



CA series Flat Spray Nozzles are designed for high pressure / high impact washing application. These nozzles are specially designed and machined with precision which allows even spray coverage and distribution. This results in effective and uniform cleaning action over the surface being processed. Flat spray nozzles are available in all steel grades, Plastics & other alloys. Spray angle range available from 45° to 120°

MODEL NO.	END CONNECTION		ORIFICE SIZE (mm)	FLOW CAPACITY IN LPM AT DIFFERENT PRESSURE							G/A DIMENSION. MM			
	1/4"	3/8"		PRESSURE [BAR]										
SPRAY ANGLE	BSP	BSP		0.5	1.0	2.0	3.0	5.0	7.0	10.0	CONN.	H	H1	HEX
45°											1/4"	25	9.7	15.5
CA13.050	•		0.8	0.25	0.35	0.50	0.61	0.79	0.94	1.12				
CA13.075	•		1.0	0.37	0.53	0.75	0.92	1.19	1.40	1.68	Weight = XX gms. Approx			
CA13.100	•		1.2	0.50	0.71	1.00	1.22	1.58	1.87	2.24	3/8"	27	12	17
CA13.150	•		1.5	0.75	1.06	1.50	1.84	2.37	2.81	3.35	Weight = XX gms. Approx			
CA13.175	•		1.6	0.87	1.24	1.75	2.14	2.77	3.27	3.91				
CA13.200	•		1.7	1.00	1.41	2.00	2.45	3.16	3.74	4.47				
CA13.250	•		1.9	1.25	1.77	2.50	3.06	3.95	4.68	5.59				
CA13.300	•		2.1	1.50	2.12	3.00	3.67	4.74	5.61	6.71				
CA13.350	•		2.3	1.75	2.47	3.50	4.29	5.53	6.55	7.83				
CA13.400	•		2.4	2.00	2.83	4.00	4.90	6.32	7.48	8.94				
CA13.475	•		2.7	2.37	3.36	4.75	5.82	7.51	8.89	10.62				
CA13.650	•		3.1	3.25	4.60	6.50	7.96	10.28	12.16	14.53				
CA13.800	•		3.5	4.00	5.66	8.00	9.80	12.65	14.97	17.89				
CA23.100	•	•	3.9	5.00	7.07	10.00	12.25	15.81	18.71	22.36				
CA23.125	•	•	4.3	6.25	8.84	12.50	15.31	19.76	23.39	27.95				
CA23.160	•	•	4.9	8.00	11.31	16.00	19.60	25.30	29.93	35.78				
CA23.180	•	•	5.2	9.00	12.73	18.00	22.05	28.46	33.67	40.25				
CA23.200	•	•	5.5	10.00	14.14	20.00	24.49	31.62	37.42	44.72				
CA23.225	•	•	5.8	11.25	15.91	22.00	27.56	35.58	42.09	50.31				
CA23.250	•	•	6.1	12.50	17.68	25.00	30.62	39.53	46.77	55.90				
CA23.320	•	•	6.4	16.00	22.63	32.00	39.19	50.60	59.87	71.55				
CA23.400	•	•	7.8	20.00	28.28	40.00	48.99	63.25	74.83	89.44				

