

FULL CONE SPRAY NOZZLES

■ PERFORMANCE DATA: SPIRAL SPRAY

Inlet Conn. (in.)	Nozzle Type	Spray Angle at 10 psi					Capacity Size	Orifice Dia. Nom. (in.)	Max. Free Passage Dia. (in.)	Flow Rate Capacity (gallons per minute)				
		NPHSJ	60°	90°	120°	150°				10 psi	20 psi	40 psi	100 psi	400 psi
1/4	•	•	•	•			07	.094	.094	.70	.99	1.4	2.2	4.4
	•	•	•	•	•	•	13	.125	.125	1.3	1.8	2.6	4.1	8.2
	•	•	•	•	•	•	20	.156	.125	2.0	2.8	4.0	6.3	12.6
3/8	•	•					07	.094	.094	.70	.99	1.4	2.2	4.4
	•	•					13	.125	.125	1.3	1.8	2.6	4.1	8.2
	•	•					20	.156	.125	2.0	2.8	4.0	6.3	12.6
	•	•	•	•	•	•	30	.188	.125	3.0	4.2	6.0	9.5	19.0
	•	•	•	•	•	•	40	.219	.125	4.0	5.7	8.0	12.6	25
	•	•	•	•	•	•	53	.250	.125	5.3	7.5	10.6	16.8	34
	•	•	•	•	•	•	82	.313	.125	8.2	11.6	16.4	26	52
1/2	•	•	•	•	•	•	120	.375	.188	12.0	17.0	24	38	76
	•	•	•	•	•	•	164	.438	.188	16.4	23	33	52	104
	•					•	210	.500	.188	21	30	42	66	133
3/4	•	•	•	•	•	•	210	.500	.188	21	30	42	66	133
1	•	•	•	•	•	•	340	.625	.250	34	48	68	108	215
	•	•	•	•	•	•	470	.750	.250	47	66	94	149	297
1-1/2	•	•	•	•	•	•	640	.875	.313	64	91	128	202	405
	•	•	•	•	•	•	820	1.000	.313	82	116	164	259	519
	•	•	•	•	•	•	960	1.125	.313	96	136	192	304	607
2	•	•	•	•	•	•	1400	1.375	.438	140	198	280	443	885
	•	•	•	•	•	•	1780	1.500	.438	178	252	356	563	1126

Maximum Free Passage Diameter is the maximum diameter as listed of foreign matter that can pass through the nozzle without clogging.

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DIMENSIONS AND WEIGHTS

Nozzle	Nozzle Type	Inlet Conn. (in.)	L (in.)	Hex. (in.)	Net Weight (oz.)
	NPHSJ (M)	1/4	2.125	9/16	1
		3/8	2.375	11/16	1.8
		1/2	3.125	7/8	3.5
		3/4	3.438	1-1/16	5.4
		1	4.563	1-3/8	10
		1-1/2	6.750	2	27
		2	6.875	2-1/2	35
		3	11.875	3-3/4	92
		4	13.250	4-1/2	10.3 lbs.

Based on the largest/heaviest version of each type.

ORDERING INFO

Unit Formula Complete Nozzle					
NPHSJ Nozzle Type	-	60 Spray Angle	-	07 Capacity	-
				1/4 Inlet Connection	-
					316 Material

Available materials: Brass (blank), 316 Stainless Steel (316), Polypropylene (PP), Teflon/PTFE (TEF), or Polyvinyl chloride (PVC)