

Pro Adjustable Nozzles



Adjustable Arc Nozzles Performance Data – Metric

Arc	2.4 m Radius Adjustable from 0° to 360° Trajectory: 0° Color Code: Brown ●						3.0 m Radius Adjustable from 0° to 360° Trajectory: 15° Color Code: Red ●						3.7 m Radius Adjustable from 0° to 360° Trajectory: 28° Color Code: Green ●						4.6 m Radius Adjustable from 0° to 360° Trajectory: 28° Color Code: Black ●						5.2 m Radius Adjustable from 0° to 360° Trajectory: 28° Color Code: Gray ●					
	Pressure Bars kPa	Radius m	Flow m ³ /hr l/min		Precip mm/hr ▲		Nozzle 8A	Radius m	Flow m ³ /hr l/min		Precip mm/hr ▲		Nozzle 10A	Radius m	Flow m ³ /hr l/min		Precip mm/hr ▲		Nozzle 12A	Radius m	Flow m ³ /hr l/min		Precip mm/hr ▲		Nozzle 15A	Radius m	Flow m ³ /hr l/min		Precip mm/hr ▲	
45°	1.0	100	1.7	0.02	0.37	62	72	2.1	0.04	0.63	68	79	2.7	0.05	0.81	53	61	3.4	0.07	1.19	50	57	4.7	0.09	1.54	33	39			
	1.5	150	2.1	0.03	0.47	51	59	2.4	0.05	0.79	66	76	3.2	0.06	1.01	47	55	3.9	0.09	1.49	47	54	4.9	0.12	1.93	38	44			
	2.0	200	2.4	0.03	0.55	46	53	2.9	0.06	0.92	53	61	3.6	0.07	1.18	44	51	4.5	0.10	1.75	41	48	5.1	0.14	2.26	42	46			
	2.1	210	2.7	0.03	0.56	37	43	3.0	0.06	0.95	50	58	3.7	0.07	1.22	43	49	4.6	0.11	1.80	41	47	5.2	0.14	2.32	41	42			
2.5	250	2.8	0.04	0.62	38	44	3.5	0.06	1.04	41	47	4.2	0.08	1.34	36	42	5.2	0.12	1.98	35	40	5.7	0.15	2.55	38	43				
90°	1.0	100	1.7	0.04	0.75	62	72	2.1	0.08	1.26	68	79	2.7	0.10	1.62	53	61	3.4	0.14	2.39	50	57	4.7	0.18	3.08	33	39			
	1.5	150	2.1	0.06	0.93	51	59	2.4	0.09	1.57	66	76	3.2	0.12	2.02	47	55	3.9	0.18	2.89	47	54	4.9	0.23	3.85	38	44			
	2.0	200	2.4	0.07	1.09	46	53	2.9	0.11	1.84	53	61	3.6	0.14	2.37	44	51	4.5	0.21	3.50	41	48	5.1	0.27	4.51	42	46			
	2.1	210	2.7	0.07	1.12	37	43	3.0	0.11	1.89	50	58	3.7	0.15	2.43	43	49	4.6	0.22	3.59	41	47	5.2	0.28	4.63	41	42			
2.5	250	2.8	0.07	1.24	38	44	3.5	0.12	2.08	41	47	4.2	0.16	3.68	36	42	5.2	0.24	3.95	35	40	5.7	0.31	5.10	38	43				
120°	1.0	100	1.7	0.06	1.00	62	72	2.1	0.10	1.68	68	79	2.7	0.13	2.16	53	61	3.4	0.19	3.18	50	57	4.7	0.25	4.11	33	39			
	1.5	150	2.1	0.07	1.24	51	59	2.4	0.13	2.10	66	76	3.2	0.16	2.70	47	55	3.9	0.24	3.98	47	54	4.9	0.31	5.13	38	44			
	2.0	200	2.4	0.09	1.46	46	53	2.9	0.15	2.46	53	61	3.6	0.19	3.16	44	51	4.5	0.28	4.66	41	48	5.1	0.36	6.01	42	46			
	2.1	210	2.7	0.09	1.50	37	43	3.0	0.15	2.52	50	58	3.7	0.19	3.24	43	49	4.6	0.29	4.79	41	47	5.2	0.37	6.18	41	42			
2.5	250	2.8	0.10	1.65	38	44	3.5	0.17	2.78	41	47	4.2	0.21	3.57	36	42	5.2	0.32	5.27	35	40	5.7	0.41	6.80	38	43				
