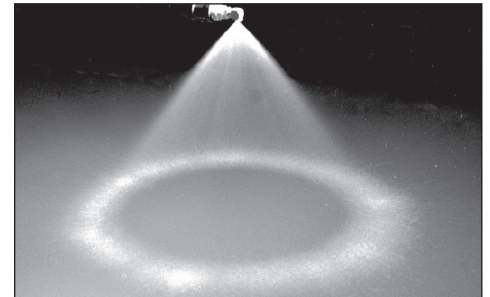
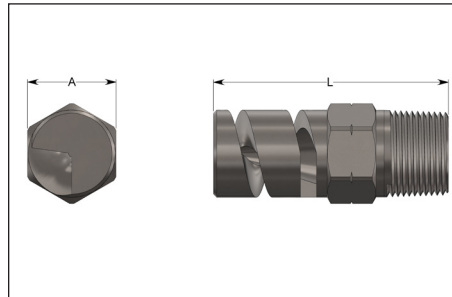




YH SERIES SPRAY NOZZLES

HOLLOW CONE • THREADED CONNECTION



SPRAY CHARACTERISTICS:

A hollow cone spray pattern with large flow rates and small droplet sizes. The twister design allows small solids to pass through the nozzle without clogging the orifice.

CONSTRUCTION:

Durable, one-piece, anti-clog design has no internal vane to clog or wear out. All models are machined from solid bar stock.

TYPICAL APPLICATIONS:

- Air and Gas Applications
- Dust Suppression
- Spray Ponds
- Cooling Tunnels
- Medical Treatment
- Humidification

Model	Spray Angle	Orifice Dia.	Dimensions		Capacities at Various Pressures USGPM									
			"A"	"L"	5 psi	7 psi	10 psi	20 psi	30 psi	40 psi	60 psi	100 psi	200 psi	300 psi
1/4YH5007	50°	0.094	0.56	1.19	0.50	0.59	0.70	0.99	1.21	1.40	1.71	2.21	3.13	3.8
1/4YH5013	50°	0.125	0.56	1.19	0.92	1.09	1.30	1.84	2.25	2.60	3.2	4.1	5.8	7.1
1/4YH5020	50°	0.156	0.56	1.19	1.41	1.67	2.00	2.83	3.5	4.0	4.9	6.3	8.9	11.0
3/8YH5030	50°	0.188	0.69	2.12	2.12	2.51	3.00	4.2	5.2	6.0	7.3	9.5	13.4	16.4
3/8YH5040	50°	0.219	0.69	2.12	2.83	3.3	4.0	5.7	6.9	8.0	9.8	12.6	17.9	21.9
3/8YH5053	50°	0.250	0.69	2.12	3.7	4.4	5.3	7.5	9.2	10.6	13.0	16.8	23.7	29.0
3/8YH5082	50°	0.313	0.69	2.12	5.8	6.9	8.2	11.6	14.2	16.4	20.1	25.9	37	45
1/2YH50120	50°	0.375	0.88	2.50	8.5	10.0	12.0	17.0	20.8	24.0	29.4	38	54	66
1/2HY50164	50°	0.438	0.88	2.50	11.6	13.7	16.4	23.2	28.4	33	40	52	73	90
3/4YH50210	50°	0.500	1.06	2.88	8.5	10.0	12.0	17.0	20.8	24.0	29.4	38	54	66
1/4YH6007	60°	0.094	0.56	1.19	0.50	0.59	0.70	0.99	1.21	1.40	1.71	2.21	3.13	3.8
1/4YH6013	60°	0.125	0.56	1.19	0.92	1.09	1.30	1.84	2.25	2.60	3.2	4.1	5.8	7.1
1/4YH6020	60°	0.156	0.56	1.19	1.41	1.67	2.00	2.83	3.5	4.0	4.9	6.3	8.9	11.0
3/8YH6030	60°	0.188	0.69	2.12	2.12	2.51	3.00	4.2	5.2	6.0	7.3	9.5	13.4	16.4
3/8YH6040	60°	0.219	0.69	2.12	2.83	3.3	4.0	5.7	6.9	8.0	9.8	12.6	17.9	21.9
3/8YH6053	60°	0.250	0.69	2.12	3.7	4.4	5.3	7.5	9.2	10.6	13.0	16.8	23.7	29.0
3/8YH6082	60°	0.313	0.69	2.12	5.8	6.9	8.2	11.6	14.2	16.4	20.1	25.9	37	45
1/2YH60120	60°	0.375	0.88	2.50	8.5	10.0	12.0	17.0	20.8	24.0	29.4	38	54	66
1/2YH60164	60°	0.438	0.88	2.50	11.6	13.7	16.4	23.2	28.4	33	40	52	73	90
3/4YH60210	60°	0.500	1.06	2.88	8.5	10.0	12.0	17.0	20.8	24.0	29.4	38	54	66
1YH60340	60°	0.625	1.38	3.7	24.0	28.4	34	48	59	68	83	108	152	186
1YH60470	60°	0.750	1.38	3.7	33	39	47	66	81	94	115	149	210	257

