



MODELS:

AVAILABLE IN PART CIRCLE (SR) & FULL CIRCLE (F) MODELS

Proven Performance with added features:

- Low Pressure Performance
- Light Weight
- Economical

Growers everywhere tell us they consider their Big Gun® to be a long term investment just like the pivot or traveler that the gun goes on. They want the proven dependability, performance, long wear life and repairability known from the Nelson SR series. Now, it becomes even more affordable, and performs better at low pressure to cut energy costs. The NEW! 75 Series Big Gun® offers solutions for irrigating with Quick Coupling Valves, Permanent Set or Travelers:

- | | |
|-------------------|-----------------------|
| • Vegetable Crops | • Cemeteries |
| • Pastures | • Parks |
| • Horse Arenas | • Effluent Irrigation |
| • Athletic Fields | |

APPLICATIONS:

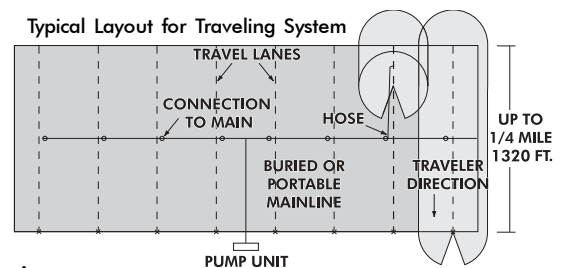
1. PORTABLE MOVE. Make portable irrigation quicker and faster than ever before with the 75 Series Big Gun® and the Nelson 2" Quick Coupling Valve.

- Quick and easy to attach and detach.
- Unique hydraulic assist to "power" the valve on and off.
- Provides a rigid connection for the Big Gun®.



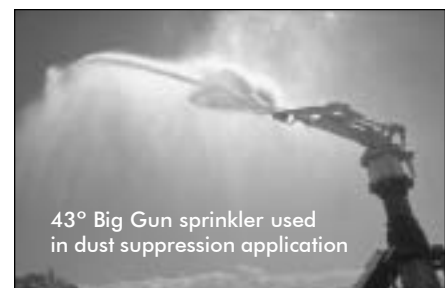
2. TRAVELER or PIVOT. Operate at lower pressure on travelers and pivots with the SR75 Big Gun®.

- Operate down to 25 PSI.
- Flow range from 30-160 GPM.
- Connection options – 1 1/2" FNPT or FBSP, 2" FNPT or FBSP, ANSI/DIN Flange.



3. PERMANENT SET. Irrigate in permanent set applications economically and effectively.

- Multiple trajectories available, including 43° trajectory for dust suppression applications.
- Precision arc control that does not creep over time.
- No adjustments needed.




U.S. UNITS — 75 TAPER RING NOZZLE TR75 — 24° TRAJECTORY

TR75 Taper Rings are ordered individually.
Specify size when ordering

	0.4"		0.45"		0.5"		0.55"		0.6"		0.65"		0.7"		0.75"		0.8"	
PSI	GPM	DIA.FT.	GPM	DIA.FT.	GPM	DIA.FT.	GPM	DIA.FT.	GPM	DIA.FT.	GPM	DIA.FT.	GPM	DIA.FT.	GPM	DIA.FT.	GPM	DIA.FT.
25							42	146	50	155	59	161	69	167	80	174	91	182
30					37	158	45	158	55	165	64	172	75	182	87	187	99	192
35			32	154	40	164	49	172	59	178	69	191	81	196	93	202	106	208
40	27	149	35	160	43	171	52	180	63	190	74	198	87	204	98	213	112	221
45	29	155	37	167	46	180	56	189	67	198	79	206	91	214	104	223	118	230
50	30	161	39	174	48	186	59	195	70	203	83	212	95	220	109	230	123	237
55	32	165	41	179	50	193	62	203	74	213	87	221	100	230	115	239	130	247
60	33	169	42	184	53	198	64	208	77	220	91	228	104	237	120	245	136	254
65	35	172	44	189	55	205	67	216	80	227	95	237	109	247	125	254	142	263
70	36	175	45	194	57	210	69	221	83	232	98	243	113	254	129	260	147	270
75	37	179	47	201	59	217	72	228	86	239	101	250	117	261	134	268	153	277
80	39	182	49	207	61	222	74	234	89	244	105	256	121	266	138	274	158	283

Diameter (DIA) in feet and flowrate (GPM) are based on CIT (Center for Irrigation Technology) testing and some comparisons (dated 10/9/02). For 43° performance consult factory. In general, throw distance is reduced ~ 3% with each 3' drop in trajectory.


