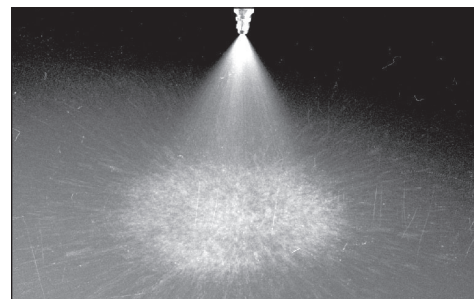
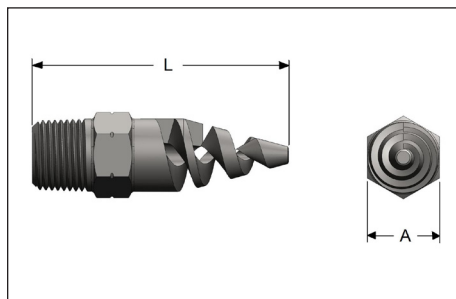




YS SERIES SPRAY NOZZLES

FULL CONE • THREADED CONNECTION



SPRAY CHARACTERISTICS:

An approximately full cone spray pattern with larger flow rates and smaller 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:

- Washing and Rinsing
- Gas Cooling
- Chemical Processing
- Cooling Sprays
- Humidification
- Sewage Treatment

Model #	Spray Angle	Orifice Dia.	Dimensions		Capacities at Various Pressures LPM									
			"A"	"L"	0.3 bar	0.5 bar	0.7 bar	1 bar	1.5 bar	2 bar	3 bar	5 bar	10 bar	20 bar
1/4YS6007	60°	2.21	14.3	48	1.75	2.26	2.67	3.2	3.9	4.5	5.5	7.1	10.1	14.3
3/8YS6007	60°	2.21	17.5	48	1.75	2.26	2.67	3.2	3.9	4.5	5.5	7.1	10.1	14.3
1/4YS6013	60°	3.02	14.3	48	3.2	4.2	5.0	5.9	7.3	8.4	10.3	13.2	18.7	26.5
3/8YS6013	60°	3.02	17.5	48	3.2	4.2	5.0	5.9	7.3	8.4	10.3	13.2	18.7	26.5
3/8YS6020	60°	3.73	17.5	48	5.0	6.4	7.6	9.1	11.2	12.9	15.8	20.4	28.8	41
3/8YS6030	60°	4.57	17.5	48	7.5	9.7	11.4	13.7	16.7	19.3	23.7	30.6	43	61
3/8YS6040	60°	5.28	17.5	48	10.0	12.9	15.3	18.2	22.3	25.8	31.6	41	58	82
3/8YS6053	60°	6.07	17.5	48	13.2	17.1	20.2	24.2	29.6	34	42	54	76	108
3/8YS6082	60°	7.57	17.5	48	20.5	26.4	31.3	37	46	53	65	84	118	167
1/2YS60120	60°	9.53	22.2	64	30.0	39	46	55	67	77	95	122	173	245
1/2YS60164	60°	11.13	22.2	64	41	53	63	75	92	106	129	167	236	334
1/4YS9007	90°	2.21	14.3	48	1.75	2.26	2.67	3.2	3.9	4.5	5.5	7.1	10.1	14.3
1/4YS9013	90°	3.02	14.3	48	3.2	4.2	5.0	5.9	7.3	8.4	10.3	13.2	18.7	26.5
1/4YS9020	90°	3.73	14.3	48	5.0	6.4	7.6	9.1	11.2	12.9	15.8	20.4	28.8	41
3/8YS9030	90°	4.57	17.5	54	7.5	9.7	11.4	13.7	16.7	19.3	23.7	30.6	43	61
3/8YS9040	90°	5.28	17.5	54	10.0	12.9	15.3	18.2	22.3	25.8	31.6	41	58	82
3/8YS9053	90°	6.07	17.5	54	13.2	17.1	20.2	24.2	29.6	34	42	54	76	108
3/8YS9082	90°	7.57	17.5	54	20.5	26.4	31.3	37	46	53	65	84	118	167
1/2YS90120	90°	9.53	22.2	64	30.0	39	46	55	67	77	95	122	173	245
1/2YS90164	90°	11.13	22.2	64	41	53	63	75	92	106	129	167	236	334

