

> 3000 Series 3TN Nozzle System > U.S. Units (GPM)

- 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	Light Blue	Beige	Beige	Gold	Gold	Lime	Lime	Lavender	Lavender	Gray	Gray
Stripe	Beige		Gold		Lime		Lavender		Gray		Turquoise
PSI	GPM	GPM	GPM	GPM	GPM	GPM	GPM	GPM	GPM	GPM	GPM
6	0.34	0.42	0.50	0.61	0.71	0.82	0.95	1.08	1.22	1.36	1.53
10	0.44	0.54	0.65	0.79	0.92	1.06	1.23	1.40	1.58	1.75	1.97
15	0.53	0.66	0.79	0.96	1.13	1.29	1.51	1.71	1.93	2.14	2.41
20	0.62	0.76	0.92	1.11	1.30	1.49	1.74	1.98	2.23	2.48	2.79
25	0.69	0.85	1.02	1.24	1.46	1.67	1.95	2.21	2.50	2.77	3.12
30	0.76	0.93	1.12	1.36	1.59	1.83	2.14	2.42	2.74	3.03	3.41
40	0.87	1.07	1.29	1.57	1.84	2.11	2.47	2.80	3.16	3.50	3.94
50	0.97	1.20	1.45	1.76	2.06	2.36	2.76	3.13	3.53	3.91	4.41

#	#20	#21	#22	#23	#24	#25	#26	#27	#28	#29	#30
Color	Turquoise	Turquoise	Yellow	Yellow	Red	Red	White	White	Blue	Blue	Dark Brown
Stripe		Yellow		Red		White		Blue		Dark Brown	Dark Brown
PSI	GPM	GPM	GPM	GPM	GPM	GPM	GPM	GPM	GPM	GPM	GPM
6	1.70	1.84	2.04	2.22	2.44	2.64	2.87	3.07	3.35	3.58	3.83
10	2.19	2.38	2.64	2.86	3.16	3.41	3.70	3.97	4.32	4.62	4.94
15	2.69	2.91	3.23	3.50	3.86	4.17	4.53	4.86	5.29	5.66	6.06
20	3.10	3.36	3.73	4.05	4.46	4.82	5.23	5.61	6.11	6.53	6.99
25	3.47	3.76	4.17	4.52	4.99	5.38	5.85	6.27	6.83	7.30	7.82
30	3.80	4.12	4.56	4.96	5.47	5.90	6.41	6.87	7.48	8.00	8.56
40	4.39	4.76	5.27	5.72	6.31	6.81	7.40	7.94	8.64	9.24	9.89
50	4.90	5.32	5.89	6.40	7.06	7.61	8.28	8.87	9.66	10.33	11.06

#	#31	#32	#33	#34	#35	#36	#37	#38	#39	#40	#41
Color	Dark Brown	Orange	Orange	Dark Green	Dark Green	Purple	Purple	Black	Black	Dark	Dark
Stripe	Orange		Dark Green		Purple		Black		Dk. Turquoise	Turquoise	Dk. Turquoise
PSI	GPM	GPM	GPM	GPM	GPM	GPM	GPM	GPM	GPM	GPM	GPM
6	4.06	4.36	4.65	4.94	5.20	5.47	5.84	6.18	6.52	6.85	7.26
10	5.24	5.63	6.00	6.37	6.72	7.06	7.54	7.97	8.42	8.85	9.37
15	6.41	6.89	7.35	7.81	8.23	8.65	9.24	9.77	10.31	10.84	11.48
20	7.40	7.96	8.49	9.01	9.50	9.98	10.67	11.28	11.91	12.51	13.26
25	8.28	8.90	9.49	10.08	10.62	11.16	11.92	12.61	13.31	13.99	14.82
30	9.07	9.75	10.39	11.04	11.64	12.23	13.06	13.81	14.58	15.33	16.23
40	10.47	11.26	12.00	12.75	13.44	14.12	15.08	15.95	16.84	17.70	18.75
50	11.71	12.59	13.42	14.25	15.02	15.79	16.86	17.83	18.81	19.79	20.96

#	#42	#43	#44	#45	#46	#47	#48	#49	#50
Color	Mustard	Mustard	Maroon	Maroon	Cream	Cream	Dark Blue	Dark Blue	Copper
Stripe		Maroon		Cream		Dark Blue		Copper	
PSI	GPM	GPM	GPM	GPM	GPM	GPM	GPM	GPM	GPM
6	7.60	7.96	8.33	8.73	9.12	9.58	9.96	10.31	10.77
10	9.81	10.28	10.75	11.27	11.77	12.36	12.86	13.31	13.91
15	12.01	12.59	13.17	13.80	14.41	15.14	15.75	16.30	17.03
20	13.87	14.54	15.20	15.93	16.64	17.49	18.19	18.82	19.67
25	15.51	16.25	17.00	17.81	18.61	19.55	20.33	21.05	21.99
30	16.99	17.80	18.62	19.51	20.38	21.42	22.28	23.05	24.09
40	19.61	20.56	21.50	22.53	23.54	24.73	25.72	26.62	27.82
50	21.93	22.98	24.04	25.19	26.31	27.65	28.76	29.76	31.10

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.

WARRANTY AND DISCLAIMER: Nelson 3000 Series Pivot Products and accessories are warranted for one year from date of original sale to be free of defective materials and workmanship when used within the working specifications for which the products were designed and under normal use and service. The manufacturer assumes no responsibility for installation, removal or unauthorized repair of defective parts. The manufacturer's liability under this warranty is limited solely to replacement or repair of defective parts and the manufacturer will not be liable for any crop or other consequential damages resulting from defects or breach of warranty. THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR PARTICULAR PURPOSES AND OF ALL OTHER OBLIGATIONS OR LIABILITIES OF MANUFACTURER. No agent, employee or representative of the manufacturer has authority to waive, alter or add to the provisions of this warranty, nor to make any representations or warranty not contained herein.

This product may be covered by one or more of the following U.S. Patent Nos. 4796811, RE33823, DES312865, 5415348, 5409168 and other U.S. Patents pending or corresponding issued or pending foreign patents.



Nelson Irrigation Corporation

848 Airport Rd., Walla Walla, WA 99362 USA

Tel: 509.525.7660 Fax: 509.525.7907 info@nelsonirrigation.com

Nelson Irrigation Corporation of Australia Pty. Ltd.

35 Sudbury Street, Darra QLD 4074 info@nelsonirrigation.com.au

Tel: +61 7 3715 8555 Fax: +61 7 3715 8666

WWW.NELSONIRRIGATION.COM