

The hollow cone wide nozzle Type A3 is of the tangential type and provides a spray angle of 120 degrees.

- Removable cap
- Spray at 90 from the inlet axis

Rated flows from 0.2 L/ minute to 90 L/ minute; operating pressures from 0.75 Bar to 6 Bar. Thread connections from 1/8" to "BSP, male or female.

Materials: available in stainless steel AISI grade 303 and brass. On request AISI grade 316 - PVC - others.

APPLICATIONS

- Washing and cooling of air and gas
- Dust control
- Surface treatment
- Humidification
- Water aerating
- Roof cooling

To order: specify thread type, nozzle code, size and material - eg 1/4F-A3-10B.

TYPE OF NOZZLE		Ø1 mm	Ø2 mm	PRESSURE (bar)										bar
				0.75	1	1.5	2	2.5	3	4	5	6	0.7	
				CAPACITY (l/min)										°
1/8 F - A3 - 0.5	1/8 M - A3 - 0.5	1.1	0.9	0.19	0.22	0.27	0.32	0.36	0.39	0.45	0.51	0.55	110	
1/8 F - A3 - 1	1/8 M - A3 - 1	1.4	1.7	0.39	0.45	0.55	0.63	0.71	0.78	0.90	1.01	1.10	115	
1/8 F - A3 - 2 - 3	1/8 M - A3 - 2 - 3	2.1	2.1	0.96	1.13	1.38	1.60	1.79	1.96	2.26	2.52	2.76	115	
1/8 F - A3 - 3	1/8 M - A3 - 3	2.7	2.4	1.17	1.35	1.65	1.92	2.14	2.35	2.71	3.03	3.32	115	
1/8 F - A3 - 3 - 5	1/8 M - A3 - 3 - 5	3.3	2.4	1.34	1.55	1.90	2.19	2.45	2.68	3.10	3.46	3.80	115	
1/8 F - A3 - 2 - 10	1/8 M - A3 - 2 - 10	4.5	2.1	1.60	1.85	2.27	2.62	2.92	3.20	3.70	4.14	4.53	130	
1/8 F - A3 - 5	1/8 M - A3 - 5	3.0	3.3	1.96	2.28	2.76	3.22	3.60	3.95	4.56	5.10	5.58	115	
1/8 F - A3 - 5 - 10	1/8 M - A3 - 5 - 10	4.5	3.0	2.54	2.94	3.60	4.16	4.65	5.09	5.87	6.56	7.20	125	
1/8 F - A3 - 8 - 10	1/8 M - A3 - 8 - 10	4.5	3.8	3.50	4.05	4.96	5.72	6.40	7.00	8.10	9.06	9.90	125	
1/4 F - AA3 - 1	1/4 M - AA3 - 1	1.4	1.7	0.39	0.45	0.55	0.63	0.71	0.78	0.90	1.01	1.10	110	
1/4 F - AA3 - 1 - 5	1/4 M - AA3 - 1 - 5	3.3	1.4	0.66	0.76	0.86	1.08	1.21	1.33	1.53	1.71	1.87	110	
1/4 F - AA3 - 1 - 10	1/4 M - AA3 - 1 - 10	4.5	1.4	0.82	0.95	1.17	1.34	1.50	1.64	1.90	2.12	2.33	140	
1/4 F - AA3 - 1 - 15	1/4 M - AA3 - 1 - 15	5.4	1.4	0.93	1.10	1.35	1.55	1.75	1.95	2.24	3.00	3.30	105	
1/4 F - AA3 - 2 - 5	1/4 M - AA3 - 2 - 5	3.3	2.1	1.82	1.50	1.85	2.15	2.42	2.63	3.00	3.41	3.80	120	
1/4 F - AA3 - 2 - 10	1/4 M - AA3 - 2 - 10	4.5	2.1	1.60	1.85	2.27	2.62	2.92	3.20	3.70	4.14	4.53	140	
1/4 F - AA3 - 5	1/4 M - AA3 - 5	3.3	3.6	1.96	2.28	2.76	3.22	3.60	3.95	4.56	5.10	5.58	115	
