

Pulsar™ + StripNet™ X

PRESSURE-COMPENSATED EMITTER

A unique pressure-compensated micro-sprinkler, for efficient crop protection: Frost mitigation & heat protection for intensive and dense crops. Performed by spreading a stripe of water, focused over the trees row.



Water and energy savings



Multi-disciplinary uses



Long-lasting performance

Applications



Efficient frost mitigation in vineyards or other narrow stripe crops



Efficient cooling for intensive-dense crops

/ Benefits & Features

→ Maximize the water-use efficiency, highly-focus and exact protection on the density crop top

Pulsar™ + StripNet™ X is designed for wide-stripe water distribution, using less than 50% of the water required by full-coverage sprinkler systems

→ Ensures high frost mitigation and cooling performance

Pulsar™ + StripNet™ X is designed specially for effective coverage of dense and intensive crop plantation

Pulsar™ + StripNet™ X is a pressure-compensated dynamic micro-sprinkler ensuring uniform performance along the field even across hilly terrains and long rows

Pulsar™ + StripNet™ X consists of a pressure-compensated dripper, a micro tube, a Pulsar chamber with an air bag inside, an anti- drain valve and StripNet™ X micro-sprinkler head

→ Reduced system & energy cost

Innovative hydraulic pulsation technology enables protecting more area with the lowest possible flow rate. The Pulsar™ provides several pulses per minute, while ensuring continuous irrigation over a large area for many hours

The unique pulsation mechanism allows each emitter to cover a large range while maintaining low flow, allowing reduction of emitter units per hectare, infrastructure cost, and water consumption



→ Easy installation

Pulsar™ is easy to installed thanks to a unique mounting adapters suiting any type of stands (metal poles, stands or between wires)

→ Simple maintenance

The product is modular and can be disassembled easily for maintenance

→ Long-lasting performance

Pulsar™ + StripNet™ X is made of plastic-resistant materials to standard nutrients used in agriculture

/ Specifications & Recommendations

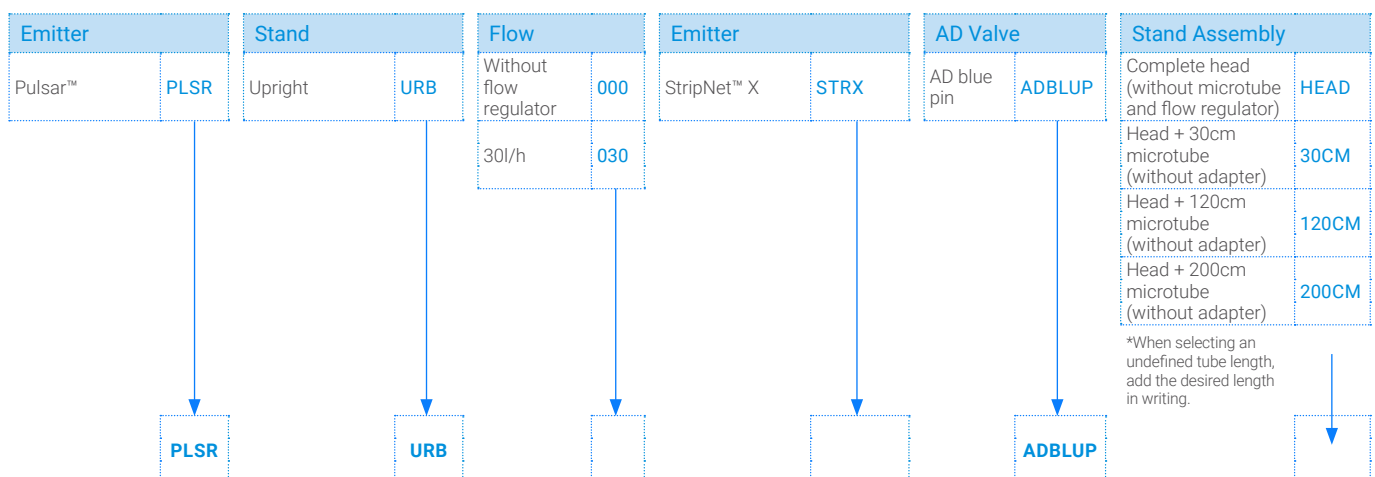
- ✓ One Flow Rate: 30l/h
(flow rate is defined by the PCJ dripper)
- ✓ Minimum Pressure at the AD Valve: 2.5bar
- ✓ Pressure Regulation Range: 2.5-4.0bar
- ✓ Water distribution pattern: rectangular water covering - Stripe of up to 1.2meter.
Provides water stripe for 2 directions - vertical to the blue wings of the StripNet™ X body
- ✓ Installation recommendations:
 - The recommendation distance between emitters is 5.0meters to achieve overlapping of the water.
 - Vertical installation of the product 50cm above tree-top
 - StripNet™ X alignment: Install the StripNet™ X along the line, while the blue wings of the StripNet™ X body are vertical to the crop-row
- ✓ Color Code: PCJ Dripper: Colored coded according to the flow rate: 30l/h orange & brown
- ✓ Recommended filtration*: 130mic. / 120mesh

***Note:** Filtration method shall be selected based on the type and concentration of the dirt particles contained in the water. Wherever sand exceeding 2ppm exists in the water, a Hydrocyclone shall be installed before the main filter. Wherever sand/ silt/ clay solids exceed 100ppm, pre-treatment shall be applied according to Netafim™ instructions

→ Ordering Information

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.



