

NOZZLES

NOZZLES



PRECISION DISTRIBUTION CONTROL™ ADJUSTABLE NOZZLES

FEATURES

- Crisp, well-defined edges
- Matched precipitation rate on each nozzle from 8A to 17A
- Easy grip top for simple adjustment
- Large water droplets cut through wind
- Even distribution results in better coverage
- 1.2 m and 1.8 m models provide additional flexibility
- Colour-coded for easy field identification
- Adjustable from 0° to 360°

OPERATING SPECIFICATIONS

- Recommended operating pressure: 2.1 bar and 210 kPa
- Specify the Pro-Spray® PRS30 pop-up for accurate pressure regulation of 2.1 bar; 210 kPa



4A Nozzle
Radius: 1.2 m



6A Nozzle
Radius: 1.8 m



8A Nozzle
Radius: 2.4 m



10A Nozzle
Radius: 3.0 m



12A Nozzle
Radius: 3.7 m



15A Nozzle
Radius: 4.6 m



17A Nozzle
Radius: 5.2 m

PRECISION DISTRIBUTION CONTROL™ ADJUSTABLE NOZZLES PERFORMANCE DATA

4A 1.2 m radius
Adjustable from 0° to 360°
● Lt. Green Trajectory: 0°

6A 1.8 m radius
Adjustable from 0° to 360°
● Lt. Blue Trajectory: 0°

8A 2.4 m radius
Adjustable from 0° to 360°
● Brown Trajectory: 0°

Arc	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	■	▲
45° ▶	1.0	100	0.9	0.02	0.31	187	216	1.5	0.03	0.54	117	136	2.0	0.04	0.62	77	89
	1.5	150	1.0	0.02	0.39	178	206	1.6	0.04	0.60	108	124	2.2	0.04	0.72	72	83
	2.1	210	1.2	0.03	0.48	167	193	1.8	0.04	0.65	98	114	2.4	0.05	0.83	67	77
	2.5	250	1.3	0.03	0.56	158	183	1.9	0.04	0.70	92	106	2.6	0.05	0.91	63	73
	3.0	300	1.4	0.04	0.64	149	172	2.1	0.05	0.75	86	99	2.9	0.06	1.01	59	68
90° ◑	1.0	100	0.9	0.02	0.31	93	108	1.5	0.06	1.08	116	134	2.0	0.07	1.24	77	89
	1.5	150	1.0	0.02	0.39	89	103	1.6	0.07	1.21	109	126	2.2	0.09	1.44	72	83
	2.1	210	1.2	0.03	0.48	84	97	1.8	0.08	1.35	102	118	2.4	0.10	1.65	67	77
	2.5	250	1.3	0.03	0.56	79	91	1.9	0.09	1.47	97	112	2.6	0.11	1.82	63	73
	3.0	300	1.4	0.04	0.64	75	86	2.1	0.10	1.61	92	106	2.9	0.12	2.02	59	68
