



SQUARE FULL CONE NOZZLES

464 SERIES

Lechler's internal vane and cross-cut or outside milled orifice design produces a uniformly distributed, square spray pattern, especially suited to applications having square or rectangular target areas.

Typical Applications:
 Cooling and quenching
 Cleaning and washing
 Air and gas washing



Spray Angle	Ordering No.	Mat. No.			Nozzle Inlet Connection (*NPT Male)				Equiv. Orifice Diam. (in.)	Flow Rate (Gallons per Minute)						
		Nozzle Type	16	17	30	1/8	1/4	3/8		1/2	10	20	40	60	80	100
			303SS	316SS	Brass						psi	psi	psi per minute 2 bar	psi	psi	psi
60°	464.484	✓	✓	✓	BA	--	--	--	0.053	0.28	0.36	1.60	0.48	0.57	0.63	0.69
	464.524	✓	✓	✓	BA	--	--	--	0.059	0.35	0.46	2.00	0.60	0.71	0.79	0.87
	464.564	✓	✓	✓	BA	--	--	--	0.066	0.43	0.57	2.50	0.75	0.88	0.99	1.08
	464.604	✓	✓	✓	BA	--	--	--	0.074	0.54	0.72	3.15	0.95	1.11	1.25	1.37
	464.644	✓	✓	✓	--	BC	--	--	0.084	0.69	0.91	4.00	1.20	1.41	1.59	1.73
	464.684	✓	✓	✓	--	BC	--	--	0.094	0.86	1.14	5.00	1.50	1.77	1.98	2.17
	464.724	✓	✓	✓	--	BE	--	--	0.106	1.09	1.43	6.30	1.89	2.23	2.50	2.73
	464.764	✓	✓	✓	--	BE	--	--	0.116	1.38	1.82	8.00	2.40	2.83	3.17	3.47
	464.784	✓	✓	✓	--	--	--	BG	0.126	1.55	2.05	9.00	2.70	3.18	3.57	3.90
	464.804	✓	✓	✓	--	--	--	BG	0.133	1.73	2.28	10.00	3.00	3.53	3.96	4.30
90°	464.486	✓	✓	✓	BA	--	--	--	0.053	0.28	0.36	1.60	0.48	0.57	0.63	0.69
	464.526	✓	✓	✓	BA	--	--	--	0.059	0.35	0.46	2.00	0.60	0.71	0.79	0.87
	464.566	✓	✓	✓	BA	--	--	--	0.066	0.43	0.57	2.50	0.75	0.88	0.99	1.08
	464.606	✓	✓	✓	--	BC	--	--	0.074	0.54	0.72	3.15	0.95	1.11	1.25	1.37
	464.646	✓	✓	✓	--	BC	--	--	0.084	0.69	0.91	4.00	1.20	1.41	1.59	1.73
	464.686	✓	✓	✓	--	BC	--	--	0.094	0.86	1.14	5.00	1.50	1.77	1.98	2.17
	464.726	✓	✓	✓	--	BE	--	--	0.106	1.09	1.43	6.30	1.89	2.23	2.50	2.73
	464.766	✓	✓	✓	--	BE	--	--	0.116	1.38	1.82	8.00	2.40	2.83	3.17	3.47
	464.786	✓	✓	✓	--	BE	--	--	0.126	1.55	2.05	9.00	2.70	3.18	3.57	3.90
	464.806	✓	✓	✓	--	BE	--	--	0.133	1.73	2.28	10.00	3.00	3.53	3.96	4.30
120°	464.488	✓	✓	✓	BA	--	--	--	0.053	0.28	0.36	1.60	0.48	0.57	0.63	0.69
	464.528	✓	✓	✓	BA	--	--	--	0.059	0.35	0.46	2.00	0.60	0.71	0.79	0.87
	464.568	✓	✓	✓	BA	--	--	--	0.066	0.43	0.57	2.50	0.75	0.88	0.99	1.08
	464.608	✓	✓	✓	--	BC	--	--	0.074	0.54	0.72	3.15	0.95	1.11	1.25	1.37
	464.648	✓	✓	✓	--	BC	--	--	0.084	0.69	0.91	4.00	1.20	1.41	1.59	1.73
	464.688	✓	✓	✓	--	BC	--	--	0.094	0.86	1.14	5.00	1.50	1.77	1.98	2.17
	464.728	✓	✓	✓	--	BE	--	--	0.106	1.09	1.43	6.30	1.89	2.23	2.50	2.73
	464.768	✓	✓	✓	--	BE	--	--	0.116	1.38	1.82	8.00	2.40	2.83	3.17	3.47
	464.788	✓	✓	✓	--	BE	--	--	0.126	1.55	2.05	9.00	2.70	3.18	3.57	3.90
	464.808	✓	✓	✓	--	BE	--	--	0.133	1.73	2.28	10.00	3.00	3.53	3.96	4.30