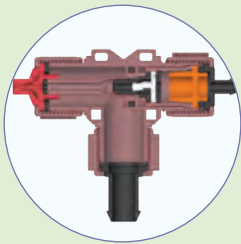


Turbo Fog

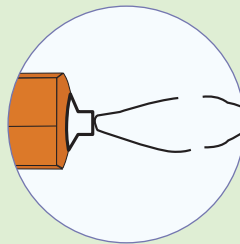


Features & Benefits



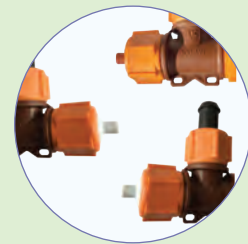
Ultra Fine Droplet Size 3 Micro & Adjustable Flow Rate Start from 1.3 lph

Fully adjustable droplet size (from 3 microns up to 120microns).



Significant Energy Saving

Maximum efficiency at Air and Liquid low pressure operating conditions,



Lowest Risk of Clogging

TURBO FOG is available in three large sized nozzles, i.e. 0.8 mm, 1.0 mm and 1.2 mm not susceptible to clogging.



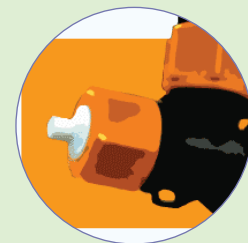
Atomising Spray Homogeneity

Patented air-water mixing technology makes uniform droplet size distribution.



Easy Installation

TURBO FOG nozzle connection to any air and liquid flexible and/or rigid feeding pipes via clamps, direct connection, micro-tube etc.



TURBO FOG Nozzle Manufactured in Polymers

Long service life, Resistant to any chemical or sun-ray attack.

Turbo Fog

Additional Features

- Fogger flow rate can be simply varied at any time by regulating the water and/or air pressure.
- Low maintenance & Minimum compressed air flow rate consumption.
- No need of special filters, RO system and /or decalcification water treatment.
- 8m long atomising spray distance (adjustable according to air/water ratio).
- No abrasion or wear.
- Easy to install fittings for air and water line connection.

Application

- Cooling
- Humidification
- Water dissolved
- Phytosanitary
- Disinfectant
- Vaccination
- Foliar treatment etc.
- Odor neutralisation
- Dust suppression
- Static Electricity elimination

Technical Specification

Item	Compressed Air Pressure (kg/cm ²)	water pressure (kg/cm ²)	Compressed air consumption per nozzle (m ³ /hr)	0.8mm			1.0 mm				1.2 mm			
				Water Flow Rate per Nozzle (lph)	Fog Spray Distance (m)*	Mean Droplet Size (Microns) **	Com-pressed air consumption per nozzle (m ³ /hr)	Water Flow Rate per Nozzle (lph)	Fog Spray Distance (m)*	Mean Droplet Size (microns) **	Com-pressed air consumption per nozzle (m ³ /hr)	Water Flow Rate per Nozzle (lph)	Fog Spray Distance (m)*	Mean Droplet Size (microns) **
1	0.5	1.5	0.40	1.32	2.5	17	-	-	-	-	1.01	1.86	6.0	7
2	0.5	2.0	0.23	3.12	3.0	74	0.69	2.04	5.5	15	0.75	3.60	5.5	25
3	0.5	3.0	0.13	5.49	3.0	110	0.54	4.32	4.5	47	0.67	5.97	5.5	47
4	0.5	4.0	0.11	6.84	2.5	119	0.45	5.97	4.0	60	0.58	7.80	5.5	60
5	1.0	1.2		-	-	-		-	-	-				
6	1.0	1.5	0.47	1.92	4.0	18	1.27	1.44	7.0	4	1.31	2.76	7.5	8
7	1.0	2.0	0.31	3.84	3.5	61	0.98	2.94	7.0	11	1.20	4.32	7.5	15
8	1.0	3.0	0.25	5.40	3.5	80	0.78	4.74	7.0	31	0.98	6.48	7.0	34
9	1.0	4.0	0.21	6.84	3.5	94	0.68	6.48	6.5	50	0.87	8.80	7.0	47
10	1.0	5.0	0.18	8.40	3.5	105	0.63	7.65	6.5	60	0.76	9.48	7.0	59
11	1.5	1.6	0.58	2.10	5.5	17	1.59	1.5	7.0	3	1.96	2.22	7.0	4
12	1.5	2.0	0.52	3.06	6.0	32	1.28	3.18	7.5	9	1.67	3.54	8.0	7
13	1.5	3.0	0.41	5.07	6.5	62	1.08	5.1	7.5	22	1.33	5.85	8.0	20
14	1.5	4.0	0.34	6.52	6.0	74	0.96	6.66	7.5	38	1.21	7.50	8.0	30
15	1.5	5.0	0.29	7.90	5.5	86	0.87	7.98	7.0	47	1.10	8.92	8.0	43
16	1.5	6.0	0.25	9.36	5.0	96	0.82	9.06	7.0	54	1.00	10.50	8.0	51
17	2.0	2.5	0.71	3.00	7.0	19	1.65	3.09	8.0	7	2.02	4.40	8.5	7
18	2.0	3.0	0.58	4.14	7.0	39	1.46	4.44	8.0	11	1.75	5.18	9.0	14
19	2.0	4.0	0.47	5.94	7.0	58	1.26	6.06	8.0	23	1.58	6.90	9.0	19
20	2.0	5.0	0.40	7.46	6.5	77	1.10	7.42	8.0	35	1.45	8.30	9.0	30
21	2.0	6.0	0.35	8.61	6.5	84	1.01	8.70	8.0	44	1.36	9.66	8.5	42
22	2.5	3.0	0.80	3.18	7.5	17	1.88	3.12	8.5	5	2.31	3.84	10.0	6
23	2.5	4.0	0.67	5.31	8.0	43	1.60	5.25	8.5	14	2.12	6.06	9.5	11
24	2.5	5.0	0.57	7.02	7.5	60	1.41	6.78	8.5	23	1.88	7.74	9.5	20
25	2.5	6.0	0.50	8.10	7.5	71	1.27	8.22	8.5	32	1.76	8.91	9.5	25

Notes

- All the data provided above has been measured on a specific laboratory installation. Spray nozzle technical parameters may vary due to installation type, supply pipe connection, temperature, relative humidity, ventilation flow rate and any other relevant working variable.
- Data measure has been performed at a range between 20°C and 24°C and a relative humidity range between 35% and 50%
- *Spray distance has been measured by installing the spray nozzles at 2.5 above ground level.
- **Droplet size refers to DMN. DMN is the droplet diameter, which results when the number of droplets over DMN equals the number of droplets under DMN.