120° ◐	1.0	100	0.9	0.06	0.97	221	255	1.5	0.08	1.26	102	118	2.0	0.10	1.66	77	89
	1.5	150	1.0	0.07	1.10	188	217	1.6	0.09	1.43	97	112	2.2	0.11	1.92	72	83
	2.1	210	1.2	0.07	1.25	162	187	1.8	0.10	1.61	91	105	2.4	0.13	2.20	67	77
	2.5	250	1.3	0.08	1.36	146	168	1.9	0.11	1.76	87	100	2.6	0.15	2.43	63	73
	3.0	300	1.4	0.09	1.49	131	151	2.1	0.12	1.93	82	95	2.9	0.16	2.69	59	68
180° ◐	1.0	100	0.9	0.07	1.18	178	206	1.5	0.10	1.70	92	106	2.0	0.15	2.49	77	89
	1.5	150	1.0	0.08	1.38	157	181	1.6	0.12	1.96	88	102	2.2	0.17	2.87	72	83
	2.1	210	1.2	0.10	1.60	139	160	1.8	0.13	2.24	84	97	2.4	0.20	3.30	67	77
	2.5	250	1.3	0.11	1.78	127	146	1.9	0.15	2.47	81	94	2.6	0.22	3.65	63	73
	3.0	300	1.4	0.12	1.98	115	133	2.1	0.16	2.72	78	90	2.9	0.24	4.03	59	68
240° ◑	1.0	100	0.9	0.12	1.94	220	254	1.5	0.15	2.44	99	114	2.0	0.20	3.32	77	89
	1.5	150	1.0	0.13	2.24	192	221	1.6	0.17	2.83	96	111	2.2	0.23	3.83	72	83
	2.1	210	1.2	0.16	2.59	168	194	1.8	0.20	3.28	92	107	2.4	0.26	4.40	67	77
	2.5	250	1.3	0.17	2.86	153	177	1.9	0.22	3.63	89	103	2.6	0.29	4.86	63	73
	3.0	300	1.4	0.19	3.17	139	160	2.1	0.24	4.03	86	99	2.9	0.32	5.38	59	68
270° ◑	1.0	100	0.9	0.13	2.09	211	244	1.5	0.18	3.08	111	128	2.0	0.22	3.73	77	89
	1.5	150	1.0	0.14	2.40	183	211	1.6	0.21	3.52	106	122	2.2	0.26	4.31	72	83
	2.1	210	1.2	0.16	2.75	159	183	1.8	0.24	4.02	101	116	2.4	0.30	4.95	67	77
	2.5	250	1.3	0.18	3.02	144	166	1.9	0.27	4.42	97	112	2.6	0.33	5.47	63	73
	3.0	300	1.4	0.20	3.33	130	150	2.1	0.29	4.87	92	107	2.9	0.36	6.05	59	68
360° ●	1.0	100	0.9	0.14	2.26	171	197	1.5	0.21	3.57	96	111	2.0	0.30	4.97	77	89
	1.5	150	1.0	0.16	2.60	148	171	1.6	0.24	4.07	92	106	2.2	0.34	5.75	72	83
	2.1	210	1.2	0.18	2.98	129	149	1.8	0.28	4.62	87	100	2.4	0.40	6.61	67	77
	2.5	250	1.3	0.20	3.29	117	135	1.9	0.30	5.06	83	96	2.6	0.44	7.29	63	73
	3.0	300	1.4	0.22	3.63	106	122	2.1	0.33	5.56	79	92	2.9	0.48	8.07	59	68