* TABLE CONTINUES ON FOLLOWING PAGE



Model	Spray Angle	Orifice Dia.	Dimensions		Capacities at Various Pressures USGPM									
			"A"	"L"	5 psi	7 psi	10 psi	20 psi	30 psi	40 psi	60 psi	100 psi	200 psi	300 psi
1/4YH9007	90°	0.094	0.56	1.19	0.50	0.59	0.70	0.99	1.21	1.40	1.71	2.21	3.13	3.8
1/4YH9013	90°	0.125	0.56	1.19	0.92	1.09	1.30	1.84	2.25	2.60	3.2	4.1	5.8	7.1
1/4YH9020	90°	0.156	0.56	1.19	1.41	1.67	2.00	2.83	3.5	4.0	4.9	6.3	8.9	11.0
3/8YH9030	90°	0.188	0.69	2.12	2.12	2.51	3.00	4.2	5.2	6.0	7.3	9.5	13.4	16.4
1/4YH9038	90°	0.212	0.69	1.31	2.69	3.2	3.8	5.4	6.6	7.6	9.3	12.0	17.0	20.8
3/8YH9040	90°	0.219	0.69	2.12	2.83	3.3	4.0	5.7	6.9	8.0	9.8	12.6	17.9	21.9
3/8YH9053	90°	0.250	0.69	2.12	3.7	4.4	5.3	7.5	9.2	10.6	13.0	16.8	23.7	29.0
3/8YH9082	90°	0.313	0.69	2.12	5.8	6.9	8.2	11.6	14.2	16.4	20.1	25.9	37	45
1/2YH90120	90°	0.375	0.88	2.50	8.5	10.0	12.0	17.0	20.8	24.0	29.4	38	54	66
1/2YH90164	90°	0.438	0.88	2.50	11.6	13.7	16.4	23.2	28.4	33	40	52	73	90
3/4YH90210	90°	0.500	1.06	2.88	14.8	17.6	21.0	29.7	36	42	51	66	94	115
1YH90340	90°	0.625	1.38	3.7	24.0	28.4	34	48	59	68	83	108	152	186
1YH90470	90°	0.750	1.38	3.7	33	39	47	66	81	94	115	149	210	257
1/4YH12007	120°	0.094	0.56	1.19	0.50	0.59	0.70	0.99	1.21	1.40	1.71	2.21	3.13	3.8
1/4YH12013	120°	0.125	0.56	1.19	0.92	1.09	1.30	1.84	2.25	2.60	3.2	4.1	5.8	7.1
1/4YH12020	120°	0.156	0.56	1.19	1.41	1.67	2.00	2.83	3.5	4.0	4.9	6.3	8.9	11.0
3/8YH12030	120°	0.188	0.69	2.12	2.12	2.51	3.00	4.2	5.2	6.0	7.3	9.5	13.4	16.4
3/8YH12040	120°	0.219	0.69	2.12	2.83	3.3	4.0	5.7	6.9	8.0	9.8	12.6	17.9	21.9
3/8YH12053	120°	0.250	0.69	2.12	3.7	4.4	5.3	7.5	9.2	10.6	13.0	16.8	23.7	29.0
3/8YH12082	120°	0.313	0.69	2.12	5.8	6.9	8.2	11.6	14.2	16.4	20.1	25.9	37	45
1/2YH120120	120°	0.375	0.88	2.50	8.5	10.0	12.0	17.0	20.8	24.0	29.4	38	54	66
1/2YH120164	120°	0.438	0.88	2.50	11.6	13.7	16.4	23.2	28.4	33	40	52	73	90
3/4YH120210	120°	0.500	1.06	2.88	8.5	10.0	12.0	17.0	20.8	24.0	29.4	38	54	66
1YH120340	120°	0.625	1.38	3.7	24.0	28.4	34	48	59	68	83	108	152	186
1YH120470	120°	0.750	1.38	3.7	33	39	47	66	81	94	115	149	210	257
1/4YH18007	180°	0.094	1.38	1.19	0.50	0.59	0.70	0.99	1.21	1.40	1.71	2.21	3.13	3.8
1/4YH18013	180°	0.125	0.56	1.88	0.92	1.09	1.30	1.84	2.25	2.60	3.2	4.1	5.8	7.1
1/4YH18020	180°	0.156	0.56	1.19	1.41	1.67	2.00	2.83	3.5	4.0	4.9	6.3	8.9	11.0
3/8YH18030	180°	0.188	0.69	2.12	2.12	2.51	3.00	4.2	5.2	6.0	7.3	9.5	13.4	16.4
3/8YH18040	180°	0.219	0.69	2.12	2.83	3.3	4.0	5.7	6.9	8.0	9.8	12.6	17.9	21.9
3/8YH18053	180°	0.250	0.69	2.12	3.7	4.4	5.3	7.5	9.2	10.6	13.0	16.8	23.7	29.0
3/8YH18082	180°	0.313	0.69	2.12	5.8	6.9	8.2	11.6	14.2	16.4	20.1	25.9	37	45
1/2YH180120	180°	0.375	0.88	2.50	8.5	10.0	12.0	17.0	20.8	24.0	29.4	38	54	66
1/2YH180164	180°	0.438	0.88	2.50	11.6	13.7	16.4	23.2	28.4	33	40	52	73	90
3/4YH180210	180°	0.500	1.06	2.88	8.5	10.0	12.0	17.0	20.8	24.0	29.4	38	54	66
1YH180340	180°	0.625	1.38	3.7	24.0	28.4	34	48	59	68	83	108	152	186
1YH180470	180°	0.750	1.38	3.7	33	39	47	66	81	94	115	149	210	257