








# Adjustable Arc Nozzles

## Nozzle Performance Charts

Adjustable Arc Nozzle Performance Data																						
Arc	Pressure PSI	8 Foot Radius Adjust from 25 - 360° Trajectory: 0° Color Code: Brown					10 Foot Radius Adjust from 25 - 360° Trajectory: 28° Color Code: Red				12 Foot Radius Adjust from 25 - 360° Trajectory: 28° Color Code: Green				15 Foot Radius Adjust from 25 - 360° Trajectory: 28° Color Code: Black				17 Foot Radius Adjust from 25 - 360° Trajectory: 28° Color Code: Gray			
		Radius ft.	Flow GPM	Precip in/hr	Flow GPM	Precip in/hr	Radius ft.	Flow GPM	Precip in/hr	Flow GPM	Precip in/hr	Radius ft.	Flow GPM	Precip in/hr	Flow GPM	Precip in/hr	Radius ft.	Flow GPM	Precip in/hr			
	20	7'	0.17	2.67	3.08	9'	0.17	1.62	1.87	11'	0.25	1.59	1.84	14'	0.39	1.51	1.75	16'	0.49	1.46	1.68	
	25	8'	0.20	2.35	2.71	10'	0.20	1.50	1.73	12'	0.28	1.47	1.70	15'	0.43	1.47	1.70	17'	0.57	1.51	1.74	
	30	8'	<b>0.25</b>	<b>2.95</b>	<b>3.40</b>	10'	<b>0.25</b>	<b>1.89</b>	<b>2.18</b>	12'	<b>0.32</b>	<b>1.68</b>	<b>1.95</b>	15'	<b>0.47</b>	<b>1.59</b>	<b>1.84</b>	17'	<b>0.60</b>	<b>1.60</b>	<b>1.85</b>	
	35	9'	0.26	2.42	2.80	11'	0.26	1.62	1.87	13'	0.37	1.66	1.92	16'	0.52	1.55	1.79	18'	0.63	1.49	1.72	
	20	7'	0.34	2.67	3.08	9'	0.34	1.62	1.87	11'	0.50	1.59	1.84	14'	0.77	1.51	1.75	16'	0.97	1.46	1.68	
	25	8'	0.39	2.35	2.71	10'	0.39	1.50	1.73	12'	0.55	1.47	1.70	15'	0.86	1.47	1.70	17'	1.13	1.51	1.74	
	30	8'	<b>0.49</b>	<b>2.95</b>	<b>3.40</b>	10'	<b>0.49</b>	<b>1.89</b>	<b>2.18</b>	12'	<b>0.63</b>	<b>1.68</b>	<b>1.95</b>	15'	<b>0.93</b>	<b>1.59</b>	<b>1.84</b>	17'	<b>1.20</b>	<b>1.60</b>	<b>1.85</b>	
	35	9'	0.51	2.42	2.80	11'	0.51	1.62	1.87	13'	0.73	1.66	1.92	16'	1.03	1.55	1.79	18'	1.25	1.49	1.72	
	20	7'	0.45	2.67	3.08	9'	0.45	1.62	1.87	11'	0.67	1.59	1.84	14'	1.03	1.51	1.75	16'	1.29	1.46	1.68	
	25	8'	0.52	2.35	2.71	10'	0.52	1.50	1.73	12'	0.73	1.47	1.70	15'	1.15	1.47	1.70	17'	1.51	1.51	1.74	
	30	8'	<b>0.65</b>	<b>2.95</b>	<b>3.40</b>	10'	<b>0.65</b>	<b>1.89</b>	<b>2.18</b>	12'	<b>0.84</b>	<b>1.68</b>	<b>1.95</b>	15'	<b>1.24</b>	<b>1.59</b>	<b>1.84</b>	17'	<b>1.60</b>	<b>1.60</b>	<b>1.85</b>	
