

PRO ADJUSTABLE NOZZLES CHART

Pro Adjustable Nozzles Performance Data – Metric

		1.2 m Radius Adjustable from 0° to 360° Trajectory: 0° Color Code: Lt. Green					1.8 m Radius Adjustable from 0° to 360° Trajectory: 0° Color Code: Lt. Blue						
		Nozzle		Nozzle		Nozzle		Nozzle		Nozzle			
		4A		6A		4A		6A		6A			
Arc	Pressure Bar kPa	Radius m	Flow m³/hr l/min	Precip mm/hr	Precip mm/hr	Radius m	Flow m³/hr l/min	Precip mm/hr	Precip mm/hr	Radius m	Flow m³/hr l/min	Precip mm/hr	Precip mm/hr
45°	1.0 100	0.9	0.02 0.27	162	187	1.5	0.02 0.37	79	91	1.5	0.02 0.37	79	91
	1.5 150	0.9	0.02 0.34	202	234	1.5	0.03 0.46	98	113	1.5	0.03 0.46	98	113
	2.0 200	1.2	0.02 0.40	133	154	1.8	0.03 0.54	80	92	1.8	0.03 0.54	80	92
	2.1 210	1.2	0.02 0.41	137	158	1.8	0.03 0.55	82	95	1.8	0.03 0.55	82	95
	2.5 250	1.2	0.03 0.45	151	174	1.8	0.04 0.61	90	104	1.8	0.04 0.61	90	104
90°	1.0 100	0.9	0.03 0.55	162	187	1.5	0.04 0.74	79	91	1.5	0.04 0.74	79	91
	1.5 150	0.9	0.04 0.68	202	234	1.5	0.06 0.92	98	113	1.5	0.06 0.92	98	113
	2.0 200	1.2	0.05 0.80	133	154	1.8	0.06 1.08	80	92	1.8	0.06 1.08	80	92
	2.1 210	1.2	0.05 0.82	137	158	1.8	0.07 1.11	82	95	1.8	0.07 1.12	82	95
	2.5 250	1.2	0.05 0.90	151	174	1.8	0.07 1.22	90	104	1.8	0.07 1.22	90	104
120°	1.0 100	0.9	0.04 0.73	162	187	1.5	0.06 0.98	79	91	1.5	0.06 0.98	79	91
	1.5 150	0.9	0.05 0.91	202	234	1.5	0.07 1.23	98	113	1.5	0.07 1.23	98	113
	2.0 200	1.2	0.06 1.07	133	154	1.8	0.09 1.44	80	92	1.8	0.09 1.44	80	92
	2.1 210	1.2	0.07 1.10	137	158	1.8	0.09 1.48	82	95	1.8	0.09 1.48	82	95
	2.5 250	1.2	0.07 1.21	151	174	1.8	0.10 1.62	90	104	1.8	0.10 1.62	90	104
180°	1.0 100	0.9	0.07 1.09	162	187	1.5	0.09 1.47	79	91	1.5	0.09 1.47	79	91
	1.5 150	0.9	0.08 1.37	202	234	1.5	0.11 1.84	98	113	1.5	0.11 1.84	98	113
	2.0 200	1.2	0.10 1.60	133	154	1.8	0.13 2.16	80	92	1.8	0.13 2.16	80	92
	2.1 210	1.2	0.10 1.64	137	158	1.8	0.13 2.21	82	95	1.8	0.13 2.21	82	95
	2.5 250	1.2	0.11 1.81	151	174	1.8	0.15 2.44	90	104	1.8	0.15 2.44	90	104
240°	1.0 100	0.9	0.09 1.46	162	187	1.5	0.12 1.96	79	91	1.5	0.12 1.96	79	91
	1.5 150	0.9	0.11 1.82	202	234	1.5	0.15 2.45	98	113	1.5	0.15 2.45	98	113
	2.0 200	1.2	0.13 2.13	133	154	1.8	0.17 2.87	80	92	1.8	0.17 2.87	80	92
	2.1 210	1.2	0.13 2.19	137	158	1.8	0.18 2.95	82	95	1.8	0.18 2.95	82	95
	2.5 250	1.2	0.14 2.41	151	174	1.8	0.19 3.25	90	104	1.8	0.19 3.25	90	104
270°	1.0 100	0.9	0.10 1.64	162	187	1.5	0.13 2.21	123	91	1.5	0.13 2.21	123	91
	1.5 150	0.9	0.12 2.05	202	234	1.5	0.17 2.76	98	113	1.5	0.17 2.76	98	113
	2.0 200	1.2	0.14 2.40	133	154	1.8	0.19 3.23	80	92	1.8	0.19 3.23	80	92
	2.1 210	1.2	0.15 2.47	137	158	1.8	0.20 3.32	82	95	1.8	0.20 3.32	82	95
	2.5 250	1.2	0.16 2.71	151	174	1.8	0.22 3.68	90	104	1.8	0.22 3.68	90	104
360°	1.0 100	0.9	0.13 2.19	162	187	1.5	0.18 2.94	123	91	1.5	0.18 2.94	123	91
	1.5 150	0.9	0.16 2.73	202	234	1.5	0.22 3.68	98	113	1.5	0.22 3.68	98	113
	2.0 200	1.2	0.19 3.20	133	154	1.8	0.26 4.31	80	92	1.8	0.26 4.31	80	92
	2.1 210	1.2	0.20 3.29	137	158	1.8	0.27 4.43	82	95	1.8	0.27 4.43	82	95
	2.5 250	1.2	0.22 3.62	151	174	1.8	0.29 4.87	90	104	1.8	0.29 4.87	90	104

