10.2    | 8.5     | 7.1     | 5.7     |
| 5.50 + 3.17         | Orange +<br>black | 3.0                          | 2532               | 30.0                       | 17.6                 | 14.1    | 11.7    | 11.3    | 9.4     | 7.8     | 6.3     |
|                     |                   | 3.5                          | 2735               | 33.0                       | 19.0                 | 15.2    | 12.7    | 12.2    | 10.1    | 8.4     | 6.8     |
|                     |                   | 4.0                          | 2924               | 35.0                       | 20.3                 | 16.2    | 13.5    | 13.0    | 10.8    | 9.0     | 7.3     |
| 5.96 + 3.17         | Purple +<br>black | 3.0                          | 2833               | 31.0                       | 19.7                 | 15.7    | 13.1    | 12.6    | 10.5    | 8.7     | 7.1     |
|                     |                   | 3.5                          | 3060               | 33.0                       | 21.3                 | 17.0    | 14.2    | 13.6    | 11.3    | 9.4     | 7.7     |
|                     |                   | 4.0                          | 3271               | 34.0                       | 22.7                 | 18.2    | 15.1    | 14.5    | 12.1    | 10.1    | 8.2     |

**PERFORMANCE TABLE**  
TRIANGULAR SPACING

| NOZZLE SIZE<br>(MM) | CODE<br>COLOR     | WORKING<br>PRESSURE<br>(BAR) | FLOW RATE<br>(L/H) | WETTED<br>DIAMETER*<br>(M) | PRECIPITATION (MM/H) |         |         |         |         |         |         |
|---------------------|-------------------|------------------------------|--------------------|----------------------------|----------------------|---------|---------|---------|---------|---------|---------|
|                     |                   |                              |                    |                            | SPACING (M X M)      |         |         |         |         |         |         |
|                     |                   |                              |                    |                            | 12 x 12              | 12 x 15 | 12 x 18 | 15 x 15 | 15 x 18 | 18 x 18 | 20 x 20 |
| 5.15 + 2.5          | Black +<br>yellow | 3.0                          | 1990               | 29.0                       | 13.8                 | 11.1    | 9.2     | 8.8     | 7.4     | 6.1     | 5.0     |
|                     |                   | 3.5                          | 2150               | 30.0                       | 14.9                 | 11.9    | 10.0    | 9.6     | 8.0     | 6.6     | 5.4     |
|                     |                   | 4.0                          | 2298               | 31.0                       | 16.0                 | 12.8    | 10.6    | 10.2    | 8.5     | 7.1     | 5.7     |
| 5.50 + 3.17         | Orange +<br>black | 3.0                          | 2532               | 30.0                       | 17.6                 | 14.1    | 11.7    | 11.3    | 9.4     | 7.8     | 6.3     |
|                     |                   | 3.5                          | 2735               | 33.0                       | 19.0                 | 15.2    | 12.7    | 12.2    | 10.1    | 8.4     | 6.8     |
|                     |                   | 4.0                          | 2924               | 35.0                       | 20.3                 | 16.2    | 13.5    | 13.0    | 10.8    | 9.0     | 7.3     |
| 5.96 + 3.17         | Purple +<br>black | 3.0                          | 2833               | 31.0                       | 19.7                 | 15.7    | 13.1    | 12.6    | 10.5    | 8.7     | 7.1     |
|                     |                   | 3.5                          | 3060               | 33.0                       | 21.3                 | 17.0    | 14.2    | 13.6    | 11.3    | 9.4     | 7.7     |
|                     |                   | 4.0                          | 3271               | 34.0                       | 22.7                 | 18.2    | 15.1    | 14.5    | 12.1    | 10.1    | 8.2     |

\* At least 0.5 mm/h


\*\*Performance tables prepared under laboratory conditions, sprinkler head 1.0 meter above ground

|                 |                      |                      |          |
|-----------------|----------------------|----------------------|----------|
| CU = > than 92% | CU = > 88% and < 92% | CU = > 86% and < 88% | CU < 86% |
|-----------------|----------------------|----------------------|----------|