	35	9'	0.68	2.42	2.80	11'	0.68	1.62	1.87	13'	0.97	1.66	1.92	16'	1.37	1.55	1.79	18'	1.67	1.49	1.72	
	20	7'	0.68	2.67	3.08	9'	0.68	1.62	1.87	11'	1.00	1.59	1.84	14'	1.54	1.51	1.75	16'	1.94	1.46	1.68	
	25	8'	0.78	2.35	2.71	10'	0.78	1.50	1.73	12'	1.10	1.47	1.70	15'	1.72	1.47	1.70	17'	2.26	1.51	1.74	
	30	8'	<b>0.98</b>	<b>2.95</b>	<b>3.40</b>	10'	<b>0.98</b>	<b>1.89</b>	<b>2.18</b>	12'	<b>1.26</b>	<b>1.68</b>	<b>1.95</b>	15'	<b>1.86</b>	<b>1.59</b>	<b>1.84</b>	17'	<b>2.40</b>	<b>1.60</b>	<b>1.85</b>	
	35	9'	1.02	2.42	2.80	11'	1.02	1.62	1.87	13'	1.46	1.66	1.92	16'	2.06	1.55	1.79	18'	2.50	1.49	1.72	
	20	7'	0.91	2.67	3.08	9'	0.91	1.62	1.87	11'	1.33	1.59	1.84	14'	2.05	1.51	1.75	16'	2.59	1.46	1.68	
	25	8'	1.04	2.35	2.71	10'	1.04	1.50	1.73	12'	1.47	1.47	1.70	15'	2.29	1.47	1.70	17'	3.01	1.51	1.74	
	30	8'	<b>1.31</b>	<b>2.95</b>	<b>3.40</b>	10'	<b>1.31</b>	<b>1.89</b>	<b>2.18</b>	12'	<b>1.68</b>	<b>1.68</b>	<b>1.95</b>	15'	<b>2.48</b>	<b>1.59</b>	<b>1.84</b>	17'	<b>3.20</b>	<b>1.60</b>	<b>1.85</b>	
	35	9'	1.36	2.42	2.80	11'	1.36	1.62	1.87	13'	1.95	1.66	1.92	16'	2.75	1.55	1.79	18'	3.33	1.49	1.72	
	20	7'	1.02	2.67	3.08	9'	1.02	1.62	1.87	11'	1.50	1.59	1.84	14'	2.31	1.51	1.75	16'	2.91	1.46	1.68	
	25	8'	1.17	2.35	2.71	10'	1.17	1.50	1.73	12'	1.65	1.47	1.70	15'	2.58	1.47	1.70	17'	3.39	1.51	1.74	
	30	8'	<b>1.47</b>	<b>2.95</b>	<b>3.40</b>	10'	<b>1.47</b>	<b>1.89</b>	<b>2.18</b>	12'	<b>1.89</b>	<b>1.68</b>	<b>1.95</b>	15'	<b>2.79</b>	<b>1.59</b>	<b>1.84</b>	17'	<b>3.60</b>	<b>1.60</b>	<b>1.85</b>	
	35	9'	1.53	2.42	2.80	11'	1.53	1.62	1.87	13'	2.19	1.66	1.92	16'	3.09	1.55	1.79	18'	3.75	1.49	1.72	
	20	7'	1.36	2.67	3.08	9'	1.36	1.62	1.87	11'	2.00	1.59	1.84	14'	3.08	1.51	1.75	16'	3.88	1.46	1.68	
	25	8'	1.56	2.35	2.71	10'	1.56	1.50	1.73	12'	2.20	1.47	1.70	15'	3.44	1.47	1.70	17'	4.52	1.51	1.74	
	30	8'	<b>1.96</b>	<b>2.95</b>	<b>3.40</b>	10'	<b>1.96</b>	<b>1.89</b>	<b>2.18</b>	12'	<b>2.52</b>	<b>1.68</b>	<b>1.95</b>	15'	<b>3.72</b>	<b>1.59</b>	<b>1.84</b>	17'	<b>4.80</b>	<b>1.60</b>	<b>1.85</b>	
	35	9'	2.04	2.42	2.80	11'	2.04	1.62	1.87	13'	2.92	1.66	1.92	16'	4.12	1.55	1.79	18'	5.00	1.49	1.72	
	40	10'	2.92	2.81	3.25	12'	2.92	1.95	2.25	14'	3.36	1.65	1.91	17'	4.52	1.51	1.74	19'	5.52	1.47	1.70	

