

AAZ Fine Atomized Nozzle

AAZ – W



Strainer built-in,
wide spray angle
1/4 inch NPT
or BSPT (male)

AAZ – N



Strainer built-in,
1/4 inch NPT
or BSPT (female)

AAZ – M



catamaran design
1/4 inch NPT
or BSPT (male)

Design features

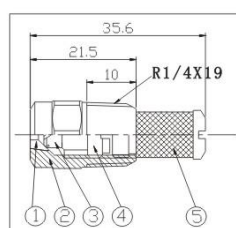
Fine atomizing nozzle utilizes the fluid pressure to produce the extremely fine particle, and the spray pattern is a uniform hollow cone, which can make the spray like fogs.

All the parts are precisely composed. The inlay of orifice, the taper core and the strainer are easy to dismantled for excaming and washing.

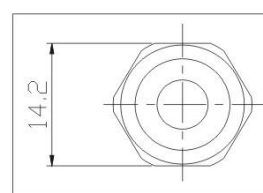
All the above nozzles have strainers.

Common application

- Moistening in air control chamber
- Cooling for gas and metal
- Liquid medicine spraying
- humidity conditioning
- evaporative cooling



1.Orifice 2.Body 3.Cyclone Core 4.Plug 5.strainer mesh



Performance data

AAZ-W	AAZ-N	AAZ-M	Rated Orifice Dia. (mm)	Core Type	Capacity(L/hr)										Spray angle		
					2bar	5bar	10bar	15bar	20bar	30bar	40bar	50bar	70bar	3bar	6bar	20bar	
1/4AAZ-W0.60	1/4AAZ-N0.60	1/4AAZ-M0.60	0.41	206			4.3	5.3	6.1	7.5	8.6	9.7	11.4		35°	65°	
1/4AAZ-W1	1/4AAZ-N1	1/4AAZ-M1	0.51	210		5.1	7.2	8.8	10.2	12.5	14.4	16.1	19.1	45°	62°	72°	
1/4AAZ-W1.5	1/4AAZ-N1.5	1/4AAZ-M1.5	0.51	216	4.8	7.6	10.8	13.2	15.3	18.7	22	24	29	65°	70°	72°	
1/4AAZ-W2	1/4AAZ-N2	1/4AAZ-M2	0.71	216	6.4	10.2	14.4	17.7	20	25	29	32	38	70°	75°	77°	
1/4AAZ-W3	1/4AAZ-N3	1/4AAZ-M3	0.71	220	9.7	15.3	22	26	31	37	43	48	57	65°	70°	73°	
1/4AAZ-W4	1/4AAZ-N4	1/4AAZ-M4	1.1	220	12.9	20	29	35	41	50	58	64	76	72°	81°	84°	
1/4AAZ-W6	1/4AAZ-N6	1/4AAZ-M6	1.1	225	19.3	31	43	53	61	75	86	97	114	73°	79°	81°	
1/4AAZ-W8	1/4AAZ-N8	1/4AAZ-M8	1.5	225	26	41	58	71	82	100	115	129	153	85°	89°	91°	
1/4AAZ-W10	1/4AAZ-N10	1/4AAZ-M10	1.6	420	32	51	72	88	102	125	144	161	191	82°	84°	86°	
1/4AAZ-W12	1/4AAZ-N12	1/4AAZ-M12	1.9	420	39	61	86	106	122	150	173	193	230	78°	82°	85°	
1/4AAZ-W14	1/4AAZ-N14	1/4AAZ-M14	1.9	421	45	71	101	124	143	175	200	225	265	85°	88°	90°	
1/4AAZ-W18	1/4AAZ-N18	1/4AAZ-M18	1.9	422	58	92	130	159	183	225	260	290	345	81°	84°	86°	
1/4AAZ-W22	1/4AAZ-N22	1/4AAZ-M22	1.9	625	71	112	159	194	225	275	320	355	420	70°	72°	75°	
1/4AAZ-W26	1/4AAZ-N26	1/4AAZ-M26	2.2	625	84	133	187	230	265	325	375	420	495	73°	74°	77°	

ordering info

1/4 — AAZ-W — 206

↓
Inlet
size

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Nozzle
type

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Core No.