

PS ULTRA

Application: **Residential**
 Size: **5 cm, 10 cm, 15 cm**

FEATURES

- Application: Residential
- Models: 5 cm, 10 cm, 15 cm
- Nozzle choices: 5
- Flow rate: 0.04 to 1.22 m³/hr
- Nozzle choices: 3.0 m, 3.7 m, 4.6 m, 5.2 m, 1.5 x 9.1 m side strip (side strip pattern available on 5 and 10 cm models only)
- Preinstalled Pro Adjustable nozzle
- Enhanced cap for more durability, easier handling, and extended riser seal life
- 5 cm and 10 cm models can retro-fit into older style PS sprays
- Two-piece ratchet
- Male threaded riser to accept all female nozzles
- Available with flush plug (large filter screen not included)
- Extra large filter screen
- Warranty period: 2 years

OPERATING SPECIFICATIONS

- Flow rate: 0.63 to 20.4 l/hr
- Radius: 2.5 to 9.1 m
- Recommended pressure range: 1.4 to 4.8 bar; 140 to 480 kPa
- Precipitation rates: 43 mm/hr approx.

FACTORY INSTALLED OPTIONS

- Nozzles: 3.0 m, 3.7 m, 4.6 m, 5.2 m, 1.5 X 9.1 m side strip
- Flush plug (large filter screen not included)

USER INSTALLED OPTIONS

- Drain check valve: 10 cm and 15 cm models (up to 2 m of elevation; P/N 462237)
- Large basket filter screen (replacement; P/N 162900)



PSU02

Overall height: 12.7 cm
 Pop-up height: 5 cm
 Exposed diameter: 3 cm
 Inlet size: 1/2" Female NPT



PSU04

Overall height: 18.4 cm
 Pop-up height: 10 cm
 Exposed diameter: 3 cm
 Inlet size: 1/2" Female NPT



PSU06

Overall height: 24.1 cm
 Pop-up height: 15 cm
 Exposed diameter: 3 cm
 Inlet size: 1/2" Female NPT

PS ULTRA - SPECIFICATION BUILDER: ORDER 1 + 2

1 Models	2 Radius
PSU-02 = 5 cm (2") Pop-up	(blank) = No option
PSU-04 = 10 cm (4") Pop-up	10A = 3.0 m (10') adjustable nozzle
PSU-06 = 15 cm (6") Pop-up	12A = 3.7 m (12') adjustable nozzle
	15A = 4.6 m (15') adjustable nozzle
	17A = 5.2 m (17') adjustable nozzle
	5SS = 1.5 m x 9.0 m (5' x 30') side strip (5 cm and 10 cm only)

Examples:

- PSU-04 - 15A = 10 cm pop-up, with a 4.6 m adjustable nozzle
- PSU-02 - 5SS = 5 cm pop-up, with a 1.5 m x 9.0 m side strip
- PSU-06 - 10A = 15 cm pop-up, with a 3.0 m adjustable nozzle
- PSU-04 = 10 cm pop-up, with flush plug, large filter screen not included








PS ULTRA STANDARD NOZZLES PERFORMANCE DATA

● Nozzle 10A Red

3.0 m radius
Adjustable from 0° to 360°
Trajectory: 15°

● Nozzle 12A Green

3.7 m radius
Adjustable from 0° to 360°
Trajectory: 28°








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	■	▲
45° 	1.0	100	2.1	0.04	0.63	68	79	2.7	0.05	0.81	53	61
	1.5	150	2.4	0.05	0.79	66	76	3.2	0.06	1.01	47	55
	2.0	200	3.0	0.06	0.92	49	57	3.7	0.07	1.18	42	48
	2.1	210	3.3	0.06	0.95	42	48	4.0	0.07	1.22	36	42
	2.5	250	3.5	0.06	1.04	41	47	4.2	0.08	1.34	36	42
90° 	1.0	100	2.1	0.08	1.26	68	79	2.7	0.10	1.62	53	61
	1.5	150	2.4	0.09	1.57	66	76	3.2	0.12	2.02	47	55
	2.0	200	3.0	0.11	1.84	49	57	3.7	0.14	2.37	42	48
	2.1	210	3.3	0.11	1.89	42	48	4.0	0.15	2.43	36	42
	2.5	250	3.5	0.12	2.08	41	47	4.2	0.16	2.68	36	42
120° 	1.0	100	2.1	0.10	1.68	68	79	2.7	0.13	2.16	53	61
	1.5	150	2.4	0.13	2.10	66	76	3.2	0.16	2.70	47	55
	2.0	200	3.0	0.15	2.46	49	57	3.7	0.19	3.16	42	48
	2.1	210	3.3	0.15	2.52	42	48	4.0	0.19	3.24	36	42
	2.5	250	3.5	0.17	2.78	41	47	4.2	0.21	3.57	36	42
180° 	1.0	100	2.1	0.15	2.52	68	79	2.7	0.19	3.23	53	61
	1.5	150	2.4	0.19	3.14	66	76	3.2	0.24	4.04	47	55
	2.0	200	3.0	0.22	3.68	49	57	3.7	0.28	4.74	42	48
	2.1	210	3.3	0.23	3.78	42	48	4.0	0.29	4.86	36	42
	2.5	250	3.5	0.25	4.16	41	47	4.2	0.32	5.35	36	42
240° 	1.0	100	2.1	0.20	3.35	68	79	2.7	0.26	4.31	53	61
	1.5	150	2.4	0.25	4.19	66	76	3.2	0.32	5.39	47	55
	2.0	200	3.0	0.29	4.91	49	57	3.7	0.38	6.31	42	48
	2.1	210	3.3	0.30	5.04	42	48	4.0	0.39	6.49	36	42
	2.5	250	3.5	0.33	5.55	41	47	4.2	0.43	7.14	36	42
270° 	1.0	100	2.1	0.23	3.77	68	79	2.7	0.29	4.85	53	61
	1.5	150	2.4	0.28	4.72	66	76	3.2	0.36	6.06	47	55
	2.0	200	3.0	0.33	5.52	49	57	3.7	0.43	7.10	42	48
	2.1	210	3.3	0.34	5.68	42	48	4.0	0.44	7.30	36	42
	2.5	250	3.5	0.37	6.25	41	47	4.2	0.48	8.03	36	42
360° 	1.0	100	2.1	0.30	5.03	68	79	2.7	0.39	6.47	53	61
	1.5	150	2.4	0.38	6.29	66	76	3.2	0.49	8.09	47	55
	2.0	200	3.0	0.44	7.37	49	57	3.7	0.57	9.47	42	48
	2.1	210	3.3	0.45	7.57	42	48	4.0	0.58	9.73	36	42
	2.5	250	3.5	0.50	8.33	41	47	4.2	0.64	10.71	36	42

