



# A series

## ATOMISING Nozzles

<b>A series Flow rates</b>											
<i>Impingement, 90° Spray Angle, 1/8" or 1/4" Pipe Sizes, BSP or NPT</i>											
Male Pipe Size	Nozzle Number	K Factor	LITERS PER MINUTE @ B AR								Approx. Orifice Dia.(mm)
			2 bar	3 bar	5 bar	10 bar	20 bar	30 bar	50 bar	70 bar	
1/8	A 6	0.0137				0.043	0.061	0.075	0.097	0.114	0.152
	A 8	0.0259			0.058	0.082	0.116	0.142	0.183	0.217	0.203
	A 10	0.0387		0.067	0.0866	0.123	0.173	0.212	0.274	0.324	0.254
	A 12	0.0524		0.091	0.117	0.166	0.234	0.287	0.371	0.439	0.305
	A 15	0.0843	0.119	0.146	0.189	0.267	0.377	0.462	0.596	0.705	0.381
OR	A 20	0.153	0.216	0.264	0.341	0.483	0.683	0.836	1.08	1.28	0.508
	A 24	0.228	0.322	0.395	0.510	0.721	1.02	1.25	1.61	1.91	0.610
	A 28	0.296	0.419	0.513	0.662	0.9368	1.32	1.62	2.09	2.48	0.711
1/4	A 32	0.410	0.580	0.710	0.917	1.2972	1.83	2.25	2.90	3.43	0.813
	A 40	0.638	0.902	1.11	1.43	2.02	2.85	3.49	4.51	5.34	1.02



### SPRAY CHARACTERISTICS

- Produces Mist droplets of 200um@10bar
- Produces Fog droplets of 30um@70bar

Spray pattern: Cone-Shaped Fog  
Spray angle: 90°

Material :  
Brass, Stainless Steel

# AD series

## MISTING Nozzles

Brass body with anti drip spring and ball assembly

A Misting nozzle is a low cost atomising nozzle for evaporative cooling and dust suppression applications. Liquids passing them through a small orifice under high pressure producing droplets range from 80 to 200 microns. Complete with anti drip spring / ball assembly including internal filter.



<b>AD Flow rate</b>					
MODEL NO	ORIFICE (mm)	FLOW-RATE (Litre per min)	PRESSURE (Bar)	CONN (UCN)	MAT'L
AD15	0.15	0.046	70	10/24	BRASS
AD20	0.20	0.089	70	10/24	
AD30	0.30	0.145	70	10/24	
AD15T	0.15	0.046	70	10/32	STAINLESS STEEL
AD20T	0.20	0.089	70	10/32	
AD30T	0.30	0.145	70	10/32	