 Pressure/nozzle combinations OUTSIDE of the shaded-in areas produce a more desirable stream.

METRIC UNITS — 75 TAPER RING NOZZLE TR75 — 24° TRAJECTORY

TR75 Taper Rings are ordered individually.
Specify size when ordering

	10,2mm			11,4mm			12,7mm			14,0mm			15,2mm			16,5mm			17,8mm			19,1mm			20,3mm				
kg/cm²	L/S	M³/H	M	L/S	M³/H	M	L/S	M³/H	M	L/S	M³/H	M	L/S	M³/H	M	L/S	M³/H	M	L/S	M³/H	M	L/S	M³/H	M	L/S	M³/H	M		
1.75							2.64	9.5	44	3.17	11.4	48	3.72	13.4	49	4.30	15.5	51	4.91	17.7	54	5.59	20.1	56					
2.00							2.33	8.4	48	2.82	10.2	48	3.39	12.2	51	3.98	14.3	52	4.59	16.5	56	5.25	18.9	58	5.97	21.5	59		
2.50				2.11	7.6	47	2.61	9.4	50	3.16	11.4	53	3.79	13.6	55	4.45	16.0	58	5.14	18.5	60	5.87	21.1	62	6.68	24.0	64		
3.00	1.83	6.6	47	2.32	8.3	50	2.86	10.3	53	3.46	12.4	57	4.15	14.9	59	4.88	17.6	61	5.63	20.3	63	6.43	23.1	66	7.32	26.3	69		
3.50	1.98	7.1	49	2.50	9.0	52	3.09	11.1	57	3.74	13.4	60	4.48	16.1	62	5.27	19.0	64	6.08	21.9	67	6.95	25.0	70	7.90	28.4	73		
4.00	2.11	7.6	50	2.67	9.6	54	3.30	11.9	59	3.99	14.4	62	4.79	17.2	65	5.63	20.3	67	6.50	23.4	71	7.43	26.7	73	8.45	30.4	76		
4.50	2.24	8.1	52	2.84	10.2	57	3.50	12.6	62	4.24	15.2	66	5.08	18.3	68	5.97	21.5	71	6.89	24.8	75	7.88	28.4	78	8.96	32.3	80		
5.00	2.36	8.5	53	2.99	10.8	60	3.69	13.3	64	4.46	16.1	68	5.35	19.3	70	6.30	22.7	74	7.26	26.1	78	8.30	29.9	80	9.45	34.0	84		
5.50	2.48	8.9	55	3.13	11.3	62	3.87	13.9	66	4.68	16.9	70	5.61	20.2	73	6.60	23.8	77	7.62	27.4	81	8.71	31.3	83	9.9	35.7	86		
6.00	2.59	9.3	56	3.27	11.8	63	4.04	14.6	68	4.89	17.6	72	5.86	21.1	74	6.90	24.8	79	7.96	28.6	84	9.09	32.7	85	10.3	37.2	87		

Diameter (M) in meters and flowrate (L/S = liter/sec; M³/H = cubic meter per hour) are based on CIT (Center for Irrigation Technology) testing and some comparisons (dated 10/9/02). For 43° performance consult factory. In general, throw distance is reduced ~ 3% with each 3' drop in trajectory.

 Pressure/nozzle combinations OUTSIDE of the shaded-in areas produce a more desirable stream.

WARRANTY AND DISCLAIMER: Nelson Big Gun® Sprinklers 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. 3,744,720, 3,559,887 and other U.S. Patents pending or corresponding issued or pending foreign patents.