* TABLE CONTINUES ON FOLLOWING PAGE



YS SPRAY NOZZLE SPECIFICATIONS
FULL CONE • THREADED CONNECTION • ONE-PIECE CONSTRUCTION

www.BEX.com

Model #	Spray Angle	Orifice Dia.	Dimensions		Capacities at Various Pressures LPM									
			"A"	"L"	0.3 bar	0.5 bar	0.7 bar	1 bar	1.5 bar	2 bar	3 bar	5 bar	10 bar	20 bar
1/4YS12013	120°	3.02	14.3	48	3.2	4.2	5.0	5.9	7.3	8.4	10.3	13.2	18.7	26.5
3/8YS12030	120°	4.57	17.5	54	7.5	9.7	11.4	13.7	16.7	19.3	23.7	30.6	43	61
3/8YS12040	120°	5.28	17.5	54	10.0	12.9	15.3	18.2	22.3	25.8	31.6	41	58	82
1/4YS12007	120°	2.21	14.3	48	1.75	2.26	2.67	3.2	3.9	4.5	5.5	7.1	10.1	14.3
3/8YS12053	120°	6.07	17.5	54	13.2	17.1	20.2	24.2	29.6	34	42	54	76	108
3/8YS12082	120°	7.57	17.5	54	20.5	26.4	31.3	37	46	53	65	84	118	167
1/2YS120120	120°	9.53	22.2	64	30.0	39	46	55	67	77	95	122	173	245
1/2YS120164	120°	11.13	22.2	64	41	53	63	75	92	106	129	167	236	334
3/4YS120210	120°	12.60	22.2	70	52	68	80	96	117	135	166	214	303	428
1/4YS12020	120°	3.73	14.3	48	5.0	6.4	7.6	9.1	11.2	12.9	15.8	20.4	28.8	41
1/2YS150120	150°	8.15	22.2	64	30.0	39	46	55	67	77	95	122	173	245
3/8YS15082	150°	7.57	17.5	54	20.5	26.4	31.3	37	46	53	65	84	118	167
1/2YS150164	150°	9.53	22.2	64	41	53	63	75	92	106	129	167	236	334
3/8YS15053	150°	6.07	17.5	54	13.2	17.1	20.2	24.2	29.6	34	42	54	76	108
3/8YS15030	150°	4.57	17.5	54	7.5	9.7	11.4	13.7	16.7	19.3	23.7	30.6	43	61
1/4YS15020	150°	3.73	14.3	48	5.0	6.4	7.6	9.1	11.2	12.9	15.8	20.4	28.8	41
1/4YS15013	150°	3.02	14.3	48	3.2	4.2	5.0	5.9	7.3	8.4	10.3	13.2	18.7	26.5
3/8YS15040	150°	5.28	17.5	54	10.0	12.9	15.3	18.2	22.3	25.8	31.6	41	58	82
1/4YS17013	170°	3.00	17.5	48	3.2	4.2	5.0	5.9	7.3	8.4	10.3	13.2	18.7	26.5
3/8YS17030	170°	4.57	17.5	54	7.5	9.7	11.4	13.7	16.7	19.3	23.7	30.6	43	61
3/8YS17040	170°	5.28	17.5	54	10.0	12.9	15.3	18.2	22.3	25.8	31.6	41	58	82
3/8YS17053	170°	6.07	17.5	54	13.2	17.1	20.2	24.2	29.6	34	42	54	76	108
3/8YS17082	170°	7.57	17.5	54	20.5	26.4	31.3	37	46	53	65	84	118	167
1/2YS170170	170°	11.13	22.2	64	42	55	65	77	95	110	134	173	245	347
1/4YS17020	170°	3.73	17.5	48	5.0	6.4	7.6	9.1	11.2	12.9	15.8	20.4	28.8	41
1/2YS170164	170°	9.53	22.2	64	41	53	63	75	92	106	129	167	236	334
1/2YS170120	170°	8.15	22.2	64	30.0	39	46	55	67	77	95	122	173	245