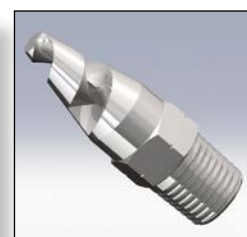
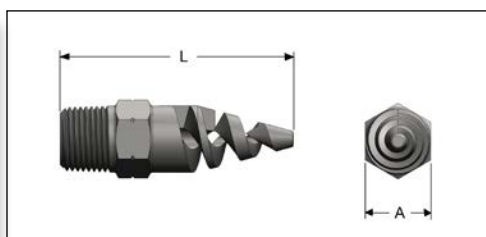
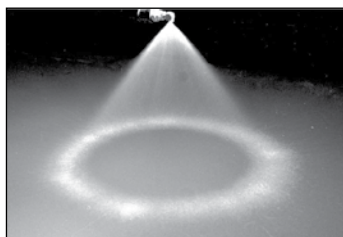




YH Twister® NOZZLE SPECIFICATIONS

Narrower Angles



SPRAY CHARACTERISTICS:

A hollow cone spray pattern with large flow rates and small droplet sizes.

CONSTRUCTION:

YH Series nozzles have an anti-clog design that can be easily inspected, cleaned and

serviced. Standard materials are brass, 303 stainless steel, 316 stainless steel, PVC and Teflon®. Other materials available upon request.

TYPICAL APPLICATIONS:

- Air & Gas Washing
- Dust Suppression
- Spray Ponds
- Cooling Tunnels
- Medical Treatment
- Humidification

Spray Angle	Model	Orifice Dia. (in)	CAPACITY AT VARIOUS PRESSURES (USGPM)									
			5 psi	7 psi	10 psi	20 psi	30 psi	40 psi	60 psi	100 psi	200 psi	300 psi
50	¼YH5007	0.094	0.50	0.59	0.70	0.99	1.21	1.40	1.71	2.21	3.13	3.8
	¼YH5013	0.125	0.09	0.11	0.13	0.18	0.23	0.26	0.32	0.41	0.58	0.71
	¼YH5020	0.156	1.41	1.67	2.00	2.83	3.5	4.0	4.9	6.3	8.9	11.0
	⅜YH5030	0.188	2.12	2.51	3.00	4.2	5.2	6.0	7.3	9.5	13.4	16.4
	⅜YH5040	0.219	2.83	3.3	4.0	5.7	6.9	8.0	9.8	12.6	17.9	21.9
	⅜YH5053	0.250	3.7	4.4	5.3	7.5	9.2	10.6	13.0	16.8	23.7	29.0
	⅜YH5082	0.313	5.8	6.9	8.2	11.6	14.2	16.4	20.1	25.9	37	45
	½YH50120	0.375	8.5	10.0	12.0	17.0	20.8	24.0	29.4	38	54	66
	½HY50164	0.438	11.6	13.7	16.4	23.2	28.4	33	40	52	73	90
	¾YH50210	0.500	8.5	10.0	12.0	17.0	20.8	24.0	29.4	38	54	66
60	¼YH6007	0.094	0.50	0.59	0.70	0.99	1.21	1.40	1.71	2.21	3.13	3.8
	¼YH6013	0.125	0.92	1.09	1.30	1.84	2.25	2.60	3.2	4.1	5.8	7.1
	¼YH6020	0.156	1.41	1.67	2.00	2.83	3.5	4.0	4.9	6.3	8.9	11.0
	⅜YH6030	0.188	2.12	2.51	3.00	4.2	5.2	6.0	7.3	9.5	13.4	16.4
	⅜YH6040	0.219	2.83	3.3	4.0	5.7	6.9	8.0	9.8	12.6	17.9	21.9
	⅜YH6053	0.250	3.7	4.4	5.3	7.5	9.2	10.6	13.0	16.8	23.7	29.0
	⅜YH6082	0.313	5.8	6.9	8.2	11.6	14.2	16.4	20.1	25.9	37	45
	½YH60120	0.375	8.5	10.0	12.0	17.0	20.8	24.0	29.4	38	54	66
	½YH60164	0.438	11.6	13.7	16.4	23.2	28.4	33	40	52	73	90
	¾YH60210	0.500	14.8	17.6	21.0	29.7	36	42	51	66	94	115
90	1YH60340	0.625	24.0	28.4	34	48	59	68	83	108	152	186
	1YH60470	0.750	33	39	47	66	81	94	115	149	210	257
	¼YH9007	0.094	0.50	0.59	0.70	0.99	1.21	1.40	1.71	2.21	3.13	3.8
	¼YH9013	0.125	0.92	1.09	1.30	1.84	2.25	2.60	3.2	4.1	5.8	7.1
	¼YH9020	0.156	1.41	1.67	2.00	2.83	3.5	4.0	4.9	6.3	8.9	11.0
	⅜YH9030	0.188	2.12	2.51	3.00	4.2	5.2	6.0	7.3	9.5	13.4	16.4
	⅜YH9040	0.219	2.83	3.3	4.0	5.7	6.9	8.0	9.8	12.6	17.9	21.9
	⅜YH9053	0.250	3.7	4.4	5.3	7.5	9.2	10.6	13.0	16.8	23.7	29.0
	⅜YH9082	0.313	5.8	6.9	8.2	11.6	14.2	16.4	20.1	25.9	37	45
	½YH90120	0.375	8.5	10.0	12.0	17.0	20.8	24.0	29.4	38	54	66
90	½YH90164	0.438	11.6	13.7	16.4	23.2	28.4	33	40	52	73	90
	¾YH90210	0.500	14.8	17.6	21.0	29.7	36	42	51	66	94	115
	1YH90340	0.625	24.0	28.4	34	48	59	68	83	108	152	186
	1YH90470	0.750	33	39	47	66	81	94	115	149	210	257