Bold = Recommended pressure

PS ULTRA STANDARD NOZZLES PERFORMANCE DATA


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

● **Nozzle 17A Gray**
 5.2 m radius
 Adjustable from 0° to 360°
 Trajectory: 28°

Arc	Pressure		Radius		Flow		Precip mm/hr		Radius		Flow		Precip mm/hr	
	Bar	kPa	m	m	m ³ /hr	l/min	■	▲	m	m	m ³ /hr	l/min	■	▲
45° 	1.0	100	3.4	0.07	1.19	50	57	4.7	0.09	1.54	33	39		
	1.5	150	3.9	0.09	1.49	47	54	4.9	0.12	1.93	38	44		
	2.0	200	4.6	0.10	1.75	40	46	5.2	0.14	2.26	40	46		
	2.1	210	4.9	0.11	1.80	36	41	5.5	0.14	2.32	37	42		
	2.5	250	5.2	0.12	1.98	35	40	5.7	0.15	2.55	38	43		
90° 	1.0	100	3.4	0.14	2.39	50	57	4.7	0.18	3.08	33	39		
	1.5	150	3.9	0.18	2.98	47	54	4.9	0.23	3.85	38	44		
	2.0	200	4.6	0.21	3.50	40	46	5.2	0.27	4.51	40	46		
	2.1	210	4.9	0.22	3.59	36	41	5.5	0.28	4.63	37	42		
	2.5	250	5.2	0.24	3.95	35	40	5.7	0.31	5.10	38	43		
120° 	1.0	100	3.4	0.19	3.18	50	57	4.7	0.25	4.11	33	39		
	1.5	150	3.9	0.24	3.98	47	54	4.9	0.31	5.13	38	44		
	2.0	200	4.6	0.28	4.66	40	46	5.2	0.36	6.01	40	46		
	2.1	210	4.9	0.29	4.79	36	41	5.5	0.37	6.18	37	42		
	2.5	250	5.2	0.32	5.27	35	40	5.7	0.41	6.8	38	43		
180° 	1.0	100	3.4	0.29	4.77	50	57	4.7	0.37	6.16	33	39		
	1.5	150	3.9	0.36	5.97	47	54	4.9	0.46	7.70	38	44		
	2.0	200	4.6	0.42	6.99	40	46	5.2	0.54	9.02	40	46		
	2.1	210	4.9	0.43	7.18	36	41	5.5	0.56	9.27	37	42		
	2.5	250	5.2	0.47	7.90	35	40	5.7	0.61	10.20	38	43		
240° 	1.0	100	3.4	0.38	6.37	50	57	4.7	0.49	8.21	33	39		
	1.5	150	3.9	0.48	7.96	47	54	4.9	0.62	10.27	38	44		
	2.0	200	4.6	0.56	9.32	40	46	5.2	0.72	12.03	40	46		
	2.1	210	4.9	0.57	9.57	36	41	5.5	0.74	12.35	37	42		
	2.5	250	5.2	0.63	10.54	35	40	5.7	0.82	13.60	38	43		
270° 	1.0	100	3.4	0.43	7.16	50	57	4.7	0.55	9.24	33	39		
	1.5	150	3.9	0.54	8.95	47	54	4.9	0.69	11.55	38	44		
	2.0	200	4.6	0.63	10.49	40	46	5.2	0.81	13.53	40	46		
	2.1	210	4.9	0.65	10.77	36	41	5.5	0.83	13.90	37	42		
	2.5	250	5.2	0.71	11.86	35	40	5.7	0.92	15.30	38	43		
360° 	1.0	100	3.4	0.57	9.55	50	57	4.7	0.74	12.32	33	39		
	1.5	150	3.9	0.72	11.94	47	54	4.9	0.92	15.40	38	44		
	2.0	200	4.6	0.84	13.98	40	46	5.2	1.08	18.04	40	46		
	2.1	210	4.9	0.86	14.36	36	41	5.5	1.11	18.53	37	42		
	2.5	250	5.2	0.95	15.81	35	40	5.7	1.22	20.40	38	43		

Bold = Recommended pressure

STRIP PATTERN NOZZLE PERFORMANCE DATA

Nozzle Model	Pressure		Width x Length		Flow	
	Bar	kPa	m		m ³ /hr	l/min
	1.0	100	2.2 x 8.5		0.21	3.5
	1.5	150	2.4 x 8.5		0.25	4.2
	2.0	200	1.5 x 9.0		0.29	4.9
	2.1	210	1.5 x 9.0		0.30	5.0
	2.5	250	1.5 x 9.0		0.33	5.5

Bold = Recommended pressure

SPRAYS