

PRO-SPRAY™ FIXED ARC NOZZLES

Pro-Spray Fixed Arc Nozzles are designed for high accuracy within a variety of landscape shapes and sizes.

KEY BENEFITS

- Clean edges for a defined pattern with better wind resistance
- Large water droplets minimise misting with better uniformity
- Sturdy construction ensures reliable performance
- Colour-coded for easy field identification

OPERATING SPECIFICATIONS

- Recommended operating pressure: 2.1 bar; 210 kPa
- Pair with Pro-Spray PRS30 pop-up for pressure regulation to 2.1 bar; 210 kPa
- Warranty period: 2 years

PRO-SPRAY FIXED ARC NOZZLES						
ARC	5	8	10	12	15	17
Q						
T	Use 4A/6A Nozzle					Use 17A Nozzle
H						
TT	Use 4A/6A Nozzle	Use 8A Nozzle	Use 10A Nozzle			Use 17A Nozzle
TQ	Use 4A/6A Nozzle	Use 8A Nozzle	Use 10A Nozzle			Use 17A Nozzle
F						Use 17A Nozzle
	(1.5 m)	(2.4 m)	(3.0 m)	(3.7 m)	(4.6 m)	(5.2 m)

PRO-SPRAY FIXED ARC NOZZLES PERFORMANCE DATA



5 1.5 m radius
Fixed: ¼, ½, Full
● Blue Trajectory: 0°

8 2.4 m radius
Fixed: ¼, ½, Full
● Brown Trajectory: 15°

10 3.0 m radius
Fixed: ¼, ½, Full
● Red Trajectory: 15°

Arc	Position	Pressure		Radius m	Flow		Precip mm/hr		Radius m	Flow		Precip mm/hr		Radius m	Flow		Precip mm/hr																																	
		bar	kPa		m ³ /hr	l/min	■	▲		m ³ /hr	l/min	■	▲		m ³ /hr	l/min	■	▲																																
90° 	Q	1.0	100	1.1	0.02	0.30	60	69	1.8	0.04	0.62	46	53	2.4	0.07	1.08	45	52																																
		1.5	150		1.3	0.02	0.38	54		62	2.1	0.05	0.84		46	53	2.7	0.08	1.33	44	51																													
		2.1	210		1.5	0.03	0.46	49		57	2.4	0.05	0.91		38	44	3.0	0.09	1.57	42	48																													
		2.5	250		1.7	0.03	0.51	42		49	2.7	0.06	0.98		32	37	3.3	0.10	1.71	38	44																													
		3.0	300		1.8	0.03	0.53	39		45	2.7	0.06	1.10		36	42	3.4	0.11	1.85	38	44																													
120° 	T	1.0	100						1.8	0.05	0.83	46	53	2.4	0.09	1.44	45	52																																
		1.5	150						2.1	0.07	1.10	45	52	2.7	0.11	1.77	44	50																																
		2.1	210						Use 4A or 6A Nozzle						2.4	0.07	1.21	38	44	3.0	0.13	2.09	42	48																										
		2.5	250						2.7	0.08	1.32	33	38	3.3	0.14	2.31	38	44																																
		3.0	300						2.7	0.09	1.44	36	41	3.4	0.15	2.50	39	45																																
180° 	H	1.0	100	1.1	0.04	0.60	60	69	1.8	0.08	1.33	49	57	2.4	0.13	2.17	45	52																																
		1.5	150	1.3	0.05	0.76	54	62	2.1	0.10	1.63	44	51	2.7	0.16	2.65	44	50																																
		2.1	210	1.5	0.06	0.87	49	57	2.4	0.11	1.80	38	43	3.0	0.19	3.14	42	48																																
		2.5	250	1.7	0.06	0.95	42	49	2.7	0.12	1.93	32	37	3.3	0.22	3.60	40	46																																
		3.0	300	1.8	0.06	1.04	39	44	2.7	0.13	2.10	35	40	3.4	0.23	3.90	40	47																																
240° 	TT	1.0	100																																															
		1.5	150																																															
		2.1	210																														Use 4A or 6A Nozzle						Use 8A Nozzle						Use 10A Nozzle					
		2.5	250																																															
		3.0	300																																															
270° 	TQ	1.0	100																																															
		1.5	150																																															
		2.1	210																													Use 4A or 6A Nozzle																	Use 8A Nozzle	
		2.5	250																																															
		3.0	300																																															
360° 	F	1.0	100	1.1	0.07	1.20	60	69	1.8	0.16	2.67	49	57	2.4	0.26	4.33	45																														52			
		1.5	150	1.3	0.09	1.52	54	62	2.1	0.20	3.33	45	52	2.7	0.32	5.31	44	50																																
		2.1	210	1.5	0.11	1.85	49	57	2.4	0.22	3.67	38	44	3.0	0.38	6.28	42	48																																
		2.5	250	1.7	0.12	2.04	42	49	2.7	0.24	4.01	33	38	3.3	0.41	6.85	38	44																																
		3.0	300	1.8	0.12	2.10	39	45	2.7	0.26	4.35	36	41	3.4	0.42	6.97	36	42																																

