LNN AZZ Fine Atomizing Misting Nozzles

AAZ-W

BSPT(外) Filter in side,wide angle spray
1/4" NPT or BSPT(male)

AAZ-N

Filter in side,wide angle spray
1/4" NPT or BSPT(female)

AAZ-M

Bicorporate design
1/4" NPT or BSPT(male)

Design Feature

Super-fine jet nozzle only use liquid pressure to produce tiny drops.Spray shape is uniform hollow cone, which can bring fog. All parts are percision crafted.Spray orifice inlay,core and filter are easy to be detached to maintain or clean.The above nozzles all are with filters.

Performance Data

AAZ-W	AAZ-N	AAZ-M	Rated Spray orifice Dia. (mm)	Core No.	Flow rate(L/h)									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-N26	1/4AAZ-N26	1/4AAZ-M26	2.2	625	84	133	187	230	265	325	375	420	495	73°	74°	77°

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LNN AZZ Fine Atomizing Misting Nozzles have the following features:

• LNN AZZ Fine Atomizing Misting Nozzles consist of nozzle body, swirl core, spray header and filter, which produce fine mist

• The swirl core is a component with slots on it by which the liquid flow rates and path are regulated.

• The slots of swirl core make the liquid spin in a circle at a very high speed. The energy from the spinning action causes the liquid to break up into very small droplets.

• Compared with impeller type nozzles and impingement nozzles, the swirl core type nozzles have wider applicability

• This type of nozzles are widely used for snow making, gas cooling, light misting, humidifying, fogging, dust control, moistening, evaporative cooling, fire suppression, chemical processing,

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