PS Ultra

The PS Ultra is a compact, slim-line spray sprinkler with the option of preinstalled nozzles for faster installation.

KEY BENEFITS

- Enhanced cap for more durability, easier handling, and extended riser seal life
- Large inlet filter screen for increased debris resistance
- Heavy-duty spring for consistent riser retraction
- Directional flush plug design for cleaner installation
- Two-piece ratcheting riser
- Check valve option eliminates low-head drainage
- 5 cm and 10 cm models can retrofit into older style PS models
- Compatible with all female-threaded nozzles

Operating Specifications

- Operational pressure range: 1.4 to 4.8 bar; 140 to 480 kPa
- Warranty period: 2 years

Factory-Installed Options

- Flush plug (large filter screen not included)
- Nozzles: 2.4 m, 3.0 m, 3.7 m, 4.6 m, 5.2 m, 1.5 x 9.1 m side strip
- Large inlet filter screen included in 10 cm and 15 cm preinstalled nozzle models

User-Installed Options

- Check valve installs in filter screen for 10 cm and 15 cm models (up to 2 m of elevation P/N: 462237SP)
- Large inlet filter screen P/N: 162900SP
- Shutoff nozzle P/N: 916400SP

			NOZZLE 4A LT. GREEN • 1.2 m radius Adjustable from 0° to 360 Trajectory 0°					**NOZZLE 6A LT. BLUE •** 1.8 m radius Adjustable from 0° to 360 Trajectory 0°				
Arc	Pressure		Radius	Flow		Precip mm/hr		Radius	Flow		Precip mm/hr	
	bar	kPa	m	m³/hr	l/min	■	▲	m	m³/hr	l/min	■	▲
45°	1.0	100	0.9	0.02	0.31	187	216	1.5	0.03	0.54	117	136
	1.5	150	1.0	0.02	0.39	178	206	1.6	0.04	0.60	108	124
	2.1	210	1.2	0.03	0.48	167	193	1.8	0.04	0.65	98	114
	2.5	250	1.3	0.03	0.56	158	183	1.9	0.04	0.70	92	106
	3.0	300	1.4	0.04	0.64	149	172	2.1	0.05	0.75	86	99
90°	1.0	100	0.9	0.04	0.72	213	246	1.5	0.06	1.08	116	134
	1.5	150	1.0	0.05	0.76	182	210	1.6	0.07	1.21	109	126
	2.1	210	1.2	0.05	0.83	139	160	1.8	0.08	1.35	102	118
	2.5	250	1.3	0.05	0.91	129	149	1.9	0.09	1.47	97	112
	3.0	300	1.4	0.06	0.95	116	134	2.1	0.10	1.61	92	106
120°	1.0	100	0.9	0.06	0.97	221	255	1.5	0.08	1.26	102	118
	1.5	150	1.0	0.07	1.10	188	217	1.6	0.09	1.43	97	112
	2.1	210	1.2	0.07	1.25	162	187	1.8	0.10	1.61	91	105
	2.5	250	1.3	0.08	1.36	146	168	1.9	0.11	1.76	87	100
	3.0	300	1.4	0.09	1.49	131	151	2.1	0.12	1.93	82	95
180°	1.0	100	0.9	0.07	1.18	178	206	1.5	0.10	1.70	92	106
	1.5	150	1.0	0.08	1.38	157	181	1.6	0.12	1.96	88	102
	2.1	210	1.2	0.10	1.60	139	160	1.8	0.13	2.24	84	97
	2.5	250	1.3	0.11	1.78	127	146	1.9	0.15	2.47	81	94
	3.0	300	1.4	0.12	1.98	115	133	2.1	0.16	2.72	78	90
240°	1.0	100	0.9	0.12	1.94	220	254	1.5	0.15	2.44	99	114
	1.5	150	1.0	0.13	2.24	192	221	1.6	0.17	2.83	96	111
	2.1	210	1.2	0.16	2.59	168	194	1.8	0.20	3.28	92	107
	2.5	250	1.3	0.17	2.86	153	177	1.9	0.22	3.63	89	103
	3.0	300	1.4	0.19	3.17	139	160	2.1	0.24	4.03	86	99
270°	1.0	100	0.9	0.13	2.09	211	244	1.5	0.18	3.08	111	128
	1.5	150	1.0	0.14	2.40	183	211	1.6	0.21	3.52	106	122
	2.1	210	1.2	0.16	2.75	159	183	1.8	0.24	4.02	101	116
	2.5	250	1.3	0.18	3.02	144	166	1.9	0.27	4.42	97	112
	3.0	300	1.4	0.20	3.33	130	150	2.1	0.29	4.87	92	107
360°	1.0	100	0.9	0.14	2.26	171	197	1.5	0.21	3.57	96	111
	1.5	150	1.0	0.16	2.60	148	171	1.6	0.24	4.07	92	106
	2.1	210	1.2	0.18	2.98	129	149	1.8	0.28	4.62	87	100
	2.5	250	1.3	0.20	3.29	117	135	1.9	0.30	5.06	83	96
	3.0	300	1.4	0.22	3.63	106	122	2.1	0.33	5.56	79	92