## PACKAGING DATA

| MODEL    | QUANTITY P/BOX UNIT | BOX SIZE (CM X CM X CM) | BOX WEIGTH (KG) | BOXES P/PALLET | TOTAL UNITS P/PALLET | PALLET WEIGTH (KG) |
|----------|---------------------|-------------------------|-----------------|----------------|----------------------|--------------------|
| HWP 2475 | 70                  | 54 x 20 x 48            | 10.8            | 20             | 1400                 | 230                |

## HWP 2475 CATALOG NUMBERS

| NOZZLE SIZE (MM) | CODE COLOR     | FLOW RATE (L/H) * | CATALOG NUMBER | SPRINKLER ILLUSTRATION  |
|------------------|----------------|-------------------|----------------|---|
| 5.15 + 2.50      | Black + Yellow | 2150              | 60100-004200   |  |
| 5.50 + 3.17      | Orange + Black | 2735              | 60100-004201   |   |
| 5.96 + 3.17      | Purple + Black | 3060              | 60100-004202   |   |

\*Nominal flow rate at 3.5 bar working pressure

## HWP 2475 SPRINKLER NOZZLES

| NOZZLE SIZE (MM)  | CODE COLOR | CATALOG NUMBER | PRODUCT DRAW  |
|-------------------|------------|----------------|---|
| Front nozzle 5.15 | Black      | 60100-002104   |    |
| Front nozzle 5.50 | Orange     | 60100-004205   |  |
| Front nozzle 5.96 | Purple     | 60100-004206   |  |
| Rear nozzle 2.50  | Yellow     | 60100-001310   |  |
| Rear nozzle 3.17  | Black      | 60100-004204   |  |

## COMPLEMENTARY PRODUCTS

| PRODUCT DESCRIPTION                     | CATALOG NUMBER | CONNECTOR ILLUSTRATIONS   | PRODUCT DESCRIPTION | CATALOG NUMBER                | CONNECTOR ILLUSTRATIONS   |
|---|----------------|---|---------------------|-------------------------------|---|
| Socket<br>3/4" FTH - 3/4" FTH           | 65080-004700   |  | Nozzle Tool         | 1 unit<br>60100-003600        |  |
| SPR Adap 1" and<br>3/4" FTH to 3/4" FTH | 60101-000500   |  |                     | 150 units/box<br>60100-003610 |   |