1/4 F - AA3 - 5 - 10	1/4 M - AA3 - 5 - 10	4.5	3.6	2.54	2.94	3.60	4.16	4.65	5.09	5.87	6.56	7.20	130	
1/4 F - AA3 - 5 - 15	1/4 M - AA3 - 5 - 15	5.4	3.6	3.02	3.50	4.30	4.94	5.54	6.07	7.00	7.82	8.55	130	
1/4 F - AA3 - 8 - 10	1/4 M - AA3 - 8 - 10	4.5	4.1	3.50	4.05	4.96	5.72	6.40	7.00	8.10	9.06	9.90	130	
1/4 F - AA3 - 10	1/4 M - AA3 - 10	4.5	4.7	3.90	4.51	5.52	6.37	7.13	7.80	9.02	10.1	11.0	120	
1/4 F - AA3 - 8 - 15	1/4 M - AA3 - 8 - 15	4.1	5.4	4.30	4.95	6.05	7.00	7.82	8.60	9.90	11.0	12.1	130	
1/4 F - AA3 - 10 - 15	1/4 M - AA3 - 10 - 15	5.4	4.7	4.72	5.45	6.67	7.70	8.62	9.42	10.9	12.2	13.4	120	
1/4 F - AA3 - 15	1/4 M - AA3 - 15	5.4	5.8	5.87	6.78	8.30	9.60	10.7	11.7	13.5	15.1	16.6	100	
3/8 F - A3 - 5 - 10	3/8 M - A3 - 5 - 10	4.5	3.5	2.54	2.94	3.60	4.16	4.65	5.09	5.87	6.56	7.20	130	
3/8 F - A3 - 5 - 15	3/8 M - A3 - 5 - 15	5.4	3.5	3.02	3.50	4.30	4.94	5.54	6.07	7.00	7.82	8.55	140	
3/8 F - A3 - 8 - 10	3/8 M - A3 - 8 - 10	4.5	4.5	3.50	4.05	4.96	5.72	6.40	7.00	8.10	9.06	9.90	125	
3/8 F - A3 - 10	3/8 M - A3 - 10	4.5	5.0	3.90	4.51	5.52	6.37	7.13	7.80	9.02	10.1	11.0	120	
3/8 F - A3 - 8 - 15	3/8 M - A3 - 8 - 15	5.4	4.5	4.30	4.95	6.05	7.00	7.82	8.60	9.90	11.0	12.1	130	
3/8 F - A3 - 10 - 15	3/8 M - A3 - 10 - 15	5.4	5.0	4.72	5.45	6.67	7.70	8.62	9.42	10.9	12.2	13.4	125	
3/8 F - A3 - 8 - 25	3/8 M - A3 - 8 - 25	7.4	4.5	5.07	5.90	7.23	8.36	9.23	10.2	11.8	13.2	14.4	125	
3/8 F - A3 - 10 - 20	3/8 M - A3 - 10 - 20	5.9	5.0	5.45	6.30	7.72	8.91	9.96	10.9	12.6	14.1	15.4	120	
3/8 F - A3 - 15	3/8 M - A3 - 15	5.4	6.1	5.87	6.78	8.30	9.60	10.7	11.7	13.5	15.1	16.6	115	
3/8 F - A3 - 15 - 20	3/8 M - A3 - 15 - 20	6.1	5.9	7.85	7.70	9.41	10.9	12.2	13.3	15.4	17.2	18.9	115	
3/8 F - A3 - 20	3/8 M - A3 - 20	5.9	7.1	7.85	9.05	11.1	12.8	14.3	15.6	18.1	20.2	22.2	106	
3/8 F - A3 - 15 - 30	3/8 M - A3 - 15 - 30	5.4	6.1	8.60	9.94	12.2	14.1	15.7	17.2	19.9	22.2	24.4	120	
3/8 F - A3 - 25	3/8 M - A3 - 25	6.1	7.4	9.88	11.4	13.9	16.1	18.0	19.7	22.8	25.5	28.0	105	
3/8 F - A3 - 25 - 30	3/8 M - A3 - 25 - 30	5.9	7.4	10.8	12.5	15.3	17.7	19.9	21.6	25.0	28.0	30.6	105	
1/2 F - A3 - 50	1/2 M - A3 - 50	11.1	9.5	19.6	22.8	27.6	32.2	36.0	39.5	45.5	51.0	55.8	110	
3/4 F - A3 - 80	3/4 M - A3 - 80	14.3	12.7	31.2	36.1	44.2	51.0	56.8	62.5	72.2	80.6	88.4	115	