



## PULSAR™ WITH STRIPNET™ HEAD

### PRESSURE COMPENSATED PULSATOR



#### 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 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-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 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: 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.

## 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+StripNet)	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.