Bold = Recommended pressure

PRO-SPRAY FIXED ARC NOZZLES PERFORMANCE DATA



12 3.7 m radius
Fixed: ¼, ⅓, ½, ⅔, ¾, Full
● Green Trajectory: 28°



15 4.6 m radius
Fixed: ¼, ⅓, ½, ⅔, ¾, Full
● Black Trajectory: 28°



17 5.2 m radius
Fixed: ¼, ½
● Grey Trajectory: 28°

Arc	Position	Pressure		Radius m	Flow		Precip mm/hr		Radius m	Flow		Precip mm/hr		Radius m	Flow		Precip mm/hr	
		bar	kPa		m ³ /hr	l/min	■	▲		m ³ /hr	l/min	■	▲		m ³ /hr	l/min	■	▲
90°	Q	1.0	100	3.0	0.10	1.58	42	49	3.9	0.15	2.50	39	46	4.7	0.19	3.17	34	40
		1.5	150	3.4	0.12	2.00	42	48	4.2	0.18	3.06	42	48	4.9	0.23	3.88	39	45
		2.1	210	3.7	0.15	2.43	43	49	4.6	0.22	3.62	41	47	5.2	0.28	4.59	41	47
		2.5	250	4.0	0.16	2.69	40	47	4.9	0.24	3.95	39	46	5.5	0.30	5.01	40	46
		3.0	300	4.0	0.18	2.95	44	51	5.2	0.26	4.32	38	44	5.8	0.32	5.30	38	44
120°	T	1.0	100	3.0	0.13	2.11	42	49	3.9	0.20	3.33	39	46	Use 17A Nozzle				
		1.5	150	3.4	0.16	2.67	42	48	4.2	0.24	4.08	42	48					
		2.1	210	3.7	0.19	3.25	43	49	4.6	0.29	4.83	41	47					
		2.5	250	4.0	0.22	3.67	41	48	4.9	0.32	5.27	40	46					
		3.0	300	4.0	0.24	3.94	44	51	5.2	0.35	5.75	38	44					
180°	H	1.0	100	3.0	0.19	3.17	42	49	3.9	0.30	5.00	39	46	4.7	0.38	6.33	34	40
		1.5	150	3.4	0.24	4.01	42	48	4.2	0.37	6.12	42	48	4.9	0.47	7.76	39	45
		2.1	210	3.7	0.29	4.87	43	49	4.6	0.43	7.25	41	47	5.2	0.55	9.18	41	47
		2.5	250	4.0	0.32	5.39	40	47	4.9	0.47	7.91	40	46	5.5	0.60	10.01	40	46
		3.0	300	4.0	0.35	5.75	43	50	5.2	0.49	8.18	36	42	5.8	0.64	10.06	38	44
240°	TT	1.0	100	3.0	0.25	4.22	42	49	3.9	0.40	6.67	39	46	Use 17A Nozzle				
		1.5	150	3.4	0.32	5.34	42	48	4.2	0.49	8.16	42	48					
		2.1	210	3.7	0.39	6.49	43	49	4.6	0.58	9.66	41	47					
		2.5	250	4.0	0.43	7.18	40	47	4.9	0.63	10.54	40	46					
		3.0	300	4.0	0.46	7.68	43	50	5.2	0.65	10.90	36	42					
270°	TQ	1.0	100	3.0	0.29	4.75	42	49	3.9	0.45	7.50	39	46	Use 17A Nozzle				
		1.5	150	3.4	0.36	6.01	42	48	4.2	0.55	9.19	42	48					
		2.1	210	3.7	0.44	7.30	43	49	4.6	0.65	10.87	41	47					
		2.5	250	4.0	0.48	8.08	40	47	4.9	0.71	11.86	40	46					
		3.0	300	4.0	0.53	8.82	44	51	5.2	0.78	12.95	38	44					
360°	F	1.0	100	3.0	0.38	6.33	42	49	3.9	0.60	10.00	39	46	Use 17A Nozzle				
		1.5	150	3.4	0.48	8.01	42	48	4.2	0.73	12.25	42	48					
		2.1	210	3.7	0.58	9.74	43	49	4.6	0.87	14.49	41	47					
		2.5	250	4.0	0.65	10.78	40	47	4.9	0.95	15.81	40	46					
		3.0	300	4.0	0.70	11.73	44	51	5.2	0.99	16.50	37	42					

Bold = Recommended pressure