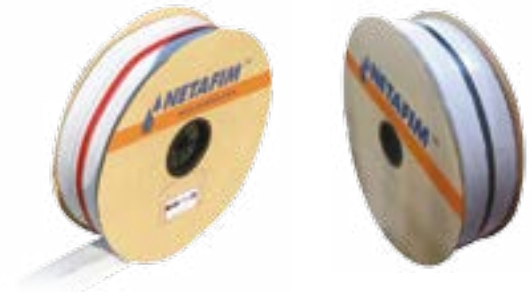
## SPRINKLERS STANDS COMPLEMENTARY ACCESSORIES CONNECTORS AND STAND ACCESSORIES

|  |   |  |  |   |   |
|--|---|--|--|---|---|
| <p><b>SPR STAND F&amp;S CONN FEMALE/BARB BROWN</b></p> <p>65080-005010</p>   |    | <p><b>SPR STAND FTN F&amp;S CONN FEMALE/ 1/2" MTH</b></p> <p>65080-005210</p>  |    | <p><b>START CONNECTOR TO PE</b></p> <p>Barb for tube 9*12<br/>32500-003705</p>  |    |
| <p><b>SPR STAND QUICK CONN MALE/BARB 12+0" RING</b></p> <p>65080-005060</p>  |    | <p><b>SPR STAND F&amp;S CONN LOCKING SLEEVE 12</b></p> <p>65080-005090</p>   |    | <p><b>START CONNECTOR TO PVC</b></p> <p>Barb for tube 9*12<br/>32500-003706</p>   |    |
| <p><b>MALE / BARB CONNECTOR</b></p> <p>For tube 6*8<br/>64520-002200</p> <p>For tube 9*12<br/>65080-002871</p>         |    | <p><b>MALE PLUG</b></p> <p>65080-002880</p>  |     | <p><b>REDUCTION NIPPLE 3/4" MALE - 1/2" MALE</b></p> <p>78220-007700</p>  |    |
| <p><b>IMPC SPR HOUSING 1/2" FTH - BARB 9*12</b></p> <p>65080-000900</p>  |   | <p><b>QC SPRINKLER COUPLING CONNECTOR 3/4" (2 PARTS)</b></p> <p>60100-003720</p>   |    | <p><b>BUSHING CONNECTOR 3/4" MALE - 1/2" FEMALE</b></p> <p>78220-004100</p>   |  |
| <p><b>QC CV VALVE 3/4"</b></p> <p>60100-003700</p>   |  | <p><b>QC KEY RISER 3/4"</b></p> <p>60100-003710</p>  |   | <p><b>METAL ROD</b></p> <p>6 mm diameter, 100 cm length<br/>65080-001100</p> <p>6 mm diameter, 120 cm length<br/>65080-001200</p> <p>8 mm diameter, 100 cm length<br/>65080-001600</p> <p>8 mm diameter, 120 cm length<br/>65080-001700</p> |  |
| <p><b>SPRINKLER SOCKET</b></p> <p>1/2" FTH - 1/2" FTH<br/>65080-004700</p> <p>3/4" FTH - 3/4" FTH<br/>65080-004700</p> |  | <p><b>SPRINKLER SOCKET</b></p> <p>SPR Adap 1" and 3/4" FTH to 3/4" FTH<br/>60101-000500</p> <p>SPR Adap 1" and 3/4" FTH to 1/2" FTH<br/>60101-000501</p>                       |  |   |   |
| <p><b>BUSHING CONNECTOR 3/4" FEMALE - 1/2" MALE</b></p> <p>78220-003900</p>  |  |  |  |   |   |
| <p><b>PRESSURE REGULATOR</b></p> <p>PR.V. 2000 3/4" FTH<br/>3.0 bar 43 PSI<br/>30500-001700</p>                        |  | <p><b>PRESSURE REGULATOR WITH FLOW STRAIGHTENER AND 3/4" SOCKET</b></p> <p>PRV flow regulator assembly 3.0 bar with flow straightener and socket 3/4" FTH<br/>60101-000611</p> |  | <p><b>P.R.V. IN-LINE 3/4" FTH / 1/2" FTH 2.5 BAR 35 PSI</b></p> <p>31000-002200</p>   |  |



## NETAFIM™ FLEXIBLE PIPES FLEXNET™ AND FLEXNET™ HP

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The industry's ideal piping solutions for mainline and distribution laterals applications.

High-performance and cost-efficient products, FlexNet™ and FlexNet™ HP features unique integral welded outlets that lower installation costs while ensuring a secure, leakage-free connection between distribution pipes and laterals.

Available in a wide range of diameters, Netafim's flagship pipe addresses the design requirements of any on-surface or subsurface irrigation deployment.

A thermostatic collapsible irrigation pipe, offers many advantages over other pipe solutions.

They are highly portable, flexible and light weight, thereby reducing manpower, freight, maintenance and storage requirements.

Are also versatile and durable, enabling it to withstand the most stringent climatic and environmental conditions.

The comprehensive Netafim™ flexible pipes solutions are equipped with connector kits and an array of branching and lateral fittings, making them compatible with all Netafim™ systems. Requiring no specialized installation tools and designed for Netafim's industry-leading recoiling machinery, the user – friendly Netafim™ flexible pipes are extremely easy to layout and recoil. Rounding out Netafim's industry-leading drip irrigation offering, they are a cost-effective piping solution that meets the diverse needs of professional growers worldwide.

## FLEXNET™ HP

| DIAMETER | DISTANCE BETWEEN OUTLETS (M) | COIL LENGTH 100 METER |
|----------|------------------------------|-----------------------|
| 2"/51mm  | 5.0                          | 43000-007240          |
| 3"/78mm  | 5.0                          | 43000-010225          |

| DIAMETER | DISTANCE BETWEEN OUTLETS (M) | COIL LENGTH 96 METER |
|----------|------------------------------|----------------------|
| 2"/51mm  | 6.0                          |                      |
| 3"/78mm  | 6.0                          | 43000-010250         |