Bold = Recommended pressure

Note: The Pro-Spray PRS30's built-in pressure regulator controls output to a maximum of 2.1 bar; 210 kPa. Adjusting the radius reduction screw may be required to achieve catalogue radius and flow.

PRECISION DISTRIBUTION CONTROL™ ADJUSTABLE NOZZLES PERFORMANCE DATA

10A 3.0 m radius
Adjustable from 0° to 360°
Trajectory: 15°
● Red

12A 3.7 m radius
Adjustable from 0° to 360°
Trajectory: 28°
● Green

15A 4.6 m radius
Adjustable from 0° to 360°
Trajectory: 28°
● Black

Arc	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	■	▲
45° ▶	1.0	100	2.6	0.04	0.68	49	56	3.2	0.04	0.73	34	40	4.0	0.08	1.27	38	43
	1.5	150	2.8	0.05	0.80	49	57	3.4	0.06	0.97	40	46	4.3	0.09	1.51	39	45
	2.1	210	3.0	0.06	0.94	49	56	3.7	0.07	1.23	44	51	4.6	0.11	1.79	40	46
	2.5	250	3.2	0.06	1.06	48	56	3.9	0.09	1.44	46	54	4.9	0.12	2.00	40	46
	3.0	300	3.5	0.07	1.18	47	54	4.1	0.10	1.68	48	56	5.2	0.14	2.25	40	46
90° ◑	1.0	100	2.6	0.08	1.35	49	56	3.2	0.09	1.46	34	40	4.0	0.15	2.53	38	43
	1.5	150	2.8	0.10	1.61	49	57	3.4	0.12	1.93	40	46	4.3	0.18	3.03	39	45
	2.1	210	3.0	0.11	1.89	49	56	3.7	0.15	2.46	44	51	4.6	0.21	3.57	40	46
	2.5	250	3.2	0.13	2.11	48	56	3.9	0.17	2.88	46	54	4.9	0.24	4.01	40	46
	3.0	300	3.5	0.14	2.37	47	54	4.1	0.20	3.36	48	56	5.2	0.27	4.50	40	46
120° ◐	1.0	100	2.6	0.11	1.80	49	56	3.2	0.12	1.94	34	40	4.0	0.20	3.38	38	43
	1.5	150	2.8	0.13	2.14	49	57	3.4	0.15	2.58	40	46	4.3	0.24	4.03	39	45
	2.1	210	3.0	0.15	2.52	49	56	3.7	0.20	3.28	44	51	4.6	0.29	4.76	40	46
	2.5	250	3.2	0.17	2.82	48	56	3.9	0.23	3.84	46	54	4.9	0.32	5.34	40	46
	3.0	300	3.5	0.19	3.16	47	54	4.1	0.27	4.48	48	56	5.2	0.36	6.00	40	46
180° ◓	1.0	100	2.6	0.16	2.71	49	56	3.2	0.17	2.91	34	40	4.0	0.30	5.07	38	43
	1.5	150	2.8	0.19	3.21	49	57	3.4	0.23	3.86	40	46	4.3	0.36	6.05	39	45
	2.1	210	3.0	0.23	3.78	49	56	3.7	0.30	4.92	44	51	4.6	0.43	7.14	40	46
	2.5	250	3.2	0.25	4.23	48	56	3.9	0.35	5.76	46	54	4.9	0.48	8.02	40	46
	3.0	300	3.5	0.28	4.73	47	54	4.1	0.40	6.71	48	56	5.2	0.54	9.00	40	46
240° ◒	1.0	100	2.6	0.22	3.61	49	56	3.2	0.23	3.88	34	40	4.0	0.41	6.76	38	43
	1.5	150	2.8	0.26	4.28	49	57	3.4	0.31	5.15	40	46	4.3	0.48	8.07	39	45
	2.1	210	3.0	0.30	5.03	49	56	3.7	0.39	6.56	44	51	4.6	0.57	9.52	40	46
	2.5	250	3.2	0.34	5.64	48	56	3.9	0.46	7.68	46	54	4.9	0.64	10.69	40	46
	3.0	300	3.5	0.38	6.31	47	54	4.1	0.54	8.95	48	56	5.2	0.72	12.00	40	46
270° ◑	1.0	100	2.6	0.24	4.06	49	56	3.2	0.26	4.37	34	40	4.0	0.46	7.60	38	43
	1.5	150	2.8	0.29	4.82	49	57	3.4	0.35	5.80	40	46	4.3	0.54	9.08	39	45
	2.1	210	3.0	0.34	5.66	49	56	3.7	0.44	7.38	44	51	4.6	0.64	10.71	40	46
	2.5	250	3.2	0.38	6.34	48	56	3.9	0.52	8.65	46	54	4.9	0.72	12.03	40	46
	3.0	300	3.5	0.43	7.10	47	54	4.1	0.60	10.07	48	56	5.2	0.81	13.50	40	46
360° ●	1.0	100	2.6	0.32	5.41	49	56	3.2	0.35	5.83	34	40	4.0	0.61	10.13	38	43
	1.5	150	2.8	0.39	6.43	49	57	3.4	0.46	7.73	40	46	4.3	0.73	12.10	39	45
	2.1	210	3.0	0.45	7.55	49	56	3.7	0.59	9.84	44	51	4.6	0.86	14.28	40	46
	2.5	250	3.2	0.51	8.45	48	56	3.9	0.69	11.53	46	54	4.9	0.96	16.03	40	46
	3.0	300	3.5	0.57	9.47	47	54	4.1	0.81	13.43	48	56	5.2	1.08	18.00	40	46

Bold = Recommended pressure

Note: The Pro-Spray PRS30's built-in pressure regulator controls output to a maximum of 2.1 bar; 210 kPa. Adjusting the radius reduction screw may be required to achieve catalogue radius and flow.

