

PS ULTRA

The PS Ultra is a compact, slim-line spray sprinkler with the option of pre-installed 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
- Check valve option eliminates low-head drainage
- Heavy-duty spring for consistent riser retraction

ADDITIONAL FEATURES

- Directional flush plug design for cleaner installation
- Two-piece ratcheting riser
- 2" and 4" models can retrofit into older style PS models
- Compatible with all female-threaded nozzles

OPERATING SPECIFICATIONS

- Operational pressure range: 20 to 70 PSI
- Warranty period: 2 years

FACTORY-INSTALLED OPTIONS

- Flush plug (large filter screen not included)
- Nozzles 8A, 10A, 12A, 15A, 5' x 30' side strip
- Large inlet filter screen included in 4" and 6" pre-installed nozzle models

USER-INSTALLED OPTIONS

- Check valve installs in filter screen for 4" and 6" models (up to 7' of elevation; P/N 462237SP)
- Large inlet filter screen (P/N 162900SP)
- Shutoff nozzle (P/N 916400SP)



PSU-02
Retracted height: 5"
Pop-up height: 2"
Exposed diameter: 1/4"
Inlet size: 1/2"



PSU-04
Retracted height: 7 1/4"
Pop-up height: 4"
Exposed diameter: 1/4"
Inlet size: 1/2"



PSU-06
Retracted height: 9 1/2"
Pop-up height: 6"
Exposed diameter: 1/4"
Inlet size: 1/2"

PS ULTRA - SPECIFICATION BUILDER: ORDER 1 + 2 + 3 (OPTIONAL)

1 Model	2 Nozzles	3 Optional
PSU-02 = 2" pop-up PSU-04 = 4" pop-up PSU-06 = 6" pop-up	(blank) = Flush plug, no large filter screen 8A = 8' adjustable nozzle 10A = 10' adjustable nozzle 12A = 12' adjustable nozzle 15A = 15' adjustable nozzle 17A = 17' adjustable nozzle 5SS = 5' x 30' side strip (2" and 4" only)	NFO = Nozzle filter only (available for 4" model only). Substitute standard installation of large inlet filter screen and receive unit with the nozzle filter only.

Examples:








- PSU-02 - 5SS = 2" pop-up, with a 5' x 30' side strip
- PSU-06 - 10A = 6" pop-up, with a 10' adjustable nozzle
- PSU-04 = 4" pop-up, with flush plug, large filter screen not included
- PSU-04 - 12A - NFO = 4" pop-up, with a 12' adjustable nozzle, nozzle filter only

PS ULTRA STANDARD NOZZLES PERFORMANCE DATA

Arc	Pressure PSI	8A ● Brown 8' radius Adjustable from 0° to 360° Trajectory: 0°			10A ● Red 10' radius Adjustable from 0° to 360° Trajectory: 15°			12A ● Green 12' radius Adjustable from 0° to 360° Trajectory: 28°					
		Radius ft.	Flow GPM	Precip in/hr ■ ▲	Radius ft.	Flow GPM	Precip in/hr ■ ▲	Radius ft.	Flow GPM	Precip in/hr ■ ▲			
45° ▶	20	7	0.18	2.83	3.27	9	0.20	1.90	2.20	11	0.25	1.59	1.84
	25	8	0.20	2.74	3.16	10	0.23	1.92	2.22	12	0.28	1.60	1.85
	30	8	0.22	2.65	3.06	10	0.25	1.93	2.22	12	0.32	1.68	1.95
	35	9	0.24	2.50	2.89	11	0.28	1.92	2.22	13	0.37	1.80	2.08
90° ◑	20	7	0.36	2.83	3.27	9	0.40	1.90	2.20	11	0.50	1.59	1.84
	25	8	0.40	2.74	3.16	10	0.45	1.92	2.22	12	0.55	1.60	1.85
	30	8	0.44	2.65	3.06	10	0.50	1.93	2.22	12	0.63	1.68	1.95
	35	9	0.47	2.50	2.89	11	0.55	1.92	2.22	13	0.73	1.80	2.08
120° ◐	20	7	0.48	2.83	3.27	9	0.53	1.90	2.20	11	0.67	1.59	1.84
	25	8	0.53	2.74	3.16	10	0.60	1.92	2.22	12	0.73	1.60	1.85
	30	8	0.59	2.65	3.06	10	0.67	1.93	2.22	12	0.84	1.68	1.95
	35	9	0.63	2.50	2.89	11	0.73	1.92	2.22	13	0.97	1.80	2.08
180° ◔	20	7	0.72	2.83	3.27	9	0.80	1.90	2.20	11	1.00	1.59	1.84
	25	8	0.80	2.74	3.16	10	0.90	1.92	2.22	12	1.10	1.60	1.85
	30	8	0.88	2.65	3.06	10	1.00	1.93	2.22	12	1.26	1.68	1.95
	35	9	0.94	2.50	2.89	11	1.10	1.92	2.22	13	1.46	1.80	2.08
240° ◑	20	7	0.96	2.83	3.27	9	1.07	1.90	2.20	11	1.33	1.59	1.84
	25	8	1.07	2.74	3.16	10	1.20	1.92	2.22	12	1.47	1.60	1.85
	30	8	1.17	2.65	3.06	10	1.33	1.93	2.22	12	1.68	1.68	1.95
	35	9	1.25	2.50	2.89	11	1.47	1.92	2.22	13	1.95	1.80	2.08
270° ◐	20	7	1.08	2.83	3.27	9	1.20	1.90	2.20	11	1.50	1.59	1.84
	25	8	1.20	2.74	3.16	10	1.35	1.92	2.22	12	1.65	1.60	1.85
	30	8	1.32	2.65	3.06	10	1.50	1.93	2.22	12	1.89	1.68	1.95
	35	9	1.41	2.50	2.89	11	1.65	1.92	2.22	13	2.19	1.80	2.08
360° ●	20	7	1.44	2.83	3.27	9	1.60	1.90	2.20	11	2.00	1.59	1.84
	25	8	1.60	2.74	3.16	10	1.80	1.92	2.22	12	2.20	1.60	1.85
	30	8	1.76	2.65	3.06	10	2.00	1.93	2.22	12	2.52	1.68	1.95
	35	9	1.88	2.50	2.89	11	2.20	1.92	2.22	13	2.92	1.80	2.08
	40	9	2.00	2.38	2.74	11	2.36	1.88	2.17	13	3.36	1.91	2.21


