

# MEQ series self-clean spray nozzles

## DESIGN FEATURES

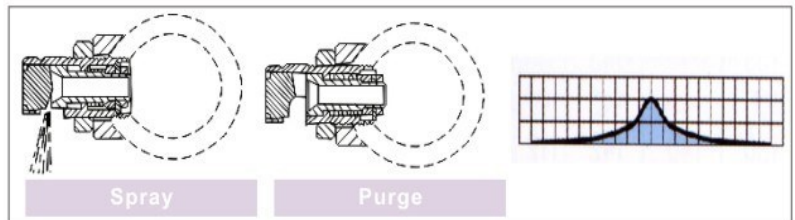
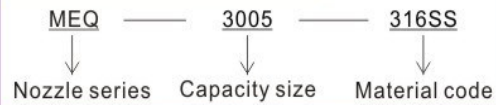
The MEQ series are available in fan or needle jet versions and are self-cleaning to maintain effective shower performance with minimal effort. Reducing the line pressure retracts a purge piston to purge fibers and other suspended solids from the clogged nozzle. This feature makes them particularly well-suited for use with white water. Also are specially designed to interchange with loading self-cleaning shower nozzles. They provide fast and easy installation and alignment. Their longer length allows more pattern offset to eliminate spray interference and provides greater resistance to piston binding. Both models are constructed of 316 stainless steel.



## COMMON APPLICATIONS

- Paper making: meshingwork cleaning, felt cleaning and roller cleaning.
- Steel plate cleaning in continuous casting machine
- Water treatment: filter screen squeezer cleaning, conveyor, squeezer cleaning, deaerating and surface cleaning of aerating filter-sand.
- Electronics: PCB cleaning.
- Automotive and household appliance: pretreatment before coating.