MODEL NO.	END CONNECTION		ORIFICE SIZE (mm)	FLOW CAPACITY IN LPM AT DIFFERENT PRESSURE							G/A DIMENSION. MM			
	1/4"	3/8"		PRESSURE [BAR]										
SPRAY ANGLE	BSP	BSP		0.5	1.0	2.0	3.0	5.0	7.0	10.0	CONN.	H	H1	HEX
60°											1/4"	27	9.7	15.5
CA14.050	•		0.8	0.25	0.35	0.50	0.61	0.79	0.94	1.12				
CA14.075	•		1.0	0.37	0.53	0.75	0.92	1.19	1.40	1.68	Weight = XX gms. Approx			
CA14.100	•		1.2	0.50	0.71	1.00	1.22	1.58	1.87	2.24	3/8"	27	12	17
CA14.150	•		1.5	0.75	1.06	1.50	1.84	2.37	2.81	3.35	Weight = XX gms. Approx			
CA14.175	•		1.6	0.87	1.24	1.75	2.14	2.77	3.27	3.91				
CA14.200	•		1.7	1.00	1.41	2.00	2.45	3.16	3.74	4.47				
CA14.250	•		1.9	1.25	1.77	2.50	3.06	3.95	4.68	5.59				
CA14.300	•		2.1	1.50	2.12	3.00	3.67	4.74	5.61	6.71				
CA14.350	•		2.3	1.75	2.47	3.50	4.29	5.53	6.55	7.83				
CA14.400	•		2.4	2.00	2.83	4.00	4.90	6.32	7.48	8.94				
CA14.475	•		2.7	2.37	3.36	4.75	5.82	7.51	8.89	10.62				
CA14.650	•		3.1	3.25	4.60	6.50	7.96	10.28	12.16	14.53				
CA14.800	•		3.5	4.00	5.66	8.00	9.80	12.65	14.97	17.89				
CA24.100	•	•	3.9	5.00	7.07	10.00	12.25	15.81	18.71	22.36				
CA24.125	•	•	4.3	6.25	8.84	12.50	15.31	19.76	23.39	27.95				
CA24.160	•	•	4.9	8.00	11.31	16.00	19.60	25.30	29.93	35.78				
CA24.180	•	•	5.2	9.00	12.73	18.00	22.05	28.46	33.67	40.25				
CA24.200	•	•	5.5	10.00	14.14	20.00	24.49	31.62	37.42	44.72				
CA24.225	•	•	5.8	11.25	15.91	22.00	27.56	35.58	42.09	50.31				
CA24.250	•	•	6.1	12.50	17.68	25.00	30.62	39.53	46.77	55.90				
CA24.320	•	•	6.4	16.00	22.63	32.00	39.19	50.60	59.87	71.55				
CA24.400	•	•	7.8	20.00	28.28	40.00	48.99	63.25	74.83	89.44				

MODEL NO.	END CONNECTION		ORIFICE SIZE (mm)	FLOW CAPACITY IN LPM AT DIFFERENT PRESSURE							G/A DIMENSION. MM			
	1/4"	3/8"		PRESSURE [BAR]										
SPRAY ANGLE	BSP BSPT NPT	BSP BSPT NPT		0.5	1.0	2.0	3.0	5.0	7.0	10.0	CONN.	H	H1	HEX
90°														
CA16.050	•		0.8	0.25	0.35	0.50	0.61	0.79	0.94	1.12	1/4"	25	9.7	15.5
CA16.075	•		1.0	0.37	0.53	0.75	0.92	1.19	1.40	1.68	Weight = XX gms. Approx			
CA16.100	•		1.2	0.50	0.71	1.00	1.22	1.58	1.87	2.24	3/8"	27	12	17
CA16.150	•		1.5	0.75	1.06	1.50	1.84	2.37	2.81	3.35	Weight = XX gms. Approx			
CA16.175	•		1.6	0.87	1.24	1.75	2.14	2.77	3.27	3.91				
CA16.200	•		1.7	1.00	1.41	2.00	2.45	3.16	3.74	4.47				
CA16.250	•		1.9	1.25	1.77	2.50	3.06	3.95	4.68	5.59				
CA16.300	•		2.1	1.50	2.12	3.00	3.67	4.74	5.61	6.71				
CA16.350	•		2.3	1.75	2.47	3.50	4.29	5.53	6.55	7.83				
CA16.400	•		2.4	2.00	2.83	4.00	4.90	6.32	7.48	8.94				
CA16.475	•		2.7	2.37	3.36	4.75	5.82	7.51	8.89	10.62				
CA16.650	•		3.1	3.25	4.60	6.50	7.96	10.28	12.16	14.53				
CA16.800	•		3.5	4.00	5.66	8.00	9.80	12.65	14.97	17.89				
CA26.100	•	•	3.9	5.00	7.07	10.00	12.25	15.81	18.71	22.36				
CA26.125	•	•	4.3	6.25	8.84	12.50	15.31	19.76	23.39	27.95				
CA26.160	•	•	4.9	8.00	11.31	16.00	19.60	25.30	29.93	35.78				
CA26.180	•	•	5.2	9.00	12.73	18.00	22.05	28.46	33.67	40.25				
CA26.200	•	•	5.5	10.00	14.14	20.00	24.49	31.62	37.42	44.72				
CA26.225	•	•	5.8	11.25	15.91	22.00	27.56	35.58	42.09	50.31				
CA26.250	•	•	6.1	12.50	17.68	25.00	30.62	39.53	46.77	55.90				
CA26.320		•	6.4	16.00	22.63	32.00	39.19	50.60	59.87	71.55				
CA26.400		•	7.8	20.00	28.28	40.00	48.99	63.25	74.83	89.44				

