

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					Nozzle Inlet Connection ("NPT Male)				Equiv. Orifice Diam. (in.)	Flow Rate (Gallons Per Minute)					
	Nozzle Type	Mat. No.			1/8	1/4	3/8	1/2	10 psi		20 psi	litres per minute 2 bar	40 psi	60 psi	80 psi	100 psi
		16	17	30												
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	✓	✓	✓	--	--	BE	BG	0.126	1.55	2.05	9.00	2.70	3.18	3.57	3.90
	464.804	✓	✓	✓	--	--	BE	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