

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, ½, Full
Trajectory: 0°**10**

● Red

3.0 m radius
Fixed: ¼, ½, Full
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		m³/hr	l/min	■	▲		m³/hr	l/min	■	▲		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	Use 4A or 6A Nozzle					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						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	Use 4A or 6A Nozzle					Use 8A Nozzle					Use 10A Nozzle				
		1.5	150															
		2.1	210															
		2.5	250															
		3.0	300															
270° 	TQ	1.0	100	Use 4A or 6A Nozzle					Use 8A Nozzle					Use 10A Nozzle				
		1.5	150															
		2.1	210															
		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, ½, ¾, Full
● Green Trajectory: 28°

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

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

Arc	Position	Pressure		Radius	Flow		Precip mm/hr		Radius	Flow		Precip mm/hr		Radius	Flow		Precip mm/hr	
		bar	kPa		m³/hr	l/min	■	▲		m³/hr	l/min	■	▲		m³/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

SHORT-RADIUS MICRO SPRAY NOZZLES

These highly accurate nozzles are perfect for small spaces and can support a robust micro spray system with Pro-Spray pop-ups.

KEY BENEFITS

- Low flow for controlled irrigation of tight spaces
- Meets micro spray requirement of 114 l/hr max flow at 2.1 bar; 210 kPa
- Built to last for a robust overhead solution for small spaces

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

SHORT-RADIUS NOZZLES PERFORMANCE DATA

● Nozzle Lt. Brown							
Arc	Pressure		Position	Radius	Flow		*Precip
	bar	kPa		m	l/min	l/hr	mm/hr
90° 	1.0	100	2Q	0.6	0.34	20	57
	1.5	150		0.6	0.38	23	63
	2.1	210		0.6	0.42	25	70
	2.5	250		0.6	0.49	29	82
	3.0	300		0.6	0.53	32	88
180° 	1.0	100	2H	0.6	0.53	32	44
	1.5	150		0.6	0.57	34	48
	2.1	210		0.6	0.76	46	63
	2.5	250		0.6	0.77	46	64
	3.0	300		0.6	0.80	48	67

● Nozzle Lt. Green							
Arc	Pressure		Position	Radius	Flow		*Precip
	bar	kPa		m	l/min	l/hr	mm/hr
90° 	1.0	100	4Q	1.2	0.68	41	28
	1.5	150		1.2	0.76	46	32
	2.1	210		1.2	0.76	46	32
	2.5	250		1.2	0.83	50	35
	3.0	300		1.2	0.91	55	38
180° 	1.0	100	4H	1.2	1.25	75	26
	1.5	150		1.2	1.29	77	27
	2.1	210		1.2	1.51	91	31
	2.5	250		1.2	1.52	91	32
	3.0	300		1.2	1.67	100	35

● Nozzle Lt. Blue							
Arc	Pressure		Position	Radius	Flow		*Precip
	bar	kPa		m	l/min	l/hr	mm/hr
90° 	1.0	100	6Q	1.8	0.83	50	15
	1.5	150		1.8	0.91	55	17
	2.1	210		1.8	1.14	68	21
	2.5	250		1.8	1.14	68	21
	3.0	300		1.8	1.14	68	21
180° 	1.0	100	6H	1.8	1.52	91	14
	1.5	150		1.8	1.67	100	15
	2.1	210		1.8	1.90	114	18
	2.5	250		1.8	1.97	118	18
	3.0	300		1.8	2.05	123	19

Bold = Recommended pressure

*Precipitation rate shown without overlap



2Q Nozzle
Radius: 0.6 m



2H Nozzle
Radius: 0.6 m



4Q Nozzle
Radius: 1.2 m



4H Nozzle
Radius: 1.2 m

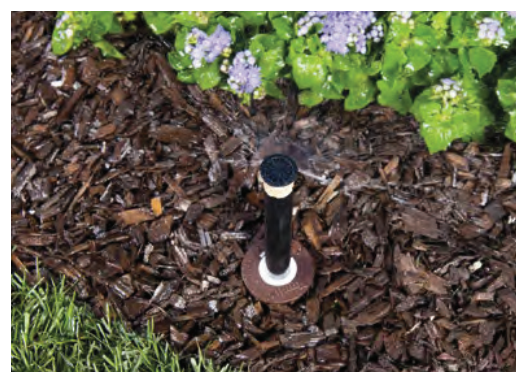


6Q Nozzle
Radius: 1.8 m



6H Nozzle
Radius: 1.8 m

Short-Radius Micro Spray Nozzle



STRIP PATTERN NOZZLES

Irrigate narrow turf and planter areas accurately with fixed arc strip nozzles.

KEY BENEFITS

- Designed for accurate coverage of strip areas
- Available in a variety of models for unique, rectangular spaces
- Built to last in harsh conditions

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

STRIP PATTERN NOZZLE PERFORMANCE DATA

Arc	Pressure		Width x Length m	Flow	
	bar	kPa		m ³ /hr	l/min
LCS-515 	1.0	100	1.2 x 4.2	0.10	1.7
	1.5	150	1.2 x 4.3	0.13	2.1
	2.1	210	1.5 x 4.5	0.15	2.5
	2.5	250	1.5 x 4.5	0.16	2.7
	3.0	300	1.5 x 4.5	0.17	2.8
RCS-515 	1.0	100	1.2 x 4.2	0.10	1.7
	1.5	150	1.2 x 4.3	0.13	2.1
	2.1	210	1.5 x 4.5	0.15	2.5
	2.5	250	1.5 x 4.5	0.16	2.7
	3.0	300	1.5 x 4.5	0.17	2.8
SS-530 	1.0	100	1.2 x 8.5	0.21	3.5
	1.5	150	1.5 x 9.0	0.25	4.2
	2.1	210	1.5 x 9.1	0.30	5.0
	2.5	250	1.5 x 9.1	0.33	5.5
	3.0	300	1.5 x 9.1	0.34	5.7
SS-918 	1.0	100	2.4 x 5.2	0.27	4.5
	1.5	150	2.7 x 5.5	0.33	5.5
	2.1	210	2.7 x 5.5	0.39	6.5
	2.5	250	2.7 x 5.5	0.43	7.1
	3.0	300	2.7 x 5.5	0.47	7.9
CS-530 	1.0	100	1.2 x 8.5	0.21	3.5
	1.5	150	1.5 x 9.0	0.25	4.2
	2.1	210	1.5 x 9.1	0.30	5.0
	2.5	250	1.5 x 9.1	0.33	5.5
	3.0	300	1.5 x 9.1	0.34	5.7
ES-515 	1.0	100	1.1 x 4.2	0.10	1.7
	1.5	150	1.2 x 4.3	0.13	2.1
	2.1	210	1.5 x 4.5	0.15	2.5
	2.5	250	1.5 x 4.5	0.16	2.7
	3.0	300	1.5 x 4.5	0.17	2.8

Bold = Recommended pressure



Left Corner Strip
Rectangle: 1.5 m x 4.5 m



Right Corner Strip
Rectangle: 1.5 m x 4.5 m



Side Strip
Rectangle: 1.5 m x 9.1 m



Side Strip
Rectangle: 2.7 m x 5.5 m



Center Strip
Rectangle: 1.5 m x 9.1 m



End Strip
Rectangle: 1.5 m x 4.5 m

RCS-515

