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 Hydro-cyclone filter 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/hr, and Black for flows of 50 to 110 l/h.

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

<table>
<thead>
<tr>
<th>MODEL</th>
<th>FLOW RATE (L/H)*</th>
<th>NOZZLE CODE COLOR</th>
<th>NOZZLE SIZE (MM)</th>
<th>WORKING PRESSURE RANGE (BAR)</th>
<th>CONSTANT</th>
<th>EXPONENT*</th>
<th>WETTED DIAMETER (M)</th>
<th>SWIVEL (ROTOR) CODE COLOR</th>
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<tbody>
<tr>
<td>020</td>
<td>20</td>
<td>Purple</td>
<td>0.89</td>
<td>1.5 - 4.0</td>
<td>20</td>
<td>0</td>
<td>4.5</td>
<td>Purple</td>
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<tr>
<td>030</td>
<td>30</td>
<td>Brown</td>
<td>1.14</td>
<td>1.5 - 4.0</td>
<td>30</td>
<td>0</td>
<td>6.0</td>
<td>Purple</td>
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<tr>
<td>035</td>
<td>35</td>
<td>Light Blue</td>
<td>1.20</td>
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<td>35</td>
<td>0</td>
<td>6.0</td>
<td>Purple</td>
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<tr>
<td>040</td>
<td>40</td>
<td>Blue</td>
<td>1.28</td>
<td>1.5 - 4.0</td>
<td>40</td>
<td>0</td>
<td>6.0</td>
<td>Purple</td>
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<tr>
<td>050</td>
<td>50</td>
<td>Green</td>
<td>1.43</td>
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<td>50</td>
<td>0</td>
<td>7.0</td>
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<td>Gray</td>
<td>1.56</td>
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<td>0</td>
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<td>1.73</td>
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<td>0</td>
<td>7.0</td>
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<td>Orange</td>
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<td>0</td>
<td>7.0</td>
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<td>110</td>
<td>110</td>
<td>Red</td>
<td>1.70</td>
<td>2.0 - 4.0</td>
<td>110</td>
<td>0</td>
<td>8.0</td>
<td>Black</td>
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*within working pressure range

PACKAGING DATA

<table>
<thead>
<tr>
<th>SUPERNET™ LR &amp; LRD</th>
<th>QUANTITY P/BOX UNITS</th>
<th>BOX SIZE (CM X CM X CM)</th>
<th>BOX WEIGHT (KG)</th>
<th>BOXES P/PALLET</th>
<th>TOTAL UNITS P/PALLET</th>
<th>PALLET WEIGHT (KG)</th>
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<tbody>
<tr>
<td>Head only</td>
<td>500</td>
<td>28 x 28 x 57</td>
<td>10.1</td>
<td>32</td>
<td>16000</td>
<td>335</td>
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<td>Complete stand , 60 cm micro tube length ,w/stake</td>
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<td>18 x 34 x 79</td>
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<td>2000</td>
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<tr>
<td>Complete stand , 60 cm micro tube length ,w/o stake</td>
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<td>18 x 34 x 79</td>
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<td>1600</td>
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<td>28 x 27 x 113</td>
<td>6.7</td>
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<td>3200</td>
<td>117</td>
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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.

EMITTER: SuperNet™ SPN

DISPERSION DEFLECTOR: Long Range LR Long Range with deflector LRD

HEAD INLET CONNECTOR: Barb BIC Press fit MIC Self tapping STIC 3/8" Male Threaded 3/8IC 1/2" Male Threaded 1/2IC

UPPER BEARING: Everspin™ ESUB Standard STUB

FLOW: 20 l/h 020 30 l/h 030 35 l/h 035 40 l/h 040 50 l/h 050 58 l/h 058 70 l/h 070 90 l/h 090 110 l/h 110

STAND ASSEMBLY: Head only HEAD ONLY Head + 60 cm microtube + Stake 60CM W/DSTK Head + 90 cm microtube + Stake 90CM W/DSTK Head + XXX cm microtube + Stake STL W/DSTK


ACCESSORIES: Stream splitter SP AD valve 1.5/0.7 bar AD valve 2.0/0.9 bar AD valve 3.0/1.5 bar AD valve 4.5/1.8 bar

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