**PRECISION DISTRIBUTION CONTROL™
ADJUSTABLE NOZZLES PERFORMANCE DATA**

17A 5.2 m radius
Adjustable from 0° to 360°
● Grey Trajectory: 28°

Arc	Pressure		Radius m	Flow		Precip mm/hr	
	bar	kPa		m ³ /hr	l/min	■	▲
45° ▶	1.0	100	4.6	0.10	1.68	38	43
	1.5	150	4.9	0.12	1.94	38	44
	2.1	210	5.2	0.13	2.23	39	45
	2.5	250	5.5	0.15	2.46	39	45
	3.0	300	5.8	0.16	2.72	39	45
90° ◐	1.0	100	4.6	0.20	3.36	38	43
	1.5	150	4.9	0.23	3.88	38	44
	2.1	210	5.2	0.27	4.45	39	45
	2.5	250	5.5	0.30	4.92	39	45
	3.0	300	5.8	0.33	5.44	39	45
120° ◑	1.0	100	4.6	0.27	4.48	38	43
	1.5	150	4.9	0.31	5.17	38	44
	2.1	210	5.2	0.36	5.94	39	45
	2.5	250	5.5	0.39	6.56	39	45
	3.0	300	5.8	0.43	7.25	39	45
180° ◒	1.0	100	4.6	0.40	6.71	38	43
	1.5	150	4.9	0.47	7.75	38	44
	2.1	210	5.2	0.53	8.91	39	45
	2.5	250	5.5	0.59	9.83	39	45
	3.0	300	5.8	0.65	10.87	39	45
240° ◓	1.0	100	4.6	0.54	8.95	38	43
	1.5	150	4.9	0.62	10.34	38	44
	2.1	210	5.2	0.71	11.88	39	45
	2.5	250	5.5	0.79	13.11	39	45
	3.0	300	5.8	0.87	14.50	39	45
270° ◔	1.0	100	4.6	0.60	10.07	38	43
	1.5	150	4.9	0.70	11.63	38	44
	2.1	210	5.2	0.80	13.36	39	45
	2.5	250	5.5	0.89	14.75	39	45
	3.0	300	5.8	0.98	16.31	39	45
360° ●	1.0	100	4.6	0.81	13.43	38	43
	1.5	150	4.9	0.93	15.51	38	44
	2.1	210	5.2	1.07	17.82	39	45
	2.5	250	5.5	1.18	19.67	39	45
	3.0	300	5.8	1.30	21.75	39	45

Bold = Recommended pressure

Note: The Pro-Spray PRS30's built-in pressure regulator controls output to a maximum of 2.1 bar; 210 kPa. Adjusting the radius reduction screw may be required to achieve catalogue radius and flow.

Precision Distribution Control™ Adjustable Nozzle



NOZZLES

PRO-SPRAY® FIXED ARC NOZZLES

FEATURES

- Colour-coded for easy field identification
- Optimum droplet size minimises misting while maximising uniformity

OPERATING SPECIFICATIONS

- Recommended operating pressure: 2.1 bar; 210 kPa
- Specify the Pro-Spray® PRS30 pop-up for accurate pressure regulation of 2.1 bar; 210 kPa







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: 0°

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		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	1.7	0.04	0.62	51	59	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	50	
		2.0	200	1.5	0.03	0.45	48	55	2.4	0.06	1.00	42	48	3.0	0.09	1.53	41	47	
		2.1	210	1.5	0.03	0.46	49	57	2.4	0.06	1.03	43	49	3.0	0.09	1.57	42	48	
		2.5	250	1.7	0.03	0.51	42	49	2.7	0.07	1.13	37	43	3.3	0.10	1.71	38	44	
120° 	T	1.0	100	Use 4A or 6A Nozzle					1.7	0.05	0.83	51	59	2.4	0.09	1.44	45	52	
		1.5	150						2.1	0.07	1.12	46	53	2.7	0.11	1.77	44	50	
		2.0	200						2.4	0.08	1.33	42	48	3.0	0.12	2.04	41	47	
		2.1	210						2.4	0.08	1.37	43	49	3.0	0.13	2.09	42	48	
		2.5	250						2.7	0.09	1.51	37	43	3.3	0.14	2.28	38	44	
180° 	H	1.0	100	1.1	0.04	0.60	60	69	1.7	0.08	1.33	55	64	2.4	0.13	2.17	45	52	
		1.5	150	1.3	0.05	0.76	54	62	2.1	0.10	1.69	46	53	2.7	0.16	2.65	44	50	
		2.0	200	1.5	0.05	0.90	48	55	2.4	0.12	1.99	42	48	3.0	0.18	3.06	41	47	
		2.1	210	1.5	0.06	0.92	49	57	2.4	0.12	2.05	43	49	3.0	0.19	3.14	42	48	
		2.5	250	1.7	0.06	1.02	42	49	2.7	0.14	2.27	37	43	3.3	0.21	3.43	38	44	
240° 	TT	1.0	100	Use 4A or 6A Nozzle					Use 8A Nozzle					Use 10A Nozzle					
		1.5	150																
		2.0	200																
		2.1	210																
		2.5	250																
270° 	TQ	1.0	100	Use 4A or 6A Nozzle					Use 8A Nozzle					Use 10A Nozzle					
		1.5	150																
		2.0	200																
		2.1	210																
		2.5	250																
360° 	F	1.0	100	1.1	0.07	1.20	60	69	1.7	0.16	2.67	55	64	2.4	0.26	4.33	45	52	
		1.5	150	1.3	0.09	1.52	54	62	2.1	0.20	3.37	46	53	2.7	0.32	5.31	44	50	
		2.0	200	1.5	0.11	1.79	48	55	2.4	0.24	3.99	42	48	3.0	0.37	6.13	41	47	
		2.1	210	1.5	0.11	1.85	49	57	2.4	0.25	4.10	43	49	3.0	0.38	6.28	42	48	
		2.5	250	1.7	0.12	2.04	42	49	2.7	0.27	4.54	37	43	3.3	0.41	6.85	38	44	

