



R10
0.3-0.7 GPM
61-164 LPH



R10 TURBO
0.6-2.1 GPM
140-469 LPH

OVERVIEW

Ultra Reliable Low-Volume Sprinklers

Filling the need for small, low-volume sprinklers that perform reliably in the mid-range between micro and a regular size sprinkler, Nelson R10 and R10 Turbo (R10T) Rotators are right on target. Incorporating the same proven, patented drive principle and advanced sprinkler technology used in other Nelson Rotators, the R10 and R10T are making their mark in a wide variety of orchard and field irrigation applications.

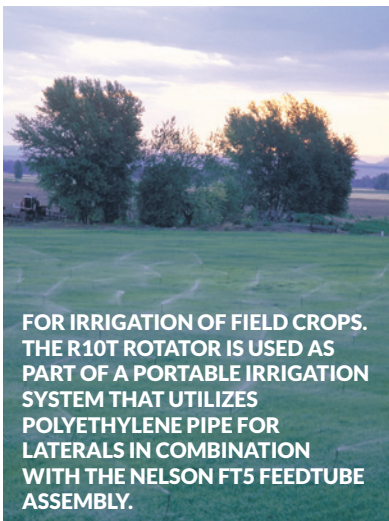
For durability, dependability and doing a better job of uniform water application, the choice is simple. Nelson R10 and R10 Turbo.

NELSON 2TN NOZZLE

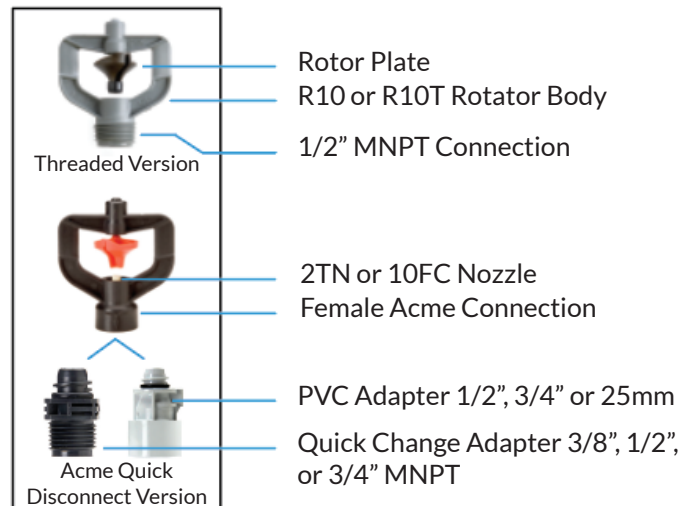
- Long wear and high accuracy
- Color-coded for easy identification
- Easy change snap in or out design



CROP APPLICATIONS












R10 AND R10 TURBO COMPONENTS















R10 PLATE/NOZZLE OPTIONS AND FLOW PERFORMANCE IN GPH AND LPH

PLATE SERIES	PLATE OPTIONS	RECOMMENDED NOZZLES*	PSI					BAR							
			25	30	35	40	45	50	1.75	2	2.25	2.5	2.75	3	3.25
P2	P2 9° Red Radius 18-20 (5.5-6.1 m) Stream Ht. 14-23" (36-58 cm) 	 Lt. Blue #40			9.5	10.5	11.4	12.1				36	39	42	44
		 Lt. Purple #4		10.8	12.2	13.3	14.4			43	46	49	53	56	
		 Dk. Green #9	11.7	13.7	15.4	16.8	18.2		44	49	54	59	63	67	70
		.35 10FC .43 10FC	Within the recommended pressure range of 25-50 PSI (1.75-3.25 BAR), the .35 10 FC flow control nozzle is flow regulating within a flow range of no more than 0% greater and 10% less than the nominal flow of .35 GPM (79.5 LPH).												
P4	P4 9° White Radius 18-22' (5.5-6.7 m) Stream Ht. 14-24" (36-61cm)  P4 15° Orange Radius: 23-25' (7.0-7.6 m) Stream Ht. 40-50" (102-127 cm) 	 Dk. Green #50			.43	.46	.48	.51			93.4	99.4	104	108	112
		 Lt. Yellow #55	.44	.48	.52	.55	.59	.62	101	107	114	120	125	131	137
		 Lt. Red #60	.51	.56	.61	.65	.69	.73	117	125	133	141	147	154	161
		.50 10FC	Within the recommended pressure range of pressure range of 25-50 PSI (1.75-3.25 BAR), the .5 10 FC flow control nozzle is flow regulating within a flow range of no more than 0% greater and 10% less than the nominal flow of .5 GPM (114 LPH).												

R10 TURBO PLATE/NOZZLE OPTIONS AND FLOW PERFORMANCE IN GPH AND LPH

PLATE SERIES	PLATE OPTIONS	RECOMMENDED NOZZLES*	PSI					BAR							
			25	30	35	40	45	50	1.75	2	2.25	2.5	2.75	3	3.25
P6	P6 9° Blue R.20-22' (6.1-6.7 m) Stream Ht. 17-30" (43-76cm)  P6 15° Purple R. 25-26' (7.6-7.9 m) Stream Ht. 33-49" (84-124 cm) 	 Gray #65	.61	.67	.72	.77	.82	.86	140	150	158	166	175	183	190
		 White #70	.70	.77	.83	.89	.94	1.00	160	172	182	192	202	210	219
		 Dk. Blue #78	.88	.97	1.05	1.12	1.19	1.25	201	217	230	242	254	266	276
		.75 10FC 1.0 10FC	Within the recommended pressure range of 25 to 50 PSI (1.75-3.25 BAR), the .75 10 FC flow control nozzle is flow regulating within a flow range of no more than 0% greater and 10% less than the nominal flow of .75 GPM (170 LPH). Within the recommended pressure range of 30 to 50 PSI (2-3.75 BAR), the 1.0 10 FC flow control nozzle is flow regulating within a flow range of no more than 0% greater and 10% less than the nominal flow of 1.0 GPM (227 LPH).												
P8	P8 15° Gold R. 26-30' (7.9-9.1 m) Stream Ht. 38-58" (97-147 cm)  P8 24° Brown R. 27-33' (8.2-10.1 m) Stream Ht. 64-99" (163-251 cm) 	 Orange #86	1.07	1.17	1.27	1.36	1.45	1.53	245	261	278	294	308	323	337
		 Purple #94	1.27	1.39	1.50	1.61	1.70	1.80	290	311	329	347	365	380	396
		 Yellow #102	1.50	1.64	1.78	1.90	2.02	2.13	343	366	389	411	431	451	469
		1.25 10FC 1.5 10FC	Within the recommended pressure range of 30 to 50 PSI (2-3.75 BAR), the 1.25 10 FC flow control nozzle is flow regulating within a flow range of no more than 3.5% greater and 8% less than the nominal flow of 1.25 GPM (284 LPH). Within the recommended pressure range of 30 to 50 PSI (2-3.75 BAR), the 1.5 10 FC flow control nozzle is flow regulating within a flow range of no more than 3.5% greater and 8% less than the nominal flow of 1.5 GPM (341 LPH).												
		Dk. Blue #78 for uses with P824 plate only		.97	1.05	1.12	1.19	1.25		217	230	242	254	266	276
		1.0 10FC for use with P8 24 plate only	Within the recommended pressure range of 30 to 50 PSI (2-3.75 BAR), the 1.0 10 FC flow control nozzle is flow regulating within a flow range of no more than 0% greater and 10% less than the nominal flow of 1.0 GPM (227 LPH).												