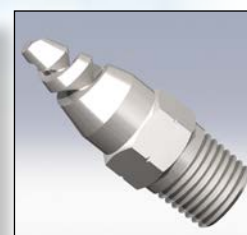
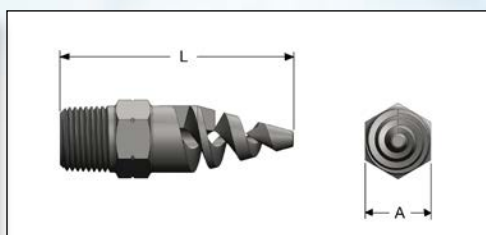
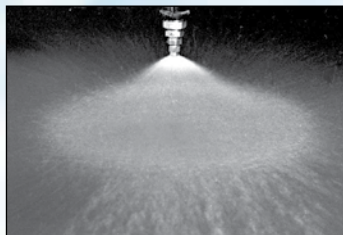




YS Twister® NOZZLE SPECIFICATIONS

Wider Angles



SPRAY CHARACTERISTICS:

A full cone spray pattern with larger flow rates and smaller droplet sizes. Durable, one-piece, anti-clog design has no internal vane to clog or wear out.

CONSTRUCTION:

All models are machined from solid bar stock. Standard materials of construction are brass, 303 stainless steel, 316 stainless steel, PVC and Teflon®. Other materials may be available on request.

TYPICAL APPLICATIONS:

- Washing and Rinsing
- Gas Cooling
- Chemical Processing
- Cooling Sprays
- 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
120	¼YS12007	0.087	0.50	0.59	0.70	0.99	1.21	1.40	1.71	2.21	3.13	3.8
	¼YS12013	0.119	0.92	1.09	1.30	1.84	2.25	2.60	3.2	4.1	5.8	7.1
	¼YS12020	0.147	1.41	1.67	2.00	2.83	3.5	4.0	4.9	6.3	8.9	11.0
	⅜YS12030	0.180	2.12	2.51	3.00	4.2	5.2	6.0	7.3	9.5	13.4	16.4
	⅜YS12040	0.208	2.83	3.3	4.0	5.7	6.9	8.0	9.8	12.6	17.9	21.9
	⅜YS12053	0.239	3.7	4.4	5.3	7.5	9.2	10.6	13.0	16.8	23.7	29.0
	⅜YS12082	0.298	5.8	6.9	8.2	11.6	14.2	16.4	20.1	25.9	37	45
	½YS120120	0.375	8.5	10.0	12.0	17.0	20.8	24.0	29.4	38	54	66
	½YS120164	0.438	11.6	13.7	16.4	23.2	28.4	33	40	52	73	90
150	¼YS15013	0.119	0.92	1.09	1.30	1.84	2.25	2.60	3.2	4.1	5.8	7.1
	¼YS15020	0.147	1.41	1.67	2.00	2.83	3.5	4.0	4.9	6.3	8.9	11.0
	⅜YS15030	0.180	2.12	2.51	3.00	4.2	5.2	6.0	7.3	9.5	13.4	16.4
	⅜YS15040	0.208	2.83	3.3	4.0	5.7	6.9	8.0	9.8	12.6	17.9	21.9
	⅜YS15053	0.239	3.7	4.4	5.3	7.5	9.2	10.6	13.0	16.8	23.7	29.0
	⅜YS15082	0.298	5.8	6.9	8.2	11.6	14.2	16.4	20.1	25.9	37	45
	½YS150120	0.321	8.5	10.0	12.0	17.0	20.8	24.0	29.4	38	54	66
	½YS150164	0.375	11.6	13.7	16.4	23.2	28.4	33	40	52	73	90
	½YS150170	0.438	11.6	13.7	16.4	23.2	28.4	33	40	52	73	90
170	¼YS17013	0.118	0.92	1.09	1.30	1.84	2.25	2.60	3.2	4.1	5.8	7.1
	¼YS17020	0.147	1.41	1.67	2.00	2.83	3.5	4.0	4.9	6.3	8.9	11.0
	⅜YS17030	0.180	2.12	2.51	3.00	4.2	5.2	6.0	7.3	9.5	13.4	16.4
	⅜YS17040	0.208	2.83	3.3	4.0	5.7	6.9	8.0	9.8	12.6	17.9	21.9
	⅜YS17053	0.239	3.7	4.4	5.3	7.5	9.2	10.6	13.0	16.8	23.7	29.0
	⅜YS17082	0.298	5.8	6.9	8.2	11.6	14.2	16.4	20.1	25.9	37	45
	½YS170120	0.321	8.5	10.0	12.0	17.0	20.8	24.0	29.4	38	54	66
	½YS170164	0.375	11.6	13.7	16.4	23.2	28.4	33	40	52	73	90
	½YS170170	0.438	11.6	13.7	16.4	23.2	28.4	33	40	52	73	90