

# **COOLNET™ PRO**

**SUPER-FINE MISTER** 



#### **APPLICATIONS:**

Super-fine static mister especially designed for cooling and humidifying greenhouses and livestock, and for irrigating over rooting tables.

### **SPECIFICATIONS:**

- Bridgeless design.
- Static mister, 2 different flow rates: 5.5 , 7.5 l/h & a plugged nozzle Nominal flow rates at 4.0 bar pressure.
- Pressure range 3.0 5.0 bar.
- Recommended filtration: 130 micron / 120 mesh

Filtration method is to be selected based on the kind and concentration of the dirt particles existing in the water. Wherever sand exceeding 2 ppm exists in the water, a Hydrocyclon filter is to be installed before the main filter. When sand/ silt/ clay solids exceed 100ppm, pre treatment will be applied according to Netafim™ expert team's instructions.

Inlet connector:

Press fit

3 different configurations:

Cross, 4 nozzles

"T", 2 nozzles

Straight, 1 nozzle

The nozzles are code color colored

5.5 l/h. light green

7.5 I/h. silver gray

Plugged nozzle: orange

#### **FEATURES AND BENEFITS:**

- Bridgeless design eliminates dripping.
- Interchangeable components.
- Acid resistant (AA) raw materials, thus allowing the application chemicals to pass through the system. The system can be cleaned by application of suitable acid treatments.
- Micro sized droplets, at a relatively low pressure of 4.0 bar the CoolNet<sup>™</sup> Pro uniformly distributes an average drop size of 65 micron.
- Specially designed for cooling, humidifying and rooting tables.
- Strongly recommended to connect the CoolNet<sup>™</sup> Pro to the distribution pipe with a SSPE (super soft PE) microtube, a specifically designed stabilizer and AD valve (anti-drain) that will prevent distribution pipe drainage.



## **PERFORMANCE DATA**

MODEL	NOZZLE CODE COLOR	NOZZLE SIZE (MM.)	RECOMMENDED WORKING PRESSURE (BAR)	CONSTANT K	EXPONENT X	
055	Light green	0.51	4.0 to 5.0	1.03	0.45	
075	Silver gray	0.61	4.0 to 5.0	1.40	0.45	

## **PACKAGING DATA**

COOLNET™ PRO	QUANTITY P/BOX UNITS	BOX SIZE (CM. X CM. X CM.)	BOX WEIGTH (KG.)	BOXES P/PALLET	TOTAL UNITS P/PALLET	PALLET WEIGTH (KG.)
Head , cross unit with male conn	750	18x34x79	11.0	20	15000	220
Complete stand (30 cm.) w/stabilizer & AD valve	150	28x28x57	10.1	32	4800	323
Complete stand (60 cm.) w/stabilizer & AD valve	100	18x34x79	8.2	20	2000	185
Head , T unit with male conn	1000	28x28x57	14.8	32	32000	474
Complete stand (30 cm.) w/stabilizer & AD valve	200	28x28x57	11.0	32	6400	352
Complete stand (60 cm.) w/stabilizer & AD valve	100	18x34x79	8.2	20	2000	173
Head , one outlet	5000	18x34x79	21.5	20	100000	430

## COOLNET™ PRO

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.

EMITTER	NOZZLE'S NUMBER	HEAD INLET CONNECTOR		FLOW		STAND ASSEMBLY		CONNECTOR TO LATERAL		ACCSESORIES										
CoolNet™ Pro CoolPro	One 1 straight	Press fit male	MIC	5.5 l/h.	005	Head only	HEAD ONLY	Barb	ВС	AD valve 2.0/0.9	AD20									
	Two on 2	maio		7.5 l/h.	7.5 l/h.	7.5 l/h.	7.5 l/h.	007	Head + 15 cm.	45014	Press fit	PFC	bar AD valve							
	a "T"					microtube + Stabilizer	15CM W/STB	3/8" conic	3/8C	3.0/1.5 bar	AD30									
	Four on a cross 4														Head + 30 cm microtube +		press fit		AD valve 4.0/1.8 bar	AD40
														Stabilizer Head + 60 cm		M11 press fit	M11C	Dai		
						microtube + Stabilizer	60CM W/STB													
						Head + 90 cm microtube + Stabilizer	90CM W/STB													
						Head + XXX cr microtube + Stabilizer	m. XXXCM W/STB													
	•	1 [				*When selectin undefined tube add the desired writing. ** standard sup micro-tube : 4*( colored light gra	length, length in oplied 5.5 SSPE		•	ſ										