| DIAMETER | DISTANCE BETWEEN OUTLETS (M) | COIL LENGTH 98 METER |
|----------|------------------------------|----------------------|
| 2"/51mm  | 7.0                          | 43000-007252         |
| 3"/78mm  | 7.0                          | 43000-010270         |

| DIAMETER | DISTANCE BETWEEN OUTLETS (M) | COIL LENGTH 96 METER |
|----------|------------------------------|----------------------|
| 2"/51mm  | 8.0                          | 43000-007275         |
| 3"/78mm  | 8.0                          | 43000-010285         |

| DIAMETER | DISTANCE BETWEEN OUTLETS (M) | COIL LENGTH 99 METER |
|----------|------------------------------|----------------------|
| 2"/51mm  | 9.0                          | 43000-007288         |
| 3"/78mm  | 9.0                          | 43000-010320         |

| DIAMETER | DISTANCE BETWEEN OUTLETS (M) | COIL LENGTH 100 METER |
|----------|------------------------------|-----------------------|
| 2"/51mm  | 10.0                         | 43000-007360          |
| 3"/78mm  | 10.0                         | 43000-010300          |

| DIAMETER | DISTANCE BETWEEN OUTLETS (M) | COIL LENGTH 96 METER |
|----------|------------------------------|----------------------|
| 2"/51mm  | 12.0                         | 43000-007419         |
| 3"/78mm  | 12.0                         |                      |

| DIAMETER | DISTANCE BETWEEN OUTLETS (M) | COIL LENGTH 108 METER |
|----------|------------------------------|-----------------------|
| 2"/51mm  | 14.0                         |                       |
| 3"/78mm  | 14.0                         | 43000-010570          |

| DIAMETER | DISTANCE BETWEEN OUTLETS (M) | COIL LENGTH 108 METER |
|----------|------------------------------|-----------------------|
| 2"/51mm  | 18.0                         |                       |
| 3"/78mm  | 18.0                         | 43000-010590          |

## FLEXNET™

| DIAMETER | DISTANCE BETWEEN OUTLETS (M) | COIL LENGTH 100 METER |
|----------|------------------------------|-----------------------|
| 2"/51mm  | 5.0                          | 43002-000760          |
| 3"/78mm  | 5.0                          |                       |

| DIAMETER | DISTANCE BETWEEN OUTLETS (M) | COIL LENGTH 102 METER |
|----------|------------------------------|-----------------------|
| 2"/51mm  | 6.0                          | 43002-000765          |
| 3"/78mm  | 6.0                          | 43002-002162          |

| DIAMETER | DISTANCE BETWEEN OUTLETS (M) | COIL LENGTH 98 METER |
|----------|------------------------------|----------------------|
| 2"/51mm  | 7.0                          | 43002-000770         |
| 3"/78mm  | 7.0                          |                      |

| DIAMETER | DISTANCE BETWEEN OUTLETS (M) | COIL LENGTH 96 METER |
|----------|------------------------------|----------------------|
| 2"/51mm  | 8.0                          | 43002-000775         |
| 3"/78mm  | 8.0                          |                      |

| DIAMETER | DISTANCE BETWEEN OUTLETS (M) | COIL LENGTH 99 METER |
|----------|------------------------------|----------------------|
| 2"/51mm  | 9.0                          | 43002-000780         |
| 3"/78mm  | 9.0                          |                      |

| DIAMETER | DISTANCE BETWEEN OUTLETS (M) | COIL LENGTH 100 METER |
|----------|------------------------------|-----------------------|
| 2"/51mm  | 10.0                         | 43002-001000          |
| 3"/78mm  | 10.0                         |                       |


| DIAMETER | DISTANCE BETWEEN OUTLETS (M) | COIL LENGTH 96 METER |
|----------|------------------------------|----------------------|
| 2"/51mm  | 12.0                         | 43002-001012         |
| 3"/78mm  | 12.0                         | 43002-002152         |

Missing catalog numbers available upon request


Different coil lengths achieve the need to supply at the beginning and the end of the coil "half" the distance between outlets


