



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 Hydrocyclon 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.
- 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 fighting and/or Cooling irrigation systems.
- Long-term reliable service:
Simple, modular parts
Clog-resistant design

SUPERNET™ TECHNICAL DATA

| MODEL | FLOW RATE (L/H)* | NOZZLE CODE COLOR | NOZZLE SIZE (MM) | WORKING PRESSURE RANGE (BAR) | CONSTANT K | EXPONENT* | 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 | Ligth 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 WEIGHTH (KG) | BOXES P/PALLET | TOTAL UNITS P/PALLET | PALLET WEIGHTH (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 |

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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.

