**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 m³/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.
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.

### Packaging Data

<table>
<thead>
<tr>
<th>PULSAR™</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>
</tr>
</thead>
<tbody>
<tr>
<td>Head only (UR tube+AD valve+StripNet)</td>
<td>150</td>
<td>36 x 31 x 53</td>
<td>7.2</td>
<td>18</td>
<td>2700</td>
<td>142</td>
</tr>
<tr>
<td>Complete UR stand (120 cm.) w/o stake</td>
<td>50</td>
<td>28 x 27 x 113</td>
<td>8.8</td>
<td>16</td>
<td>800</td>
<td>141</td>
</tr>
<tr>
<td>Complete UR stand (200 cm.) w/o stake</td>
<td>50</td>
<td>28 x 27 x 113</td>
<td>9.2</td>
<td>16</td>
<td>800</td>
<td>147</td>
</tr>
</tbody>
</table>

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Flowchart to determine the desired product definition

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<table>
<thead>
<tr>
<th>PRODUCT</th>
<th>STAND</th>
<th>FLOW</th>
<th>EMITTER</th>
<th>AD VALVE</th>
<th>STAND ASSEMBLY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pulsar™ PLSR</td>
<td>Upright UR</td>
<td>Without flow regulator (000)</td>
<td>StripNet™ STR31</td>
<td>AD blue pin ADBLUP</td>
<td>Complete head (without micro tube and flow regulator) HEAD</td>
</tr>
</tbody>
</table>

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