8A & 10A

			NOZZLE 8A BROWN • 2.4 m radius Adjustable from 0° to 360 Trajectory 15°					**NOZZLE 10A RED •** 3.0 m radius Adjustable from 0° to 360 Trajectory 15°				
Arc	Pressure		Radius	Flow		Precip mm/hr		Radius	Flow		Precip mm/hr	
	bar	kPa	m	m³/hr	l/min	■	▲	m	m³/hr	l/min	■	▲
45°	1.0	100	2.0	0.04	0.62	77	89	2.6	0.04	0.68	49	56
	1.5	150	2.2	0.04	0.72	72	83	2.8	0.05	0.80	49	57
	2.1	210	2.4	0.05	0.83	67	77	3.0	0.06	0.94	49	56
	2.5	250	2.6	0.05	0.91	63	73	3.2	0.06	1.06	48	56
	3.0	300	2.9	0.06	1.01	59	68	3.5	0.07	1.18	47	54
90°	1.0	100	2.0	0.07	1.24	77	89	2.6	0.08	1.35	49	56
	1.5	150	2.2	0.09	1.44	72	83	2.8	0.10	1.61	49	57
	2.1	210	2.4	0.10	1.65	67	77	3.0	0.11	1.89	49	56
	2.5	250	2.6	0.11	1.82	63	73	3.2	0.13	2.11	48	56
	3.0	300	2.9	0.12	2.02	59	68	3.5	0.14	2.37	47	54
120°	1.0	100	2.0	0.10	1.66	77	89	2.6	0.11	1.80	49	56
	1.5	150	2.2	0.11	1.92	72	83	2.8	0.13	2.14	49	57
	2.1	210	2.4	0.13	2.20	67	77	3.0	0.15	2.52	49	56
	2.5	250	2.6	0.15	2.43	63	73	3.2	0.17	2.82	48	56
	3.0	300	2.9	0.16	2.69	59	68	3.5	0.19	3.16	47	54
180°	1.0	100	2.0	0.15	2.49	77	89	2.6	0.16	2.71	49	56
	1.5	150	2.2	0.17	2.87	72	83	2.8	0.19	3.21	49	57
	2.1	210	2.4	0.20	3.30	67	77	3.0	0.23	3.78	49	56
	2.5	250	2.6	0.22	3.65	63	73	3.2	0.25	4.23	48	56
	3.0	300	2.9	0.24	4.03	59	68	3.5	0.28	4.73	47	54
240°	1.0	100	2.0	0.20	3.32	77	89	2.6	0.22	3.61	49	56
	1.5	150	2.2	0.23	3.83	72	83	2.8	0.26	4.28	49	57
	2.1	210	2.4	0.26	4.40	67	77	3.0	0.30	5.03	49	56
	2.5	250	2.6	0.29	4.86	63	73	3.2	0.34	5.64	48	56
	3.0	300	2.9	0.32	5.38	59	68	3.5	0.38	6.31	47	54
270°	1.0	100	2.0	0.22	3.73	77	89	2.6	0.24	4.06	49	56
	1.5	150	2.2	0.26	4.31	72	83	2.8	0.29	4.82	49	57
	2.1	210	2.4	0.30	4.95	67	77	3.0	0.34	5.66	49	56
	2.5	250	2.6	0.33	5.47	63	73	3.2	0.38	6.34	48	56
	3.0	300	2.9	0.36	6.05	59	68	3.5	0.43	7.10	47	54
360°	1.0	100	2.0	0.30	4.97	77	89	2.6	0.32	5.41	49	56
	1.5	150	2.2	0.34	5.75	72	83	2.8	0.39	6.43	49	57
	2.1	210	2.4	0.40	6.61	67	77	3.0	0.45	7.55	49	56
	2.5	250	2.6	0.44	7.29	63	73	3.2	0.51	8.45	48	56
	3.0	300	2.9	0.48	8.07	59	68	3.5	0.57	9.47	47	54

