

> 3000 Series 3TN Nozzle System > Metric Units (LPM)

- Quick-Change
- Color-Coded
- Precision Accuracy
- High Wear Resistance



The nozzle sizing system is based on 128th inch increments, i.e. 3TN Nozzle #22 has an orifice diameter of 22/128th inches while 3TN Nozzle #23 has an orifice diameter of 23/128th inches. Odd numbered nozzles have a color box around the number marking. This color box denotes the color of next larger nozzle size.

#	#9	#10	#11	#12	#13	#14	#15	#16	#17	#18	#19
Color Stripe	Light Blue Beige	Beige	Beige Gold	Gold	Gold Lime	Lime	Lime Lavender	Lavender	Lavender Gray	Gray	Gray Turquoise
BAR	LPM	LPM	LPM	LPM	LPM	LPM	LPM	LPM	LPM	LPM	LPM
0.4	1.28	1.59	1.89	2.30	2.68	3.10	3.59	4.08	4.61	5.14	5.79
0.7	1.66	2.04	2.46	2.99	3.48	4.01	4.65	5.29	5.98	6.62	7.45
1.0	2.00	2.50	2.99	3.63	4.27	4.88	5.71	6.47	7.30	8.09	9.12
1.4	2.34	2.87	3.48	4.20	4.92	5.63	6.58	7.49	8.44	9.38	10.56
1.7	2.61	3.22	3.86	4.69	5.52	6.32	7.38	8.36	9.46	10.48	11.81
2.1	2.87	3.52	4.23	5.14	6.01	6.92	8.09	9.15	10.37	11.46	12.90
2.8	3.29	4.05	4.88	5.94	6.96	7.98	9.34	10.59	11.96	13.24	14.91
3.4	3.67	4.54	5.48	6.66	7.79	8.93	10.44	11.84	13.32	14.79	16.69

#	#20	#21	#22	#23	#24	#25	#26	#27	#28	#29	#30
Color Stripe	Turquoise	Turquoise Yellow	Yellow	Yellow Red	Red	Red White	White	White Blue	Blue	Blue Dark Brown	Dark Brown
BAR	LPM	LPM	LPM	LPM	LPM	LPM	LPM	LPM	LPM	LPM	LPM
0.4	6.43	6.96	7.72	8.40	9.23	9.99	10.86	11.61	12.68	13.55	14.49
0.7	8.28	9.00	9.99	10.82	11.96	12.90	14.00	15.00	16.35	17.48	18.69
1.0	10.18	11.01	12.22	13.24	14.61	15.78	17.14	18.39	20.02	21.42	22.93
1.4	11.73	12.71	14.11	15.32	16.88	18.24	19.79	21.23	23.12	24.71	26.45
1.7	13.13	14.23	15.78	17.10	18.88	20.36	22.14	23.73	25.85	27.63	29.59
2.1	14.38	15.59	17.25	18.77	20.70	22.33	24.26	26.00	28.31	30.28	32.39
2.8	16.61	18.01	19.94	21.65	23.88	25.77	28.00	30.65	32.70	34.97	37.43
3.4	18.54	20.13	22.29	24.22	26.72	28.80	31.33	33.57	36.56	39.13	41.86

#	#31	#32	#33	#34	#35	#36	#37	#38	#39	#40	#41
Color Stripe	Dark Brown Orange	Orange	Orange Dark Green	Dark Green	Dark Green Purple	Purple	Purple Black	Black	Black Dk. Turquoise	Turquoise	Dk. Turquoise Mustard
BAR	LPM	LPM	LPM	LPM	LPM	LPM	LPM	LPM	LPM	LPM	LPM
0.4	15.36	16.50	17.60	18.69	19.68	20.07	22.10	23.39	24.68	25.92	27.48
0.7	19.83	21.50	22.71	24.11	25.43	26.72	28.54	30.16	31.87	33.49	35.47
1.0	24.26	26.07	29.71	29.56	31.15	32.74	34.97	36.98	39.02	41.02	43.45
1.4	28.00	30.12	32.13	34.10	35.95	37.77	40.38	42.69	45.08	47.35	50.19
1.7	31.34	33.68	35.91	38.15	40.19	42.24	45.11	47.72	50.38	52.95	56.09
2.1	34.32	36.90	39.32	41.78	44.05	46.29	49.43	52.27	55.19	58.02	61.43
2.8	36.62	42.62	45.42	48.25	50.87	53.44	57.07	60.37	63.74	66.99	70.97
3.4	44.32	47.65	50.79	53.93	56.85	59.76	63.81	67.48	71.20	74.90	79.33

#	#42	#43	#44	#45	#46	#47	#48	#49	#50
Color Stripe	Mustard	Mustard Maroon	Maroon	Maroon Cream	Cream	Cream Dark Blue	Dark Blue	Dark Blue Copper	Copper
BAR	LPM	LPM	LPM	LPM	LPM	LPM	LPM	LPM	LPM
0.4	28.76	30.13	31.52	33.04	34.51	36.26	37.69	39.02	40.76
0.7	37.13	38.91	40.68	42.66	44.54	46.78	48.67	50.38	52.64
1.0	45.45	47.65	49.84	52.23	54.54	57.30	59.61	61.70	64.45
1.4	52.49	55.03	57.53	60.30	62.98	66.20	68.84	71.23	74.45
1.7	58.70	61.51	64.34	67.41	70.43	74.00	79.94	79.67	83.23
2.1	64.30	67.37	70.47	73.85	77.13	81.07	84.32	87.24	91.18
2.8	74.22	77.82	81.37	85.28	89.09	93.60	97.35	100.76	105.29
3.4	83.00	86.98	90.99	95.34	99.58	104.66	108.85	112.64	117.71

This flow data was obtained under ideal test conditions and may be adversely affected by poor hydraulic entrance conditions, turbulence or other factors. Nelson Irrigation makes no representation regarding sprinkler flow rate accuracy under various plumbing and drop pipe conditions.

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