



PULSAR™ WITH MISTNET™ HEAD

PRESSURE COMPENSATED PULSATOR



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 pulsator chamber inlet, pulsator tubing 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 sand separator 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 m³/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

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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.