## MICRO-TUBES AND TUBES, COMPLEMENTARY ACCESSORIES


|                                    |   |
|------------------------------------|---|
| <b>SPE 6*8 MM BLACK MICRO-TUBE</b> |  |
| 100 meter coil                     | 40000-006510  |
| 200 meter coil                     | 40000-006560  |
| 500 meter coil                     | 40000-006580  |

|                                     |   |
|-------------------------------------|---|
| <b>SPE 9*11 MM BLACK MICRO-TUBE</b> |  |
| 100 meter coil                      | 40000-007510  |
| 500 meter coil                      | 40000-007550  |


|                                     |   |
|-------------------------------------|---|
| <b>SPE 9*12 MM BLACK MICRO-TUBE</b> |  |
| 100 meter coil                      | 40000-005530  |


|                                    |   |
|------------------------------------|---|
| <b>SPE 6*8 MM BLACK MICRO-TUBE</b> |  |
| 60 cm length<br>40000-006160       |   |
| 100 cm length<br>40000-006210      |   |
| 120 cm length<br>40000-006260      |   |
| 120 cm length<br>40000-006310      |   |
| 150 cm length<br>40000-006360      |   |


|  |   |
|--|---|
| <b>SPE 9*11 MM BLACK MICRO-TUBE PIECES</b> |  |
| 60 cm length<br>40000-007001               |   |
| 90 cm length<br>40000-007050               |   |
| 120 cm length<br>40000-007080              |   |
| 150 cm length<br>40000-007110              |   |


|  |   |
|--|---|
| <b>SPE 9*12 MM BLACK MICRO-TUBE PIECES</b> |  |
| 60 cm length<br>40000-005460               |   |
| 90 cm length<br>40000-005480               |   |
| 100 cm length<br>40000-005490              |   |
| 120 cm length<br>40000-005510              |   |
| 150 cm length<br>40000-005520              |   |
| 200 cm length<br>40000-005525              |   |


|   |   |
|---|---|
| <b>PE 16 MM BLACK PIPE (13.2 MM ID - 1.4 MM WT)</b> |  |
| 200 meter coil                                      | 40500-001490  |


|  |   |
|--|---|
| <b>SPE 4*6.5 MM BLACK MICRO-TUBE COILS</b> |  |
| 200 meter coil                             | 40000-004800  |
| 500 meter coil                             | 40000-004900  |


|  |   |
|--|---|
| <b>PE 16 MM BLACK PIPE (13.2 MM ID - 1.4 MM WT) PIECES</b> |  |
| 120 cm length<br>40500-001480                              |   |


|   |   |
|---|---|
| <b>SPE 4*6.5 MM BLACK MICRO-TUBE PIECES</b> |  |
| 30 cm length<br>40000-005040                |   |
| 45 cm length<br>40001-003440                |   |
| 60 cm length<br>40000-005100                |   |
| 75 cm length<br>40001-003460                |   |
| 90 cm length<br>40000-005170                |   |
| 120 cm length<br>40000-005260               |   |
| 150 cm length<br>40000-005340               |   |


|  |   |
|--|---|
| <b>SPE 4*6.5 MM BLACK MICRO-TUBE PIECES + BARB CONNECTOR</b> |  |
| 30 cm length<br>63000-004100                                 |   |
| 46 cm length<br>63000-004500                                 |   |
| 60 cm length<br>63000-005900                                 |   |
| 75 cm length<br>63000-006500                                 |   |
| 90 cm length<br>63000-007200                                 |   |
| 120 cm length<br>63000-008400                                |   |
| 150 cm length<br>63000-009000                                |   |


|   |   |
|---|---|
| <b>SPE 4*6.5 MM BLACK MICRO-TUBE PIECES + BARB CONNECTOR + FEMALE CONNECTOR</b> |  |
| 30 cm length<br>63000-004000  |   |
| 46 cm length<br>63000-004400  |   |
| 60 cm length<br>63000-005800  |   |
| 75 cm length<br>63000-006400  |   |
| 90 cm length<br>63000-007100  |   |
| 120 cm length<br>63000-008300   |   |
| 150 cm length<br>63000-008900   |   |


