

LN series fine atomization nozzles



DESIGN FEATURES

Fine spray atomizing nozzles use the liquid pressure alone to produce very finely atomized droplets in a hollow cone spray pattern with uniform distribution, often achieving misting performance.

All parts are precision-machined. Orifice inserts, cores, and strainers are easily removed for inspection or cleaning.

LN-M series atomizing nozzles feature a 1/4"NPT or BSPT(M) inlet connection and a removable core for easy cleaning or replacement.

COMMON APPLICATIONS

- Evaporative cooling
- Moistening
- Humidity

PERFORMANCE DATA

Typ LNN Male Conn.	Typ LN Female Conn.	Typ LN-M Male Conn.	Typ LND Female Conn.	Rated Orifice Dia.(mm)	Core Type	Capacity (L/hour)										Spray angle		
						2 bar	5 bar	10 bar	15 bar	20 bar	30 bar	40 bar	50 bar	70 bar	3 bar	6 bar	20 bar	
1/4LNN0.60	1/4LN0.60		1/4LND0.60	0.41	206				4.3	5.3	6.1	7.5	8.6	9.7	11.4		35°	65°
1/4LNN1	1/4LN1	1/4LN-M1	1/4LND1	0.51	210		5.1	7.2	8.8	10.2	12.5	14.4	16.1	19.1	45°	62°	72°	
1/4LNN1.5	1/4LN1.5	1/4LN-M1.5	1/4LND1.5	0.51	216	4.8	7.6	10.8	13.2	15.3	18.7	22	24	29	65°	70°	72°	
1/4LNN2	1/4LN2	1/4LN-M2	1/4LND2	0.71	216	6.4	10.2	14.4	17.7	20	25	29	32	38	70°	75°	77°	
1/4LNN3	1/4LN3	1/4LN-M3	1/4LND3	0.71	220	9.7	15.3	22	26	31	37	43	48	57	65°	70°	73°	
1/4LNN4	1/4LN4	1/4LN-M4	1/4LND4	1.1	220	12.9	20	29	35	41	50	58	64	76	72°	81°	84°	
1/4LNN6	1/4LN6	1/4LN-M6	1/4LND6	1.1	225	19.3	31	43	53	61	75	86	97	114	73°	79°	81°	
1/4LNN8	1/4LN8	1/4LN-M8	1/4LND8	1.5	225	26	41	58	71	82	100	115	129	153	85°	89°	91°	
1/4LNN10	1/4LN10	1/4LN-M10	1/4LND10	1.6	420	32	51	72	88	102	125	144	161	191	82°	84°	86°	
1/4LNN12	1/4LN12	1/4LN-M12	1/4LND12	1.9	420	39	61	86	106	122	150	173	193	230	78°	82°	85°	
1/4LNN14	1/4LN14	1/4LN-M14	1/4LND14	1.9	421	45	71	101	124	143	175	200	225	265	85°	88°	90°	
1/4LNN18	1/4LN18	1/4LN-M18	1/4LND18	1.9	422	58	92	130	159	183	225	260	290	345	81°	84°	86°	
1/4LNN22	1/4LN22	1/4LN-M22	1/4LND22	1.9	625	71	112	159	194	225	275	320	355	420	70°	72°	75°	
1/4LNN26	1/4LN26	1/4LN-M26	1/4LND26	2.2	625	84	133	187	230	265	325	375	420	495	73°	74°	77°	

Mark
 Brass
 303SS
 316SS
 PVC-Polyvinyl Chloride