MODEL NO.	END CONNECTION		ORIFICE SIZE (mm)	FLOW CAPACITY IN LPM AT DIFFERENT PRESSURE							G/A DIMENSION. MM			
	1/4"	3/8"		PRESSURE [BAR]										
SPRAY ANGLE	BSP BSPT NPT	BSP BSPT NPT		0.5	1.0	2.0	3.0	5.0	7.0	10.0	CONN.	H	H1	HEX
120°														
CA18.050	•		0.8	0.25	0.35	0.50	0.61	0.79	0.94	1.12	1/4"	25	9.7	15.5
CA18.075	•		1.0	0.37	0.53	0.75	0.92	1.19	1.40	1.68	Weight = XX gms. Approx			
CA18.100	•		1.2	0.50	0.71	1.00	1.22	1.58	1.87	2.24	3/8"	27	12	17
CA18.150	•		1.5	0.75	1.06	1.50	1.84	2.37	2.81	3.35	Weight = XX gms. Approx			
CA18.175	•		1.6	0.87	1.24	1.75	2.14	2.77	3.27	3.91				
CA18.200	•		1.7	1.00	1.41	2.00	2.45	3.16	3.74	4.47				
CA18.250	•		1.9	1.25	1.77	2.50	3.06	3.95	4.68	5.59				
CA18.300	•		2.1	1.50	2.12	3.00	3.67	4.74	5.61	6.71				
CA18.350	•		2.3	1.75	2.47	3.50	4.29	5.53	6.55	7.83				
CA18.400	•		2.4	2.00	2.83	4.00	4.90	6.32	7.48	8.94				
CA18.475	•		2.7	2.37	3.36	4.75	5.82	7.51	8.89	10.62				
CA18.650	•		3.1	3.25	4.60	6.50	7.96	10.28	12.16	14.53				
CA18.800	•		3.5	4.00	5.66	8.00	9.80	12.65	14.97	17.89				
CA28.100	•	•	3.9	5.00	7.07	10.00	12.25	15.81	18.71	22.36				
CA28.125	•	•	4.3	6.25	8.84	12.50	15.31	19.76	23.39	27.95				
CA28.160	•	•	4.9	8.00	11.31	16.00	19.60	25.30	29.93	35.78				
CA28.180	•	•	5.2	9.00	12.73	18.00	22.05	28.46	33.67	40.25				
CA28.200	•	•	5.5	10.00	14.14	20.00	24.49	31.62	37.42	44.72				
CA28.225	•	•	5.8	11.25	15.91	22.00	27.56	35.58	42.09	50.31				
CA28.250	•	•	6.1	12.50	17.68	25.00	30.62	39.53	46.77	55.90				
CA28.320		•	6.4	16.00	22.63	32.00	39.19	50.60	59.87	71.55				
CA28.400		•	7.8	20.00	28.28	40.00	48.99	63.25	74.83	89.44				