

PS ULTRA

Models: 5 cm, 10 cm, 15 cm
Inlet: 1/2"

FEATURES

- Models: 5 cm, 10 cm, 15 cm
- Durable cap
- Two-piece ratcheting riser
- 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
- ▶ Optional check valve
- ▶ Heavy-duty spring

OPERATING SPECIFICATIONS

- Operational pressure range: 1.0 to 4.8 bar; 100 to 480 kPa

FACTORY INSTALLED OPTIONS

- Nozzles: 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 cm and 10 cm models only)
- Flush plug (large filter screen not included)
- Optional extra large filter screen

USER INSTALLED OPTIONS

- Drain check valve: 10 cm and 15 cm models (up to 2 m of elevation; P/N 462237)
- Large inlet filter screen (replacement; P/N 162900)
- ▶ = *Advanced Feature descriptions on page 58*



PSU-02
Retracted height: 13 cm
Pop-up height: 5 cm
Exposed diameter: 3 cm
Inlet size: 1/2"



PSU-04
Retracted height: 18 cm
Pop-up height: 10 cm
Exposed diameter: 3 cm
Inlet size: 1/2"



PSU-06
Retracted height: 24 cm
Pop-up height: 15 cm
Exposed diameter: 3 cm
Inlet size: 1/2"

PS ULTRA - SPECIFICATION BUILDER: ORDER 1 + 2

1 Model	2 Nozzles	3 Optional
PSU-02 = 5 cm Pop-up PSU-04 = 10 cm Pop-up PSU-06 = 15 cm Pop-up	(blank) = Flush plug, no large filter screen 10A = 3.0 m adjustable nozzle 12A = 3.7 m adjustable nozzle 15A = 4.6 m adjustable nozzle 17A = 5.2 m adjustable nozzle 5SS = 1.5 m x 9.1 m side strip (02 and 04 only)	NFO = Nozzle filter only (Available for 10 cm model only) Substitute standard installation of large inlet filter screen and receive unit with the nozzle filter only

Examples:

- PSU-02 - 5SS = 5 cm Pop-up, with a 1.5 m x 9.1 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
- PSU-04 - 12A - NFO = 10 cm Pop-up, with a 3.7 m adjustable nozzle, large inlet filter screen not included

PS ULTRA STANDARD NOZZLES PERFORMANCE DATA

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

12A 3.7 m radius
Adjustable from 0° to 360°
● Green 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	2.6	0.04	0.68	49	56	3.2	0.04	0.73	34	40
	1.5	150	2.8	0.05	0.80	49	57	3.4	0.06	0.97	40	46
	2.1	210	3.0	0.06	0.94	49	56	3.7	0.07	1.23	44	51
	2.5	250	3.2	0.06	1.06	48	56	3.9	0.09	1.44	46	54
	3.0	300	3.5	0.07	1.18	47	54	4.1	0.10	1.68	48	56
90° ◑	1.0	100	2.6	0.08	1.35	49	56	3.2	0.09	1.46	34	40
	1.5	150	2.8	0.10	1.61	49	57	3.4	0.12	1.93	40	46
	2.1	210	3.0	0.11	1.89	49	56	3.7	0.15	2.46	44	51
	2.5	250	3.2	0.13	2.11	48	56	3.9	0.17	2.88	46	54
	3.0	300	3.5	0.14	2.37	47	54	4.1	0.20	3.36	48	56
120° ◐	1.0	100	2.6	0.11	1.80	49	56	3.2	0.12	1.94	34	40
	1.5	150	2.8	0.13	2.14	49	57	3.4	0.15	2.58	40	46
	2.1	210	3.0	0.15	2.52	49	56	3.7	0.20	3.28	44	51
	2.5	250	3.2	0.17	2.82	48	56	3.9	0.23	3.84	46	54
	3.0	300	3.5	0.19	3.16	47	54	4.1	0.27	4.48	48	56
180° ◐	1.0	100	2.6	0.16	2.71	49	56	3.2	0.17	2.91	34	40
	1.5	150	2.8	0.19	3.21	49	57	3.4	0.23	3.86	40	46
	2.1	210	3.0	0.23	3.78	49	56	3.7	0.30	4.92	44	51
	2.5	250	3.2	0.25	4.23	48	56	3.9	0.35	5.76	46	54
	3.0	300	3.5	0.28	4.73	47	54	4.1	0.40	6.71	48	56
240° ◑	1.0	100	2.6	0.22	3.61	49	56	3.2	0.23	3.88	34	40
	1.5	150	2.8	0.26	4.28	49	57	3.4	0.31	5.15	40	46
	2.1	210	3.0	0.30	5.03	49	56	3.7	0.39	6.56	44	51
	2.5	250	3.2	0.34	5.64	48	56	3.9	0.46	7.68	46	54
	3.0	300	3.5	0.38	6.31	47	54	4.1	0.54	8.95	48	56
270° ◑	1.0	100	2.6	0.24	4.06	49	56	3.2	0.26	4.37	34	40
	1.5	150	2.8	0.29	4.82	49	57	3.4	0.35	5.80	40	46
	2.1	210	3.0	0.34	5.66	49	56	3.7	0.44	7.38	44	51
	2.5	250	3.2	0.38	6.34	48	56	3.9	0.52	8.65	46	54
	3.0	300	3.5	0.43	7.10	47	54	4.1	0.60		48	56
360° ●	1.0	100	2.6	0.32	5.41	49	56	3.2	0.35	5.83	34	40
	1.5	150	2.8	0.39	6.43	49	57	3.4	0.46	7.73	40	46
	2.1	210	3.0	0.45	7.55	49	56	3.7	0.59	9.84	44	51
	2.5	250	3.2	0.51	8.45	48	56	3.9	0.69	11.53	46	54
	3.0	300	3.5	0.57	9.47	47	54	4.1	0.81	13.43	48	56

