

# Pulsar™ with CoolNet™ Pro Head

Pressure compensated emitter for cooling and humidification in upside down installation.



Simple Operation



Pressure Compansated

Applications



Air Cooling in greenhouses



Increase relative humidity in greenhouses

## Benefits & Features

### Simple operation

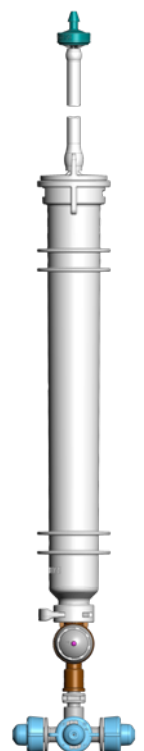
- ✓ Pulsar™ with CoolNet™ Pro design to provide several pulses per minute, according to the selected flow rate, ensure continuous water distribution over a large area in full coverage

### Pressure compensated

- ✓ Pulsar™ with CoolNet™ Pro is a pressure compensated device with static micro-emitter ensures equal amounts of water are delivered over a pressure range, with high uniformity of water distribution along the laterals. It consists of a Pressure Compensated dripper, a micro tube, a Pulsar chamber with an air bag inside, an Anti Drain valve and CoolNet™ Pro head

### Easy installation & maintenance

- ✓ Pulsar™ with CoolNet™ Pro is designed for upside-down installation
- ✓ The product is modular and can be disassembled easily for maintenance
- ✓ The product is made of plastic materials resistant to standard nutrients used in agricultural



# Specifications & Recommendations

- **5 different flow rates:** 8, 12, 15 L/H
- **Minimum pressure at the AD valve:**  
3.5 bar for anti drain Valve with purple pin
- **Locking clip** for physical lock or double lock in between the Pulsar body to the AD valve
- **Pressure regulation range:** 3.5-4.0 micro-emitter type: CoolNet™ Pro 14.0 x 4 cross model
- **Pulse operation:** The pulse on-time and off-time is depended on the dripper flow rate and can't be contoller by system controller as done with standalone CoolNet™ Pro
- **Installation recommendations:**
  - 3.0 x 3.0m rectangular pattern, as high it is possible, all the emitters at the same level
  - Upside installation
- **Color code:**
  - **CoolNet Pro nozzle color code:** 4X14.0 1 Sky Clue
  - **PCJ Dripper:** Colored coded according to the flow rate: 8 L/H Green, 12 L/H Fuchsia, 15 L/H Black
- **Note:** To assure proper operation of the pulsar in upside-down installation, verify that the hydraulic system includes air release valves. According to Netafim expert team's instructions
- **\*Recommended filtration:**  
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

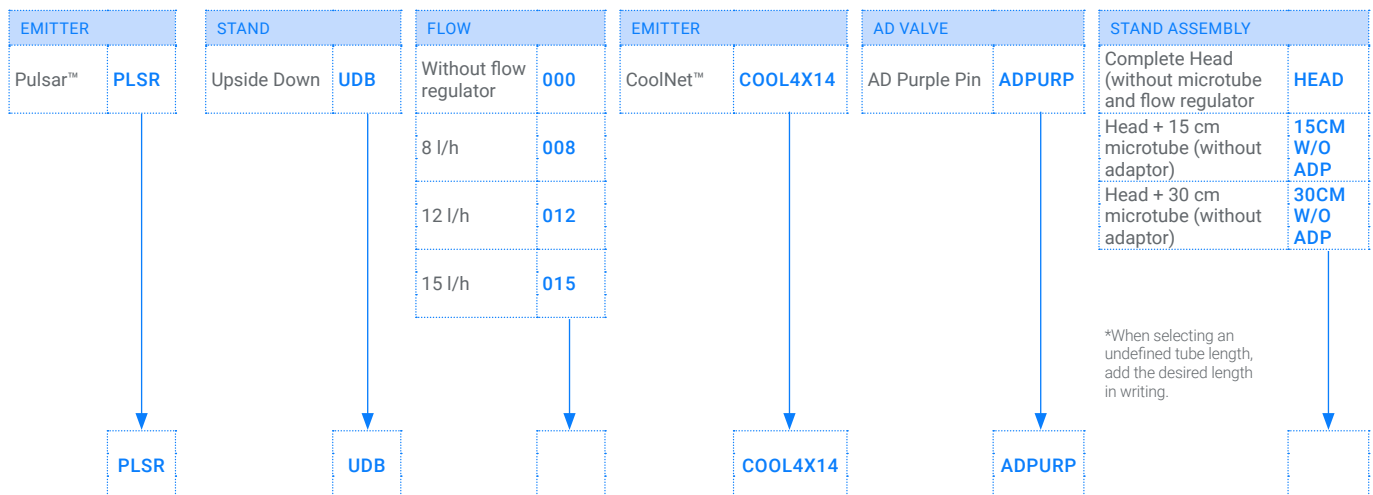
## → PACKAGING DATA

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)
COMPLETE UD STAND (30 CM)	100	28 X 27 X 113	7.6	16	1,600	122

## → 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 UDB 008 COOL4X14 ADPURP 15CM**

**CATALOG NUMBER: 63700-004300**

**Product components:** Pulsar™, Flow regulator 8.0 l/h, 15 cm gray micro-tube, tube with barb inlet connector, AD valve with purple pin, CoolNet™ Pro head.