Bold = Recommended pressure







NOZZLES

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		Flow		Precip mm/hr		Radius		Flow		Precip mm/hr		Radius		Flow		Precip mm/hr		
		bar	kPa	m	m	m ³ /hr	l/min	■	▲	m	m ³ /hr	l/min	■	▲	m	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				
		2.0	200	3.7	0.14	2.37	41	48	4.6	0.21	3.54	40	46	5.2	0.27	4.48	40	46				
		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	40	46	5.5	0.30	5.01	40	46				
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									
		2.0	200	3.7	0.19	3.16	41	48	4.6	0.28	4.71	40	46									
		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	3.59	40	47	4.9	0.32	5.27	40	46									
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				
		2.0	200	3.7	0.28	4.73	41	48	4.6	0.42	7.07	40	46	5.2	0.54	8.96	40	46				
		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				
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									
		2.0	200	3.7	0.38	6.31	41	48	4.6	0.57	9.43	40	46									
		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									
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									
		2.0	200	3.7	0.43	7.10	41	48	4.6	0.64	10.61	40	46									
		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									
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									
		2.0	200	3.7	0.57	9.47	41	48	4.6	0.85	14.14	40	46									
		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									

Bold = Recommended pressure

NOZZLES



SHORT RADIUS NOZZLES

FEATURES



- Specifically designed for controlled irrigation of close-in spaces
- Built to last in harsh conditions
- Available in 0.6 m, 1.2 m and 1.8 m radius versions

SHORT RADIUS NOZZLES PERFORMANCE DATA



● Nozzle Lt. Brown

Arc	Pressure		Position	Radius	Flow		Precip mm/hr	
	bar	kPa			m ³ /hr	l/min	■	▲
90° 	1.0	100	2Q	0.6	0.01	0.23	153	177
	1.5	150		0.6	0.02	0.28	188	217
	2.0	200		0.6	0.02	0.33	217	250
	2.1	210		0.6	0.02	0.33	222	257
	2.5	250		0.6	0.02	0.36	242	280
180° 	1.0	100	2H	0.6	0.03	0.46	153	177
	1.5	150		0.6	0.03	0.56	188	217
	2.0	200		0.6	0.04	0.65	217	250
	2.1	210		0.6	0.04	0.67	222	257
	2.5	250		0.6	0.04	0.73	242	280

● Nozzle Lt. Green

Arc	Pressure		Position	Radius	Flow		Precip mm/hr	
	bar	kPa			m ³ /hr	l/min	■	▲
90° 	1.0	100	4Q	1.2	0.04	0.69	115	133
	1.5	150		1.2	0.05	0.77	128	147
	2.0	200		1.2	0.05	0.82	137	158
	2.1	210		1.2	0.05	0.84	139	160
	2.5	250		1.2	0.05	0.87	145	168
180° 	1.0	100	4H	1.2	0.08	1.39	115	133
	1.5	150		1.2	0.09	1.54	128	147
	2.0	200		1.2	0.10	1.65	137	158
	2.1	210		1.2	0.10	1.67	139	160
	2.5	250		1.2	0.10	1.74	145	168

