

UNIT FORMULA FLAT SPRAY NOZZLES

WIDE ANGLE SPRAY



■ PERFORMANCE DATA

NP3K

*At the stated pressure in bar.

Inlet Conn. (in.)	Capacity Size	Orifice Dia. Nom. (mm)	Capacity (liters per hour)*									Spray Angle (°)*		
			0.2	0.4	0.5	0.7	1	1.5	2	3	4	0.5	1.5	4
1/4	.50	.58	-	-	-	-	.22	.27	.31	.38	.45	-	89	122
	.75	.74	-	-	-	.28	.33	.41	.47	.58	.67	-	106	125
	1	.84	-	-	-	.37	.45	.55	.63	.78	.90	-	109	128
	1.5	1.0	-	-	.47	.56	.67	.83	.96	1.1	1.3	73	108	125
	2	1.2	-	-	.63	.75	.90	1.0	1.2	1.5	1.7	83	113	129
	2.5	1.3	-	.71	.80	.94	1.0	1.3	1.5	1.9	2.2	98	122	133
	3	1.4	-	.85	.96	1.0	1.3	1.6	1.8	2.3	2.6	86	112	126
	4	1.7	-	1.1	1.2	1.4	1.7	2.1	2.5	3.1	3.5	97	123	132
	5	1.9	.9	1.3	1.5	1.8	2.2	2.7	3.1	3.8	4.5	114	128	142
	7.5	2.3	1.4	2.1	2.3	2.8	3.3	4.1	4.7	5.8	6.7	101	119	134
	10	2.7	1.9	2.8	3.1	3.7	4.5	5.5	6.3	7.8	9.0	115	133	145
	12	2.9	2.3	3.4	3.8	4.5	5.4	6.6	7.6	9.4	10.8	128	139	153
	15	3.3	3.0	4.2	4.7	5.6	6.7	8.3	9.6	11.7	13.6	98	113	123
	18	3.6	3.6	5.2	5.7	6.8	8.1	10.0	11.5	14.1	16.3	106	120	131
	20	3.8	4.0	5.7	6.3	7.5	9.0	11.1	12.8	15.7	18.1	110	122	133
	24	4.1	4.8	6.8	7.6	9.1	10.8	13.3	15.4	18.9	21.9	115	131	144
	30	4.6	6.0	8.5	9.6	11.3	13.6	16.7	19.2	23.9	26.9	100	110	121
	40	5.3	8.1	11.4	12.8	15.2	18.1	21.9	25.9	31.9	35.9	111	126	136
	50	5.9	10.1	14.3	16.0	19.0	22.9	27.9	31.9	38.9	45.9	117	131	140

Other body types may be available. Contact representative for further information.

■ DIMENSIONS AND WEIGHTS

Standard	Nozzle Type	Length (mm)	Hex. (mm)	Net Weight (kg)
	F + NP3K	51	20.6	.07
	M + NP3K	51	20.6	.06

■ MATERIALS

Material	Material Code	Spray Tip
		NP3K
Brass	(none)	•
303 Stainless Steel	SS	•

Other materials available upon request

■ ORDERING INFO

Unit Formula Complete Nozzle						
Nozzle Body				Spray Tip		
1/4	M	-	SS	+	NP3K	- SS 5
Inlet Conn.	Body Type	Material Code			Tip Type	Material Code Capacity Size

BSPT connections require the addition of a "B" prior to the nozzle body inlet connection.

Mesh Selection Guide	
Orifice Dia. in. (mm)	Recommended Screen Mesh
Up through .018 (.46)	200
.019 (.47) through .031 (.79)	100
.032 (.80) and larger	50