180°	1.0	100	1.7	0.09	1.49	62	72	2.1	0.15	2.52	68	79	2.7	0.19	3.23	53	61	3.4	0.29	4.77	50	57	4.7	0.37	6.16	33	39			
	1.5	150	2.1	0.11	1.87	51	59	2.4	0.19	3.14	66	76	3.2	0.24	4.04	47	55	3.9	0.36	5.97	47	54	4.9	0.46	7.70	38	44			
	2.0	200	2.4	0.13	2.19	46	53	2.9	0.22	3.68	53	61	3.6	0.28	4.74	44	51	4.5	0.42	6.99	41	48	5.1	0.54	9.02	42	46			
	2.1	210	2.7	0.13	2.25	37	43	3.0	0.23	3.78	50	58	3.7	0.29	4.86	43	49	4.6	0.43	7.18	41	47	5.2	0.56	9.27	41	42			
2.5	250	2.8	0.15	2.47	38	44	3.5	0.25	4.16	41	47	4.2	0.32	5.35	36	42	5.2	0.47	7.90	35	40	5.7	0.61	10.20	38	43				
240°	1.0	100	1.7	0.12	1.99	62	72	2.1	0.20	3.35	68	79	2.7	0.26	4.31	53	61	3.4	0.38	6.37	50	57	4.7	0.49	8.21	33	39			
	1.5	150	2.1	0.15	2.49	51	59	2.4	0.25	4.19	66	76	3.2	0.32	5.39	47	55	3.9	0.48	7.96	47	54	4.9	0.62	10.27	38	44			
	2.0	200	2.4	0.17	2.92	46	53	2.9	0.29	4.91	53	61	3.6	0.38	6.31	44	51	4.5	0.56	9.32	41	48	5.1	0.72	12.03	42	46			
	2.1	210	2.7	0.18	2.99	37	43	3.0	0.30	5.04	50	58	3.7	0.39	6.49	43	49	4.6	0.57	9.57	41	47	5.2	0.74	12.35	41	42			
2.5	250	2.8	0.20	3.30	38	44	3.5	0.33	5.55	41	47	4.2	0.43	7.14	36	42	5.2	0.63	10.54	35	40	5.7	0.82	13.60	38	43				
270°	1.0	100	1.7	0.13	2.24	62	72	2.1	0.23	3.77	68	79	2.7	0.29	4.85	53	61	3.4	0.43	7.16	50	57	4.7	0.55	9.24	33	39			
	1.5	150	2.1	0.17	2.80	51	59	2.4	0.28	4.72	66	76	3.2	0.36	6.06	47	55	3.9	0.54	8.95	47	54	4.9	0.69	11.55	38	44			
	2.0	200	2.4	0.20	3.28	46	53	2.9	0.33	5.52	53	61	3.6	0.43	7.10	44	51	4.5	0.63	10.49	41	48	5.1	0.81	13.53	42	46			
	2.1	210	2.7	0.20	3.37	37	43	3.0	0.34	5.68	50	58	3.7	0.44	7.30	43	49	4.6	0.65	10.77	41	47	5.2	0.83	13.90	41	42			
2.5	250	2.8	0.22	3.71	38	44	3.5	0.37	6.25	41	47	4.2	0.48	8.03	36	42	5.2	0.71	11.86	35	40	5.7	0.92	15.30	38	43				
360°	1.0	100	1.7	0.18	2.99	62	72	2.1	0.30	5.03	68	79	2.7	0.39	6.47	53	61	3.4	0.57	9.55	50	57	4.7	0.74	12.32	33	39			
	1.5	150	2.1	0.22	3.73	51	59	2.4	0.38	6.29	66	76	3.2	0.49	8.09	47	55	3.9	0.72	11.94	47	54	4.9	0.92	15.40	38	44			
	2.0	200	2.4	0.26	4.37	46	53	2.9	0.44	7.37	53	61	3.6	0.57	9.47	44	51	4.5	0.84	13.98	41	48	5.1	1.08	18.04	42	46			
	2.1	210	2.7	0.27	4.49	37	43	3.0	0.45	7.57	50	58	3.7	0.58	9.73	43	49	4.6	0.86	14.36	41	47	5.2	1.11	18.53	41	42			
2.5	250	2.8	0.30	4.94	38	44	3.5	0.50	8.33	41	47	4.2	0.64	10.71	36	42	5.2	0.95	15.81	35	40	5.7	1.22	20.40	38	43				

Note: The Institutional Spray's built-in pressure regulation controls output to a maximum of 2.1 Bars (210 kPa).