● Nozzle Lt. Blue

Arc	Pressure		Position	Radius	Flow		Precip mm/hr	
	bar	kPa			m ³ /hr	l/min	■	▲
90° 	1.0	100	6Q	1.8	0.11	1.84	136	157
	1.5	150		1.8	0.11	1.93	143	165
	2.0	200		1.8	0.12	2.00	148	171
	2.1	210		1.8	0.12	2.01	149	172
	2.5	250		1.8	0.22	2.06	152	176
180° 	1.0	100	6H	1.8	0.22	3.67	136	157
	1.5	150		1.8	0.22	3.86	143	165
	2.0	200		1.8	0.22	4.00	148	171
	2.1	210		1.8	0.22	4.03	149	172
	2.5	250		1.8	0.23	4.12	152	176

Bold = Recommended pressure



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

NOZZLES

STRIP PATTERN NOZZLES

FEATURES

- Specifically designed for accurate coverage of strip areas
- Available in an array of models built to water unique spaces
- Built to last in harsh conditions

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
	2.0	200	1.5 x 4.5	0.15	2.4
	2.1	210	1.5 x 4.5	0.15	2.5
	2.5	250	1.5 x 4.5	0.16	2.7
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
	2.0	200	1.5 x 4.5	0.15	2.4
	2.1	210	1.5 x 4.5	0.15	2.5
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
	2.0	200	1.5 x 9.0	0.29	4.9
	2.1	210	1.5 x 9.1	0.30	5.0
	2.5	250	1.5 x 9.1	0.33	5.5
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
	2.0	200	1.5 x 4.5	0.15	2.4
	2.1	210	1.5 x 4.5	0.15	2.5
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
	2.0	200	1.5 x 9.0	0.29	4.9
	2.1	210	1.5 x 9.1	0.30	5.0
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
	2.0	200	2.7 x 5.5	0.38	6.4
	2.1	210	2.7 x 5.5	0.39	6.5
	2.5	250	2.7 x 5.5	0.43	7.1

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




NOZZLES

STREAM NOZZLES

FEATURES




- Adjustable Arc from 25°-360°
- Offered in 2 adjustable radius options
- Lower application rate to avoid runoff
- Multiple streams provide even coverage

MODEL S-8A STREAM SPRAY NOZZLE PERFORMANCE DATA

Arc	Pressure		Radius m	Flow		Precip mm/hr	
	bar	kPa		m ³ /hr	l/min	■	▲
90° 	1.0	100	2.1	0.05	0.9	52	60
	1.5	150	2.2	0.07	1.1	55	64
	2.0	200	2.4	0.08	1.4	57	66
	2.1	210	2.4	0.09	1.4	57	66
	2.5	250	2.6	0.10	1.6	58	67
180° 	1.0	100	2.1	0.12	1.9	55	63
	1.5	150	2.2	0.13	2.1	51	58
	2.0	200	2.4	0.14	2.3	47	54
	2.1	210	2.4	0.14	2.3	46	53
	2.5	250	2.6	0.15	2.4	44	50
360° 	1.0	100	2.1	0.24	4.0	56	65
	1.5	150	2.2	0.25	4.2	50	58
	2.0	200	2.4	0.26	4.4	45	52
	2.1	210	2.4	0.26	4.4	44	51
	2.5	250	2.6	0.27	4.6	41	47

Bold = Recommended pressure

MODEL S-16A STREAM SPRAY NOZZLE PERFORMANCE DATA

Arc	Pressure		Radius m	Flow		Precip mm/hr	
	bar	kPa		m ³ /hr	l/min	■	▲
90° 	1.0	100	4.3	0.08	1.4	18	21
	1.5	150	4.6	0.10	1.6	18	21
	2.0	200	5.0	0.11	1.9	18	21
	2.1	210	5.0	0.11	1.9	18	21
	2.5	250	5.3	0.13	2.1	18	21
180° 	1.0	100	4.3	0.14	2.3	14	17
	1.5	150	4.6	0.17	2.8	15	18
	2.0	200	5.0	0.20	3.3	16	18
	2.1	210	5.0	0.20	3.4	16	19
	2.5	250	5.3	0.23	3.8	16	19
360° 	1.0	100	4.3	0.23	3.9	12	14
	1.5	150	4.6	0.30	5.0	14	16
	2.0	200	5.0	0.36	6.1	15	17
	2.1	210	5.0	0.38	6.3	15	17
	2.5	250	5.3	0.43	7.2	16	18

