

Pulsar™ with StripNet™ Head

PRESSURE-COMPENSATED EMITTER

For efficient frost mitigation in narrow stripe crops.



Water and Energy Savings



High Frost Mitigation and Cooling Performance



Long-Lasting Performance

Applications



Efficient frost mitigation in vineyards or other narrow stripe crops



Efficient stripe cooling

Benefits & Features

Water and energy savings

- ✓ Pulsar™ with StripNet™ offers narrow water distribution shape using 70% less water and energy than standard full-coverage sprinkler systems

Ensures high frost mitigation and cooling performance

- ✓ Pulsar™ with StripNet™ is a pressure compensated static micro-emitter ensures uniform performance along the field even across hilly terrain and long rows. It consists of a Pressure Compensated dripper, a micro tube, a Pulsar chamber with an air bag inside, an Anti Drain valve and micro-emitter head
- ✓ It provides several pulses per minute, according to the selected flow rate, ensure 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
- ✓ The product assists to avoid soil saturation and flooding is avoided even after many hours of irrigation

Easy installation

- ✓ The Pulsar with StripNet has a unique mounting bracket on the vineyard posts (wood or metal) or adapter to mount between wires

Simple maintenance

- ✓ The product is modular and can be disassembled easily for maintenance

Long-lasting performance

- ✓ Pulsar™ with StripNet™ is made of plastic materials resistant to standard nutrients used in agricultural and weather conditions



Specifications & Recommendations

- **3 different flow rates:** 12, 15, 20 L/H
- **Minimum pressure at the AD valve:** 2.5 bar
- **Locking clip** for physical lock or double lock in between the Pulsar body to the AD valve
- **Pressure regulation range:** 2.5-4.0 bar
- **Water distribution pattern:** Rectangular water covering (stripe)
- **2 nozzles types:**
 - **For 50 cm stripe width coverage:** Single active nozzle of the StripNet head, colored brown. And plug nozzle colored black
 - **For 70 cm stripe width coverage:** 2 active nozzle of the StripNet head, both colored green

- **Installation recommendations:**
 - The recommendation distance between emitters is up to 5.0 meters to achieve overlapping of the water
 - Vertical installation of the product. 50cm above vineyard tree-top
- **Color code:**
 - 1 Single active nozzle of the StripNet head, colored brown. And plug nozzle colored black
 - 2 Active nozzles of the StripNet head colored green
 - PCJ Dripper: Colored coded according to the flow rate: 12 L/H Fuchsia, 15 L/H Black, 20 L/H orange
- **Recommended filtration*:** 130 micron / 120 mesh

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

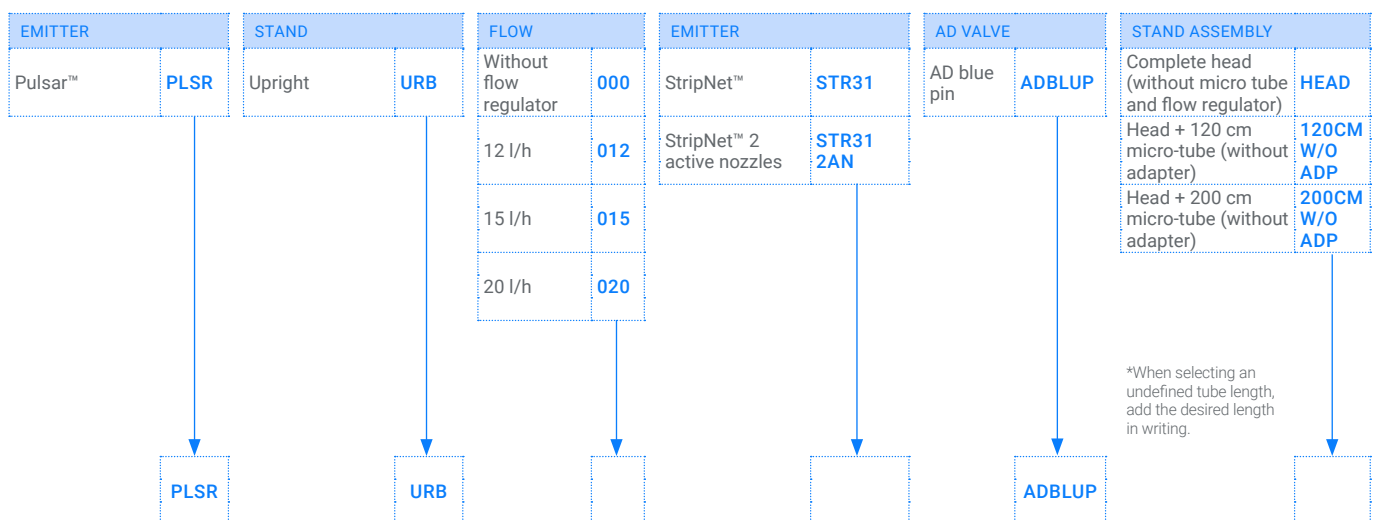
PACKAGING DATA

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	80	28 X 27 X 113	8.8	16	1280	141
COMPLETE UR STAND (200 CM.) W/O STAKE	80	28 X 27 X 113	9.2	16	1280	147

→ 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

PRODUCT DESCRIPTION	PLSR URB 012 STR31 ADBLUP 150CM
PRODUCT COMPONENTS	Pulsar™, flow regulated, 12 l/h, 150 cm micro-tube, Pulsar tube with barb inlet connector, AD valve with blue pin, StripNet™ head with 1 active nozzle (Brown)
CATALOG NUMBER	63700-005010

→ OTHER ACTIVE CATALOG NUMBERS

MODEL	PRODUCT DESCRIPTION	CATALOG NUMBER
1 ACTIVE NOZZLE (1 BROWN NOZZLE + BLACK PLUG)	PLSR URB 012 STR31 ADBLUP 120CM	63700-005000
	PLSR URB 012 STR31 ADBLUP 150CM	63700-005010
	PLSR URB 012 STR31 ADBLUP 200CM	63700-005100
	PLSR URB 015 STR31 ADBLUP 200CM	63700-005150
	PLSR URB 020 STR31 ADBLUP 200CM	63700-005160
2 ACTIVE NOZZLES (2X GREEN NOZZLES)	PLSR URB 012 STR31 2AN ADBLUP 30CM	63700-004960
	PLSR URB 012 STR31 2AN ADBLUP 200CM	63700-005110
	PLSR URB 012 STR31 2AN ADBLUP 400CM	63700-000010

*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

	64420-003100
---	--------------


CLAMP FOR METAL STAKES

	64420-003010
---	--------------


ADAPTER TO METAL/FIBERGLASS RODS

	6.0 MM ROD	BLUE	63520-005950
	8.0 MM ROD	BLACK	63520-005970


BLACK BAND 380*4.8 UV (100/BAG)

	FOR CORRECT INSTALLATION OF THE PULSAR™ UR IT IS RECOMMENDED TO USE SPECIAL UV PROTECTED BANDS FOR THIS PURPOSE	63720-001800
--	---	--------------


PULSAR AD VALVE

	PIN COLOR	BLUE	63700-001020
--	-----------	------	--------------


FROSTIE CONTROLLER

	PRODUCT DESCRIPTION	CATALOG NUMBER
	Frost mitigation controller. Single station valve controller powered by 2 AA alkaline batteries. Built in precision temperature and humidity sensors.	00045-001620

PULSAR PLUG - TO PLUG THE PULSAR TUBE

	63720-002500
---	--------------

PULSAR LOCKING CLIP

	63720-001110
---	--------------