PRO-SPRAY™ FIXED ARC NOZZLES

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

8 ● Brown — 2.4 m radius; Fixed: ¼, ⅓, ½, Full; Trajectory: 0°

10 ● Red — 3.0 m radius; Fixed: ¼, ⅓, ½, Full; Trajectory: 15°

Arc	Position	Pressure		5 Radius	5 Flow		5 Precip mm/hr		8 Radius	8 Flow		8 Precip mm/hr		10 Radius	10 Flow		10 Precip mm/hr	
		bar	kPa	m	m³/hr	l/min	■	▲	m	m³/hr	l/min	■	▲	m	m³/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**					**Use 10A 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 ● Green
3.7 m radius
Fixed: ¼, ⅓, ½, ⅔, ¾, Full
Trajectory: 28°

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

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

Arc	Position	Pressure bar	Pressure kPa	12 Radius m	12 Flow m³/hr	12 Flow l/min	12 Precip mm/hr ■	12 Precip mm/hr ▲	15 Radius m	15 Flow m³/hr	15 Flow l/min	15 Precip mm/hr ■	15 Precip mm/hr ▲	17 Radius m	17 Flow m³/hr	17 Flow l/min	17 Precip mm/hr ■	17 Precip mm/hr ▲
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					
		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**	**Use 17A Nozzle**				
		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					
		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**	**Use 17A Nozzle**				
		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					
		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**	**Use 17A Nozzle**				
		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					
		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**	**Use 17A Nozzle**				
		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