Pro Adjustable Nozzles Performance Data – Metric

		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						
		Nozzle		Nozzle		Nozzle		Nozzle		Nozzle			
		8A		8A		10A		10A		10A			
Arc	Pressure Bar kPa	Radius m	Flow m³/hr l/min	Precip mm/hr	Precip mm/hr	Radius m	Flow m³/hr l/min	Precip mm/hr	Precip mm/hr	Radius m	Flow m³/hr l/min	Precip mm/hr	Precip mm/hr
45°	1.0 100	1.7	0.02 0.37	62	72	2.1	0.04 0.63	68	79	2.1	0.04 0.63	68	79
	1.5 150	2.1	0.03 0.47	51	59	2.4	0.05 0.79	66	76	2.4	0.05 0.79	66	76
	2.0 200	2.4	0.03 0.55	46	53	3.0	0.06 0.92	49	57	3.0	0.06 0.92	49	57
	2.1 210	2.7	0.03 0.56	37	43	3.3	0.06 0.95	42	48	3.3	0.06 0.95	42	48
	2.5 250	2.8	0.04 0.62	38	44	3.5	0.06 1.04	41	47	3.5	0.06 1.04	41	47
90°	1.0 100	1.7	0.04 0.75	62	72	2.1	0.08 1.26	68	79	2.1	0.08 1.26	68	79
	1.5 150	2.1	0.06 0.93	51	59	2.4	0.09 1.57	66	76	2.4	0.09 1.57	66	76
	2.0 200	2.4	0.07 1.09	46	53	3.0	0.11 1.84	49	57	3.0	0.11 1.84	49	57
	2.1 210	2.7	0.07 1.12	37	43	3.3	0.11 1.89	42	48	3.3	0.11 1.89	42	48
	2.5 250	2.8	0.07 1.24	38	44	3.5	0.12 2.08	41	47	3.5	0.12 2.08	41	47
120°	1.0 100	1.7	0.06 1.00	62	72	2.1	0.10 1.68	68	79	2.1	0.10 1.68	68	79
	1.5 150	2.1	0.07 1.24	51	59	2.4	0.13 2.10	66	76	2.4	0.13 2.10	66	76
	2.0 200	2.4	0.09 1.46	46	53	3.0	0.15 2.46	49	57	3.0	0.15 2.46	49	57
	2.1 210	2.7	0.09 1.50	37	43	3.3	0.15 2.52	42	48	3.3	0.15 2.52	42	48
	2.5 250	2.8	0.10 1.65	38	44	3.5	0.17 2.78	41	47	3.5	0.17 2.78	41	47
180°	1.0 100	1.7	0.09 1.49	62	72	2.1	0.15 2.52	68	79	2.1	0.15 2.52	68	79
	1.5 150	2.1	0.11 1.87	51	59	2.4	0.19 3.14	66	76	2.4	0.19 3.14	66	76
	2.0 200	2.4	0.13 2.19	46	53	3.0	0.22 3.68	49	57	3.0	0.22 3.68	49	57
	2.1 210	2.7	0.13 2.25	37	43	3.3	0.23 3.78	42	48	3.3	0.23 3.78	42	48
	2.5 250	2.8	0.15 2.47	38	44	3.5	0.25 4.16	41	47	3.5	0.25 4.16	41	47
240°	1.0 100	1.7	0.12 1.99	62	72	2.1	0.20 3.35	68	79	2.1	0.20 3.35	68	79
	1.5 150	2.1	0.15 2.49	51	59	2.4	0.25 4.19	66	76	2.4	0.25 4.19	66	76
	2.0 200	2.4	0.17 2.92	46	53	3.0	0.29 4.91	49	57	3.0	0.29 4.91	49	57
	2.1 210	2.7	0.18 2.99	37	43	3.3	0.30 5.04	42	48	3.3	0.30 5.04	42	48
	2.5 250	2.8	0.20 3.30	38	44	3.5	0.33 5.55	41	47	3.5	0.33 5.55	41	47
270°	1.0 100	1.7	0.13 2.24	62	72	2.1	0.23 3.77	68	79	2.1	0.23 3.77	68	79
	1.5 150	2.1	0.17 2.80	51	59	2.4	0.28 4.72	66	76	2.4	0.28 4.72	66	76
	2.0 200	2.4	0.20 3.28	46	53	3.0	0.33 5.52	49	57	3.0	0.33 5.52	49	57
	2.1 210	2.7	0.20 3.37	37	43	3.3	0.34 5.68	42	48	3.3	0.34 5.68	42	48
	2.5 250	2.8	0.22 3.71	38	44	3.5	0.37 6.25	41	47	3.5	0.37 6.25	41	47
360°	1.0 100	1.7	0.18 2.99	62	72	2.1	0.30 5.03	68	79	2.1	0.30 5.03	68	79
	1.5 150	2.1	0.22 3.71	51	59	2.4	0.38 6.29	66	76	2.4	0.38 6.29	66	76
	2.0 200	2.4	0.26 4.37	46	53	3.0	0.44 7.37	49	57	3.0	0.44 7.37	49	57
	2.1 210	2.7	0.27 4.49	37	43	3.3	0.45 7.57	42	48	3.3	0.45 7.57	42	48
	2.5 250	2.8	0.30 4.94	38	44	3.5	0.50 8.33	41	47	3.5	0.50 8.33	41	47

Note: The Pro-Spray PRS30's built-in pressure regulator controls output to a maximum of 2.1 bar (210 kPa). Optimum nozzle performance shown in bold.

Pro Adjustable Nozzles Performance Data – Metric

		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					
		Nozzle		Nozzle		Nozzle		Nozzle		Nozzle		Nozzle		Nozzle		Nozzle	
		12A															