|   |   |
|---|---|
| <b>SPE 4*6.5 MM BLACK MICRO-TUBE PIECES + MALE CONNECTOR + FEMALE CONNECTOR</b> |  |
| 30 cm length<br>63000-003700  |   |
| 46 cm length<br>63000-004200  |   |
| 60 cm length<br>63000-005500  |   |
| 75 cm length<br>63000-006100  |   |
| 90 cm length<br>63000-006800  |   |
| 120 cm length<br>63000-008000   |   |
| 150 cm length<br>63000-008600   |   |

|  |   |
|--|---|
| <b>SPE 4*6.5 MM BLACK MICRO-TUBE PIECES + MALE CONNECTOR</b> |  |
| 30 cm length<br>63000-003600                                 |   |
| 46 cm length<br>63000-005200                                 |   |
| 60 cm length<br>63000-005400                                 |   |
| 75 cm length<br>63000-006000                                 |   |
| 90 cm length<br>63000-006700                                 |   |
| 120 cm length<br>63000-007900                                |   |
| 150 cm length<br>63000-008500                                |   |

|  |   |
|--|---|
| <b>SSPE 4*6.5 MM GRAY MICRO-TUBE COILS</b> |  |
| 200 meter coil                             | 40000-004850  |
| 500 meter coil                             | 40000-004950  |

|   |   |
|---|---|
| <b>SSPE 4*6.5 MM GRAY MICRO-TUBE PIECES</b> |  |
| 15 cm length<br>40000-005020                |   |
| 30 cm length<br>40000-005070                |   |
| 46 cm length<br>40001-003400                |   |
| 60 cm length<br>40000-005120                |   |
| 75 cm length<br>40001-003420                |   |
| 90 cm length<br>40000-005190                |   |
| 120 cm length<br>40000-005280               |   |
| 150 cm length<br>40000-005360               |   |

|   |   |
|---|---|
| <b>SSPE 4*6.5 MM GRAY MICRO-TUBE PIECES + BARB CONNECTOR + FEMALE CONNECTOR + ASSEMBLY STABILIZER</b> |  |
| 15 cm length<br>63000-003570  |   |
| 30 cm length<br>63000-004060  |   |
| 46 cm length<br>63000-004450  |   |
| 60 cm length<br>63000-005860  |   |
| 75 cm length<br>63000-006450  |   |
| 90 cm length<br>63000-007160  |   |
| 120 cm length<br>63000-008350   |   |
| 150 cm length<br>63000-008950   |   |

|   |   |
|---|---|
| <b>SSPE 4*6.5 MM GRAY MICRO-TUBE PIECES + MALE CONNECTOR + FEMALE CONNECTOR + ASSEMBLY STABILIZER</b> |  |
| 15 cm length<br>63000-003550  |   |
| 30 cm length<br>63000-003820  |   |
| 46 cm length<br>63000-004320  |   |
| 60 cm length<br>63000-005620  |   |
| 75 cm length<br>63000-006220  |   |
| 90 cm length<br>63000-006920  |   |
| 120 cm length<br>63000-008120   |   |
| 150 cm length<br>63000-008720   |   |



FROSTIE  
FROST MITIGATION  
CONTROLLER.  
SINGLE STATION VALVE  
CONTROLLER POWERED BY  
2 AA ALKALINE BATTERIES.  
BUILT IN PRECISION  
TEMPERATURE AND  
HUMIDITY SENSORS.



00045-001620

PRODUCTS DISPLAY BOX



63000-012600

## TOOLS

|                                  |   |   |   |   |   |
|----------------------------------|---|---|---|---|---|
| PUNCH 3 MM                       |    | PUNCH 8 MM                                |      | SPIRAL PUNCH 3 MM FOR 12 TO 32 MM PIPE DIAMETER |  |
| 45000-001000                     |   | 45000-001400                              |   | 45000-001630                                    |   |
| PUNCH 3 MM + INSERTER            |   | PUNCH 8 MM + INSERTER                     |   |   |   |
| 45000-001320                     |   | 45000-001450                              |   |   |   |
| SCREW PUNCH , 8 MM               |  | PUNCH 3 MM FOR 16 AND 20 MM PIPE DIAMETER |  |   |   |
| 45000-002400                     |   | 45000-001600                              |   |   |   |
| CONNECTORS AND FITTINGS INSERTER |  |   |   |   |   |
| 45000-002270                     |   |   |   |   |   |

