

PRO HIGH-EFFICIENCY NOZZLES

Pro High-Efficiency Nozzles provide increased efficiency for spray systems through high uniformity from the spray pattern at a matched precipitation rate across the line.

KEY BENEFITS

- High-efficiency performance from a high-uniformity spray pattern
- Matched precipitation of 40 mm/hr from 2.4 m to 5.2 m across the 0° to 360° adjustable arc range
- Smooth spray pattern with well-defined edges for targeted landscape irrigation
- Colour-coded with natural hues to blend with the landscape and provide easy field identification

ADDITIONAL FEATURES

- Simple arc adjustment using the easy-grip nozzle top
- Thick nozzle top offers long-lasting durability against equipment damage
- Fast installation with clear identification of spray pattern edges

OPERATING SPECIFICATIONS

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



8A-HE Nozzle
Radius: 2.4 m



10A-HE Nozzle
Radius: 3.0 m



12A-HE Nozzle
Radius: 3.7 m



15A-HE Nozzle
Radius: 4.6 m



17A-HE Nozzle
Radius: 5.2 m

PRO HIGH-EFFICIENCY NOZZLES PERFORMANCE DATA



8A-HE

● Olive Green

2.4 m radius
Adjustable from 0° to 360°
Trajectory: 20°



10A-HE

● Dark Blue

3.0 m radius
Adjustable from 0° to 360°
Trajectory: 25°



12A-HE

● Brown

3.7 m radius
Adjustable from 0° to 360°
Trajectory: 25°

Arc	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° 	1.0	100	2.0	0.05	0.87	52	60	2.7	0.08	1.36	45	52	3.3	0.12	2.01	44	51
	1.5	150	2.2	0.06	1.02	51	59	2.8	0.09	1.55	48	55	3.5	0.13	2.23	44	51
	2.1	210	2.4	0.06	1.06	44	51	3.0	0.10	1.67	44	51	3.7	0.14	2.38	42	48
	2.5	250	2.6	0.07	1.21	43	50	3.1	0.11	1.82	45	52	3.8	0.16	2.65	44	51
	3.0	300	2.8	0.08	1.32	41	47	3.2	0.12	1.93	45	52	3.9	0.17	2.84	45	52
180° 	1.0	100	2.0	0.10	1.65	49	57	2.7	0.16	2.65	44	50	3.3	0.23	3.88	43	49
	1.5	150	2.2	0.11	1.85	46	53	2.8	0.18	2.94	45	52	3.5	0.25	4.24	42	48
	2.1	210	2.4	0.12	2.08	43	50	3.0	0.19	3.24	43	50	3.7	0.28	4.62	40	47
	2.5	250	2.6	0.14	2.37	42	48	3.1	0.21	3.52	44	51	3.8	0.30	5.03	42	48
	3.0	300	2.8	0.15	2.57	39	45	3.2	0.23	3.79	44	51	3.9	0.33	5.53	44	50
270° 	1.0	100	2.0	0.15	2.47	49	57	2.7	0.24	3.97	44	50	3.3	0.35	5.82	43	49
	1.5	150	2.2	0.17	2.78	46	53	2.8	0.26	4.41	45	52	3.5	0.38	6.36	42	48
	2.1	210	2.4	0.19	3.11	43	50	3.0	0.29	4.85	43	50	3.7	0.42	6.93	40	47
	2.5	250	2.6	0.21	3.55	42	48	3.1	0.32	5.28	44	51	3.8	0.45	7.55	42	48
	3.0	300	2.8	0.23	3.86	39	45	3.2	0.34	5.68	44	51	3.9	0.50	8.29	44	50
360° 	1.0	100	2.0	0.20	3.29	49	57	2.7	0.32	5.30	44	50	3.3	0.47	7.76	43	49
	1.5	150	2.2	0.22	3.71	46	53	2.8	0.35	5.88	45	52	3.5	0.51	8.48	42	48
	2.1	210	2.4	0.25	4.15	43	50	3.0	0.39	6.47	43	50	3.7	0.55	9.24	40	47
	2.5	250	2.6	0.28	4.73	42	48	3.1	0.42	7.04	44	51	3.8	0.60	10.07	42	48
	3.0	300	2.8	0.31	5.50	39	45	3.2	0.45	7.57	44	51	3.9	0.66	11.05	44	50

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**15A-HE**

4.6 m radius
Adjustable from 0° to 360°
Trajectory: 25°

● Black

17A-HE

5.2 m radius
Adjustable from 0° to 360°
Trajectory: 25°

● Grey

Arc	Pressure		Radius m	Flow		Precip mm/hr		Radius m	Flow		Precip mm/hr	
	bar	kPa		m ³ /hr	l/min	■	▲		m ³ /hr	l/min	■	▲
90° 	1.0	100	4.2	0.18	2.95	40	46	4.6	0.22	3.61	41	47
	1.5	150	4.4	0.20	3.33	41	48	4.8	0.24	4.04	42	49
	2.1	210	4.6	0.22	3.63	41	48	5.2	0.28	4.69	42	48
	2.5	250	4.7	0.24	4.05	44	51	5.3	0.29	4.90	42	48
	3.0	300	4.8	0.26	4.28	45	51	5.4	0.31	5.25	43	50
180° 	1.0	100	4.2	0.35	5.78	39	45	4.6	0.40	6.68	38	44
	1.5	150	4.4	0.38	6.38	40	46	4.8	0.46	7.70	40	46
	2.1	210	4.6	0.42	7.08	40	46	5.2	0.54	8.93	40	46
	2.5	250	4.7	0.47	7.76	42	49	5.3	0.56	9.33	40	46
	3.0	300	4.8	0.50	8.39	44	50	5.4	0.60	10.03	41	48
270° 	1.0	100	4.2	0.52	8.67	39	45	4.6	0.60	10.02	38	44
	1.5	150	4.4	0.57	9.58	40	46	4.8	0.69	11.55	40	46
	2.1	210	4.6	0.64	10.62	40	46	5.2	0.80	13.40	40	46
	2.5	250	4.7	0.70	11.64	42	49	5.3	0.84	14.00	40	46
	3.0	300	4.8	0.75	12.59	44	50	5.4	0.90	15.05	41	48
360° 	1.0	100	4.2	0.69	11.56	39	45	4.6	0.80	13.36	38	44
	1.5	150	4.4	0.77	12.77	40	46	4.8	0.92	15.40	40	46
	2.1	210	4.6	0.85	14.16	40	46	5.2	1.07	17.87	40	46
	2.5	250	4.7	0.93	15.52	42	49	5.3	1.12	18.66	40	46
	3.0	300	4.8	1.01	16.78	44	50	5.4	1.20	20.06	41	48

Bold = Recommended pressure

Note: The Pro-Spray PRS30 Sprinkler Body'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.

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