			NOZZLE 12A GREEN • 3.7 m radius Adjustable from 0° to 360 Trajectory 28°					**NOZZLE 15A BLACK •** 4.6 m radius Adjustable from 0° to 360 Trajectory 28°					**NOZZLE 17A GREY •** 5.2 m radius Adjustable from 0° to 360 Trajectory 28°				
Arc	Pressure		Radius	Flow		Precip mm/hr		Radius	Flow		Precip mm/hr		Radius	Flow		Precip mm/hr	
	bar	kPa	m	m³/hr	l/min	■	▲	m	m³/hr	l/min	■	▲	m	m³/hr	l/min	■	▲
45°	1.0	100	3.2	0.04	0.73	34	40	4.0	0.08	1.27	38	43	4.6	0.10	1.68	38	43
	1.5	150	3.4	0.06	0.97	40	46	4.3	0.09	1.51	39	45	4.9	0.12	1.94	38	44
	2.1	210	3.7	0.07	1.23	44	51	4.6	0.11	1.79	40	46	5.2	0.13	2.23	39	45
	2.5	250	3.9	0.09	1.44	46	54	4.9	0.12	2.00	40	46	5.5	0.15	2.46	39	45
	3.0	300	4.1	0.10	1.68	48	56	5.2	0.14	2.25	40	46	5.8	0.16	2.72	39	45
90°	1.0	100	3.2	0.09	1.46	34	40	4.0	0.15	2.53	38	43	4.6	0.20	3.36	38	43
	1.5	150	3.4	0.12	1.93	40	46	4.3	0.18	3.03	39	45	4.9	0.23	3.88	38	44
	2.1	210	3.7	0.15	2.46	44	51	4.6	0.21	3.57	40	46	5.2	0.27	4.45	39	45
	2.5	250	3.9	0.17	2.88	46	54	4.9	0.24	4.01	40	46	5.5	0.30	4.92	39	45
	3.0	300	4.1	0.20	3.36	48	56	5.2	0.27	4.50	40	46	5.8	0.33	5.44	39	45
120°	1.0	100	3.2	0.12	1.94	34	40	4.0	0.20	3.38	38	43	4.6	0.27	4.48	38	43
	1.5	150	3.4	0.15	2.58	40	46	4.3	0.24	4.03	39	45	4.9	0.31	5.17	38	44
	2.1	210	3.7	0.20	3.28	44	51	4.6	0.29	4.76	40	46	5.2	0.36	5.94	39	45
	2.5	250	3.9	0.23	3.84	46	54	4.9	0.32	5.34	40	46	5.5	0.39	6.56	39	45
	3.0	300	4.1	0.27	4.48	48	56	5.2	0.36	6.00	40	46	5.8	0.43	7.25	39	45
180°	1.0	100	3.2	0.17	2.91	34	40	4.0	0.30	5.07	38	43	4.6	0.40	6.71	38	43
	1.5	150	3.4	0.23	3.86	40	46	4.3	0.36	6.05	39	45	4.9	0.47	7.75	38	44
	2.1	210	3.7	0.30	4.92	44	51	4.6	0.43	7.14	40	46	5.2	0.53	8.91	39	45
	2.5	250	3.9	0.35	5.76	46	54	4.9	0.48	8.02	40	46	5.5	0.59	9.83	39	45
	3.0	300	4.1	0.40	6.71	48	56	5.2	0.54	9.00	40	46	5.8	0.65	10.87	39	45
240°	1.0	100	3.2	0.23	3.88	34	40	4.0	0.41	6.76	38	43	4.6	0.54	8.95	38	43
	1.5	150	3.4	0.31	5.15	40	46	4.3	0.48	8.07	39	45	4.9	0.62	10.34	38	44
	2.1	210	3.7	0.39	6.56	44	51	4.6	0.57	9.52	40	46	5.2	0.71	11.88	39	45
	2.5	250	3.9	0.46	7.68	46	54	4.9	0.64	10.69	40	46	5.5	0.79	13.11	39	45
	3.0	300	4.1	0.54	8.95	48	56	5.2	0.72	12.00	40	46	5.8	0.87	14.50	39	45
270°	1.0	100	3.2	0.26	4.37	34	40	4.0	0.46	7.60	38	43	4.6	0.60	10.07	38	43
	1.5	150	3.4	0.35	5.80	40	46	4.3	0.54	9.08	39	45	4.9	0.70	11.63	38	44
	2.1	210	3.7	0.44	7.38	44	51	4.6	0.64	10.71	40	46	5.2	0.80	13.36	39	45
	2.5	250	3.9	0.52	8.65	46	54	4.9	0.72	12.03	40	46	5.5	0.89	14.75	39	45
	3.0	300	4.1	0.60	10.07	48	56	5.2	0.81	13.50	40	46	5.8	0.98	16.31	39	45
360°	1.0	100	3.2	0.35	5.83	34	40	4.0	0.61	10.13	38	43	4.6	0.81	13.43	38	43
	1.5	150	3.4	0.46	7.73	40	46	4.3	0.73	12.10	39	45	4.9	0.93	15.51	38	44
	2.1	210	3.7	0.59	9.84	44	51	4.6	0.86	14.28	40	46	5.2	1.07	17.82	39	45
	2.5	250	3.9	0.69	11.53	46	54	4.9	0.96	16.03	40	46	5.5	1.18	19.67	39	45
	3.0	300	4.1	0.81	13.43	48	56	5.2	1.08	18.00	40	46	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.

STRIP PATTERN NOZZLES PERFORMANCE DATA

• **Nozzle Blue**

Arc	Pressure		Width x Length	Flow	
	bar	**kPa**	**m**	**m³/hr**	**l/min**
SS-530 Side Strip	1.0	100	1.2 x 8.5	0.21	3.50
	1.5	150	1.5 x 9.0	0.25	4.20
	2.0	200	1.5 x 9.0	0.29	4.90
	2.1	**210**	**1.5 x 9.0**	**0.30**	**5.00**
	2.5	250	1.5 x 9.0	0.33	5.50

Notes = Recommended pressure

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