→ Description And Catalog Number Sample

PLSR URB 030 STRX ADBLUP 200CM

Catalog Number: 63700-000034

Product components: Pulsar™, flow regulated dripper of 30l/h, 200cm microtube, Pulsar tube with barb inlet connector, AD valve with blue pin and StripNet™ X head

→ Packaging Data

Pulsar™ with StripNet™ X	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 Pulsar Body + AD Valve + Stripnet X)	150	36 x 31 x 53	7.2	18	2700	142
Complete UR Stand + 120cm Tube W/O Stake	80	28 x 27 x 113	8.8	16	1280	141
Complete UR Stand + 200cm Tube W/O Stake	80	28 x 27 x 113	9.2	16	1280	147

→ Other Active Catalog Numbers

Product Description	Catalog Number
PLSR URB 000 STRX ADBLUP HEAD	63700-000042
PLSR URB 030 STRX ADBLUP 30CM	63700-000041
PLSR URB 030 STRX ADBLUP 100CM	63700-000036
PLSR URB 030 STRX ADBLUP 150CM	63700-000033
PLSR URB 030 STRX ADBLUP 200CM	63700-000034
PLSR URB 030 STRX ADBLUP 350CM	63700-000035

*Other catalog numbers, according to desired product definition, available upon request.

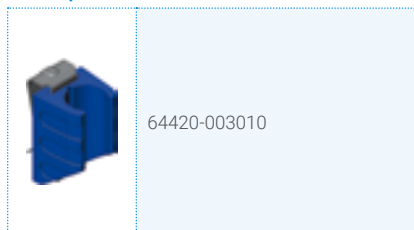
→ Assembly Options

Pulsar™ UR can be assembled in one of the following ways:

Clamp For Wood Poles



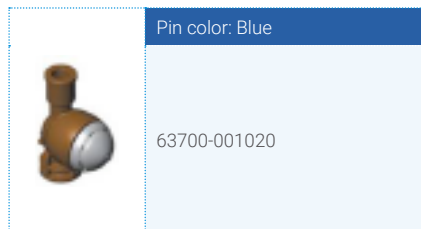
Clamp For Metal Stakes



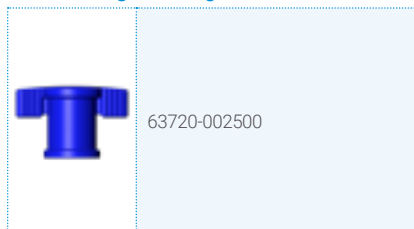
Adapter To Metal/Fiberglass Rods



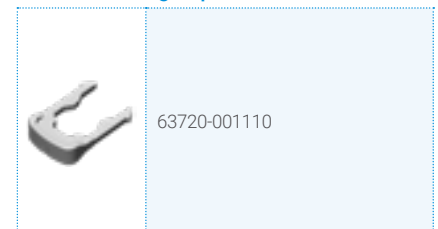
Pulsar AD Valve



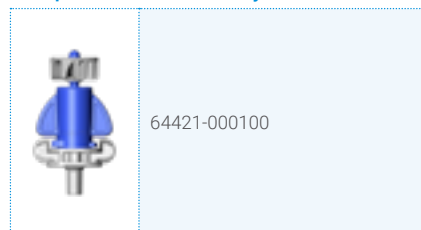
Pulsar Plug - To Plug The Pulsar Tube



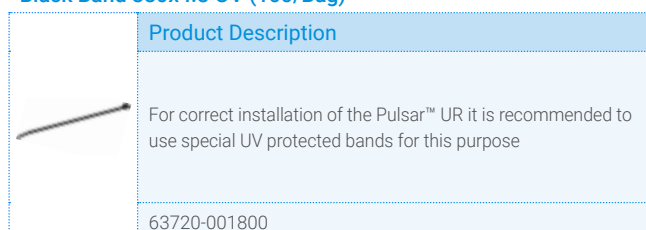
Pulsar Locking Clip



StripNet X Mic Head Only



Black Band 380x4.8 UV (100/Bag)



Frostie Controller

