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 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.
- 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

<table>
<thead>
<tr>
<th>MODEL</th>
<th>NOZZLE CODE COLOR</th>
<th>NOZZLE SIZE (MM)</th>
<th>CONSTANT K</th>
<th>EXPONENT X</th>
<th>MAXIMUM WORKING PRESSURE (BAR)</th>
<th>WETTED DIAMETER (M)</th>
<th>SWIVEL (ROTOR) CODE COLOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>027</td>
<td>Brown</td>
<td>0.75</td>
<td>6.7</td>
<td>0.5</td>
<td>2.5</td>
<td>4.0</td>
<td>Purple</td>
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<tr>
<td>040</td>
<td>Blue</td>
<td>0.90</td>
<td>9.4</td>
<td>0.5</td>
<td>2.5</td>
<td>5.5</td>
<td>Purple</td>
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<tr>
<td>058</td>
<td>Gray</td>
<td>1.10</td>
<td>13.5</td>
<td>0.5</td>
<td>2.5</td>
<td>7.0</td>
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<tr>
<td>070</td>
<td>Black</td>
<td>1.20</td>
<td>17.4</td>
<td>0.5</td>
<td>2.5</td>
<td>7.0</td>
<td>Black</td>
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<tr>
<td>090</td>
<td>Orange</td>
<td>1.40</td>
<td>22.4</td>
<td>0.5</td>
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<td>7.0</td>
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<tr>
<td>120</td>
<td>Red</td>
<td>1.57</td>
<td>28.8</td>
<td>0.5</td>
<td>2.5</td>
<td>8.0</td>
<td>Black</td>
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<tr>
<td>150</td>
<td>Sky Blue</td>
<td>1.77</td>
<td>37.5</td>
<td>0.5</td>
<td>2.5</td>
<td>8.5</td>
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<td>Yellow</td>
<td>2.04</td>
<td>49.1</td>
<td>0.5</td>
<td>2.5</td>
<td>9.5</td>
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<tr>
<td>250</td>
<td>Purple</td>
<td>2.28</td>
<td>61.9</td>
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<td>2.5</td>
<td>10.0</td>
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<tr>
<td>300</td>
<td>Green</td>
<td>2.48</td>
<td>73.2</td>
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<td>2.5</td>
<td>11.0</td>
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PACKAGING DATA

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<thead>
<tr>
<th>GYRONET™ &amp; LRD</th>
<th>QUANTITY P/BOX</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>1000</td>
<td>28 x 28 x 57</td>
<td>12.5</td>
<td>32</td>
<td>32000</td>
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<td>Complete stand (60 cm) w/stake</td>
<td>100</td>
<td>18 x 34 x 79</td>
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<td>2000</td>
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<td>Complete stand (60 cm) w/o stake</td>
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<td>18 x 34 x 79</td>
<td>7.1</td>
<td>20</td>
<td>5000</td>
<td>153</td>
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<tr>
<td>Complete stand (90 cm) w/stake</td>
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<td>28 x 27 x 113</td>
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<td>2700</td>
<td>147</td>
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<tr>
<td>Complete stand (90 cm) w/o stake</td>
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<td>28 x 27 x 113</td>
<td>8.1</td>
<td>18</td>
<td>3600</td>
<td>155</td>
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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.

EMITTER
- GyroNet™ GYR
  - Long Range with deflector
  - Long Range

DISPERSION DEFLECTOR
- LR
  - LRD

HEAD INLET CONNECTOR
- Press fit male
- Self tapping
- 3/8" male threaded
- STIC
- ESUB
- STIC

UPPER BEARING
- Everspin™ Standard
- STUB

FLOW
- 27 l/h
- 40 l/h
- 58 l/h
- 70 l/h
- 90 l/h
- 120 l/h
- 150 l/h
- 200 l/h
- 250 l/h
- 300 l/h

STAND ASSEMBLY
- Head only
- Head + 60 cm microtube + Stake
- Head + 60 cm microtube + Stake
- Head + 90 cm microtube + Stake
- Head + 90 cm microtube + Stake
- Head + XXX cm microtube + Stake
- Head + XXX cm microtube + Stake

CONNECTOR TO LATERAL
- Barb
- Press fit
- 3/8" conic press fit

ACCESSORIES
- Steam splitter
- AD valve
- AD16

WWW.NETAFIM.COM
E-MAIL: PRODUCTS_SOLUTIONS@NETAFIM.COM