## ORDERING INFORMATION



## PERFORMANCE DATA

Spray angle at 2.8 Bar	Capacity size	Capacity (L/min)													
		1.5 Bar	2 Bar	2.5 Bar	3 Bar	3.5 Bar	4 Bar	4.5 Bar	5 Bar	5.5 Bar	6 Bar	7 Bar	8 Bar	10 Bar	15 Bar
0°	00012	0.034	0.039	0.043	0.047	0.051	0.055	0.058	0.061	0.064	0.067	0.072	0.077	0.086	0.11
	00026	0.073	0.084	0.094	0.1	0.11	0.12	0.125	0.13	0.14	0.15	0.16	0.17	0.19	0.23
	00053	0.15	0.17	0.19	0.21	0.23	0.24	0.26	0.27	0.28	0.3	0.32	0.34	0.38	0.47
	0007	0.2	0.23	0.25	0.28	0.3	0.32	0.34	0.36	0.37	0.39	0.42	0.45	0.5	0.62
	0001	0.28	0.32	0.36	0.39	0.43	0.46	0.48	0.51	0.53	0.56	0.6	0.64	0.72	0.88
	00017	0.47	0.55	0.61	0.67	0.72	0.77	0.82	0.87	0.91	0.95	1	1.1	1.2	1.5
	0002	0.56	0.64	0.72	0.79	0.85	0.91	0.97	1	1.07	1.1	1.2	1.3	1.4	1.8
	00025	0.7	0.81	0.9	0.99	1	1.1	1.2	1.3	1.34	1.4	1.5	1.6	1.8	2.2
	00032	0.89	1	1.2	1.3	1.4	1.5	1.55	1.6	1.7	1.8	1.9	2.1	2.3	2.8
	00043	1.2	1.4	1.5	1.7	1.8	2	2.1	2.2	2.3	2.4	2.6	2.8	3.1	3.8
0005	1.4	1.6	1.8	2	2.1	2.3	2.4	2.5	2.7	2.8	3	3.2	3.6	4.4	
0006	1.7	1.9	2.2	2.4	2.6	2.7	2.9	3.1	3.2	3.3	3.6	3.9	4.3	5.3	
0008	2.2	2.6	2.9	3.2	3.4	3.6	3.9	4.1	4.3	4.5	4.8	5.2	5.8	7.1	
0010	2.8	3.2	3.6	3.9	4.3	4.6	4.8	5.1	5.3	5.6	6	6.4	7.2	8.8	
15°	1506	1.7	1.9	2.2	2.4	2.6	2.7	2.9	3.1	3.2	3.3	3.6	3.9	4.3	5.3
	3005	1.4	1.6	1.8	2	2.1	2.3	2.4	2.5	2.7	2.8	3	3.2	3.6	4.4
30°	3013	3.6	4.2	4.7	5.1	5.5	5.9	6.3	6.6	6.9	7.3	7.8	8.4	9.4	11.5
	3014	3.9	4.5	5	5.5	6	6.4	6.8	7.1	7.5	7.8	8.4	9	10.1	12.4
	3040	11.2	12.9	14.4	15.8	17.1	18.2	19.3	20	21	22	24	26	29	35
40°	4012	3.3	3.9	4.3	4.7	5.1	5.5	5.8	6.1	6.4	6.7	7.2	7.7	8.6	10.6
	4013	3.6	4.2	4.7	5.1	5.5	5.9	6.3	6.6	6.9	7.3	7.8	8.4	9.4	11.5
	4014	3.9	4.5	5	5.5	6	6.4	6.8	7.1	7.5	7.8	8.4	9	10.1	12.4
	4020	5.6	6.4	7.2	7.9	8.5	9.1	9.7	10.2	10.7	11.2	12.1	12.9	14.4	17.7
	4032	8.9	10.3	11.5	12.6	13.6	14.6	15.5	16.3	17.1	17.9	19.3	21	23	28
4045	12.6	14.5	16.2	17.8	19.2	21	22	23	24	22	27	29	32	40	
45°	4516	4.5	5.2	5.8	6.3	6.8	7.3	7.7	8.2	8.6	8.9	9.6	10.3	11.5	14.1
	4525	7	8.1	9	9.9	10.7	11.4	12.1	12.7	13.4	14	15.1	16.1	18	22
	4542	11.7	13.5	15.1	16.6	17.9	19.1	20	21	22	23	25	27	30	37
50°	5032	8.9	10.3	11.5	12.6	13.6	14.6	15.5	16.3	17.1	17.9	19.3	21	23	28
60°	6016	4.5	5.2	5.8	6.3	6.8	7.3	7.7	8.2	8.6	8.9	9.6	10.3	11.5	14.1
	6031	8.7	10	11.2	12.2	13.2	14.1	15	15.8	16.6	17.3	18.7	16.1	22	27
	6038	10.6	12.2	13.7	15	16.2	17.3	18.4	19.4	20	21	23	27	27	34
80°	8003	0.84	0.97	1.1	1.2	1.3	1.4	1.45	1.5	1.6	1.7	1.8	1.9	2.2	2.6
	8003	1.4	1.6	1.8	2	2.1	2.3	2.4	2.5	2.7	2.8	3	3.2	3.6	4.4
	8011	3.1	3.5	4	4.3	4.7	5	5.3	5.6	5.9	6.1	6.6	7.1	7.9	9.7
	8019	5.3	6.1	6.8	7.5	8.1	8.7	9.2	9.7	10.2	10.6	11.5	12.2	13.7	16.8
	8030	8.4	9.7	10.8	11.8	12.8	13.7	14.5	15.3	16	16.7	18.1	19.3	22	26
	8036	10	11.6	13	14.2	15.3	16.4	17.4	18.3	19.2	20	22	23	26	32
	8046	12.8	14.8	16.6	18.2	19.6	21	22	23	25	26	28	30	33	41
100°	10011	3.1	3.5	4	4.3	4.7	5	5.3	5.6	5.9	6.1	6.6	7.1	7.9	9.7
	10020	5.6	6.4	7.2	7.9	8.5	9.1	9.7	10.2	10.7	11.2	12.1	12.9	14.4	17.7
120°	12008	2.2	2.6	2.9	3.2	3.4	3.6	3.9	4.1	4.3	4.5	4.8	5.2	5.8	7.1
130°	13016	4.5	5.2	5.8	6.3	6.8	7.3	7.7	8.2	8.6	8.9	9.6	10.3	11.5	14.1