Bold = Recommended pressure

STREAM NOZZLES



S-8A

Radius: 2.1 m to 2.6 m



S-16A

Radius: 4.3 m to 5.3 m




S-8A



BUBBLER NOZZLES

FEATURES

- Pressure compensation ensures uniform output across various pressures
- Provides the correct amount of water, reducing runoff or waste
- Nozzle threaded for use with Pro-Spray®

MULTI-STREAM BUBBLER PERFORMANCE DATA					
Arc	Model	Flow		Radius	m
		m ³ /hr	l/min		
	MSBN-25Q	0.06	0.9	0.30	
	MSBN-50Q	0.11	1.9	0.46	
	MSBN-50H	0.11	1.9	0.30	
	MSBN-10H	0.23	3.8	0.46	
	MSBN-10F	0.23	3.8	0.30	
	MSBN-20F	0.45	7.6	0.46	

Notes:

Typical spacing 0.6 to 1.2 m. Flows shown for pressures between 1.0 and 4.8 bar; 100 and 480 kPa.

Multi-Stream Bubbler



MULTI-STREAM BUBBLER NOZZLES



MSBN-25Q
Flow: 0.06 m³/hr;
0.9 l/min




MSBN-50Q/50H
Flow: 0.11 m³/hr;
1.9 l/min



MSBN-10H/10F
Flow: 0.23 m³/hr;
3.8 l/min



MSBN-20F
Flow: 0.45 m³/hr;
7.6 l/min

PCN PERFORMANCE DATA					
	Model	Flow		Pattern Type	
		m ³ /hr	l/min		
	25	0.06	0.9	Trickle	
	50	0.11	1.9	Trickle	
	10	0.23	3.8	Umbrella	
	20	0.46	7.6	Umbrella	

Notes:

Typical spacing 0.3 to 0.9 m. Flows shown for pressures between 1.0 and 4.8 bar; 100 and 480 kPa.

PCN



PRESSURE COMPENSATING BUBBLER NOZZLES



PCN-25
Flow: 0.06 m³/hr;
0.9 l/min



PCN-50
Flow: 0.11 m³/hr;
1.9 l/min



PCN-10
Flow: 0.23 m³/hr;
3.8 l/min




PCN-20
Flow: 0.46 m³/hr;
7.6 l/min

BUBBLERS

FEATURES

- Pressure compensation ensures uniform output across various pressures
- ½" inlet
- Flow marked top for easy identification

PCB PERFORMANCE DATA

	Model	Flow		Pattern Type
		m ³ /hr	l/min	
	25	0.06	0.9	Trickle
	50	0.11	1.9	Trickle
	10	0.23	3.8	Umbrella
	20	0.45	7.6	Umbrella

Notes:

Typical spacing 0.6 to 1.2 m. Flows shown for pressures between 1.0 and 4.8 bar; 100 and 480 kPa.

PCB



PRESSURE COMPENSATING BUBBLERS




PCB



PCB-R

AFB PERFORMANCE DATA

	Model	Flow		Pattern Type
		m ³ /hr	l/min	
	AFB	< 0.45	< 7.6	Trickle/ Umbrella

AFB




ADJUSTABLE FLOOD BUBBLER



AFB

5-CST-B BUBBLER NOZZLE PERFORMANCE DATA

	Pressure		Radius	Flow	
	bar	kPa		m	m ³ /hr
	1.0	100	1.5	0.07	1.1
	1.5	150	1.5	0.07	1.2
	2.0	200	1.5	0.09	1.4
	2.1	210	1.5	0.09	1.5
	2.5	250	1.5	0.10	1.6

5-CST-B



DUAL-STREAM BUBBLER NOZZLE



5-CST-B

NOZZLES



HUNTER SPRAY NOZZLES

Built to Last

SPRAY BODIES:

Always Perform Under Pressure

With an industry-leading 34.5 bar; 3,450 kPa burst pressure, the Pro-Spray® is built to perform in the most demanding irrigation systems in the world.

Innovative Seal Design Prevents Leaks

Most spray bodies leak when the cap is loosened only a quarter turn. The Pro-Spray can handle over one full turn of the cap with no leak or loss of performance.

SPRAY NOZZLES:

Designed for Complete Coverage

The industry's strongest edges and uniform coverage at full radius means no section of landscape is missed.

Thick Droplets Get the Job Done Right

Pro-Sprays disperse the largest water droplets of any spray nozzle on the market, so water is not deflected by wind or held back by thick turf.