Bold = Recommended pressure

PS ULTRA STANDARD NOZZLES PERFORMANCE DATA


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

17A 5.2 m radius
Adjustable from 0° to 360°
● Grey 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	4.0	0.08	1.27	38	43	4.6	0.10	1.68	38	43
	1.5	150	4.3	0.09	1.51	39	45	4.9	0.12	1.94	38	44
	2.1	210	4.6	0.11	1.79	40	46	5.2	0.13	2.23	39	45
	2.5	250	4.9	0.12	2.00	40	46	5.5	0.15	2.46	39	45
	3.0	300	5.2	0.14	2.25	40	46	5.8	0.16	2.72	39	45
90° 	1.0	100	4.0	0.15	2.53	38	43	4.6	0.20	3.36	38	43
	1.5	150	4.3	0.18	3.03	39	45	4.9	0.23	3.88	38	44
	2.1	210	4.6	0.21	3.57	40	46	5.2	0.27	4.45	39	45
	2.5	250	4.9	0.24	4.01	40	46	5.5	0.30	4.92	39	45
	3.0	300	5.2	0.27	4.50	40	46	5.8	0.33	5.44	39	45
120° 	1.0	100	4.0	0.20	3.38	38	43	4.6	0.27	4.48	38	43
	1.5	150	4.3	0.24	4.03	39	45	4.9	0.31	5.17	38	44
	2.1	210	4.6	0.29	4.76	40	46	5.2	0.36	5.94	39	45
	2.5	250	4.9	0.32	5.34	40	46	5.5	0.39	6.56	39	45
	3.0	300	5.2	0.36	6.00	40	46	5.8	0.43	7.25	39	45
180° 	1.0	100	4.0	0.30	5.07	38	43	4.6	0.40	6.71	38	43
	1.5	150	4.3	0.36	6.05	39	45	4.9	0.47	7.75	38	44
	2.1	210	4.6	0.43	7.14	40	46	5.2	0.53	8.91	39	45
	2.5	250	4.9	0.48	8.02	40	46	5.5	0.59	9.83	39	45
	3.0	300	5.2	0.54	9.00	40	46	5.8	0.65	10.87	39	45
240° 	1.0	100	4.0	0.41	6.76	38	43	4.6	0.54	8.95	38	43
	1.5	150	4.3	0.48	8.07	39	45	4.9	0.62	10.34	38	44
	2.1	210	4.6	0.57	9.52	40	46	5.2	0.71	11.88	39	45
	2.5	250	4.9	0.64	10.69	40	46	5.5	0.79	13.11	39	45
	3.0	300	5.2	0.72	12.00	40	46	5.8	0.87	14.50	39	45
270° 	1.0	100	4.0	0.46	7.60	38	43	4.6	0.60	10.07	38	43
	1.5	150	4.3	0.54	9.08	39	45	4.9	0.70	11.63	38	44
	2.1	210	4.6	0.64	10.71	40	46	5.2	0.80	13.36	39	45
	2.5	250	4.9	0.72	12.03	40	46	5.5	0.89	14.75	39	45
	3.0	300	5.2	0.81	13.50	40	46	5.8	0.98	16.31	39	45
360° 	1.0	100	4.0	0.61	10.13	38	43	4.6	0.81	13.43	38	43
	1.5	150	4.3	0.73	12.10	39	45	4.9	0.93	15.51	38	44
	2.1	210	4.6	0.86	14.28	40	46	5.2	1.07	17.82	39	45
	2.5	250	4.9	0.96	16.03	40	46	5.5	1.18	19.67	39	45
	3.0	300	5.2	1.08	18.00	40	46	5.8	1.30	21.75	39	45

Bold = Recommended pressure

STRIP PATTERN NOZZLE PERFORMANCE DATA

Model	Pressure		Width x Length m	Flow	
	bar	kPa		m ³ /hr	l/min
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

Bold = Recommended pressure