

VIBRO MIST

Upside-Down Vibrodynamic Mister

Applications

- Ideal for humidifying closed environments such as green houses and tunnels thanks to the reduced diameter and outstanding uniformity of distribution
- Particularly suitable for in green-house seed germination and rooting
- Suspended powder control

Features

- Structure of the body that avoids dripping and shaded sections
- Diameter of the drops atomised, approx. 50 micron at 3 bar
- Structure of the nozzle that prevents the accumulation of particles and deposits thanks to the vibrations of the NIDDLE
- Installation with anti-drip option avoids the water from the atomisers from draining and permits them to start together at the beginning of each irrigation cycle
- C.U. recommended 85%

Specifications

- Recommended operating pressure: 2 bar
- Recommended filtration: 150 micron.

Mod. 20 l/h @ bar

RECTANGULAR SPACING • Distribution uniformity (% CU) • Distance between atomisers (m) at 100 cm off the ground

Distance between lines (m)	1.00 % CU	1.25 % CU	1.50 % CU	1.75 % CU	2.00 % CU	2.25 % CU	2.50 % CU
1.00	84	89	88	86	81	71	
1.25	89	95	95	92	85	76	66
1.50	88	95	95	92	85	76	66
1.75	86	92	92	91	85	76	
2.00	81	85	85	85	83	75	
2.25	71	76	76	76	75		
2.50		66	66				
2.75							
3.00							

SINGLE FILE • Distribution uniformity (% CU) • Distance between atomisers (m) at 100 cm off the ground

Distance between lines (m)	1.00 % CU	1.25 % CU	1.50 % CU	1.75 % CU	2.00 % CU	2.25 % CU	2.50 % CU
1.25	79	89	89	88	83	75	66
1.50	75	73	73	73	72	69	
1.75	71	73	73	73	72	69	
2.00	67	73	73	73	72	69	



Codes:

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Vibro Mist

Performance chart

Nozzle Colour code	Pressure (bar)	Flow rate (l/h)	Ø	
			(m)*	(m)**
Purple	1,4	18	2.5	2.5
	2,0	21	3.0	3.0
	2,5	24	3.0	3.0
	3,0	26	3.0	3.0
Blue	1,4	35	3.5	3.5
	2,0	42	4.0	4.0
	2,5	47	4.0	4.0
	3,0	51	4.0	4.0

*100 cm off the ground **150 cm off the ground

Mod. 40 l/h @ 2 bar

1.00 % CU	1.25 % CU	1.50 % CU	1.75 % CU	2.00 % CU	2.25 % CU	2.50 % CU	2.75 % CU	3.00 % CU
90	90	90	90	88	85	76	71	
90	97	98	98	95	89	80	71	
90	98	98	98	95	88	80	71	
90	98	98	97	94	89	80	71	
88	95	95	94	93	88	80		
85	89	88	89	88	86	79		
76	80	80	80	80	79			
	71	81	71	71				