Bold = Recommended pressure

PS ULTRA STANDARD NOZZLES PERFORMANCE DATA

Arc	Pressure PSI	15A ● Black 15' radius Adjustable from 0° to 360° Trajectory: 28°			17A ● Gray 17' radius Adjustable from 0° to 360° Trajectory: 28°				
		Radius ft.	Flow GPM	Precip in/hr ■ ▲	Radius ft.	Flow GPM	Precip in/hr ■ ▲		
45° 	20	14	0.39	1.51	1.75	16	0.49	1.46	1.68
	25	15	0.43	1.57	1.82	17	0.57	1.60	1.85
	30	15	0.47	1.59	1.84	17	0.58	1.53	1.77
	35	16	0.52	1.55	1.79	18	0.63	1.49	1.72
	40	17	0.57	1.60	1.85	19	0.69	1.55	1.79
90° 	20	14	0.77	1.51	1.75	16	0.97	1.46	1.68
	25	15	0.86	1.57	1.82	17	1.13	1.60	1.85
	30	15	0.93	1.59	1.84	17	1.15	1.53	1.77
	35	16	1.03	1.55	1.79	18	1.25	1.49	1.72
	40	17	1.13	1.60	1.85	19	1.38	1.55	1.79
120° 	20	14	1.03	1.51	1.75	16	1.29	1.46	1.68
	25	15	1.15	1.57	1.82	17	1.51	1.51	1.74
	30	15	1.24	1.59	1.84	17	1.53	1.53	1.77
	35	16	1.37	1.55	1.79	18	1.67	1.49	1.72
	40	17	1.51	1.60	1.85	19	1.84	1.47	1.70
180° 	20	14	1.54	1.51	1.75	16	1.94	1.46	1.68
	25	15	1.72	1.57	1.82	17	2.26	1.51	1.74
	30	15	1.86	1.59	1.84	17	2.30	1.53	1.77
	35	16	2.06	1.55	1.79	18	2.50	1.49	1.72
	40	17	2.26	1.60	1.85	19	2.76	1.47	1.70
240° 	20	14	2.05	1.51	1.75	16	2.59	1.46	1.68
	25	15	2.29	1.57	1.82	17	3.01	1.51	1.74
	30	15	2.48	1.59	1.84	17	3.07	1.53	1.77
	35	16	2.75	1.55	1.79	18	3.33	1.49	1.72
	40	17	3.01	1.60	1.85	19	3.68	1.47	1.70
270° 	20	14	2.31	1.51	1.75	16	2.91	1.46	1.68
	25	15	2.58	1.57	1.82	17	3.39	1.51	1.74
	30	15	2.79	1.59	1.84	17	3.45	1.53	1.77
	35	16	3.09	1.55	1.79	18	3.75	1.49	1.72
	40	17	3.39	1.60	1.85	19	4.14	1.47	1.70
360° 	20	14	3.08	1.51	1.75	16	3.88	1.46	1.68
	25	15	3.44	1.57	1.82	17	4.52	1.51	1.74
	30	15	3.72	1.59	1.84	17	4.60	1.53	1.77
	35	16	4.12	1.55	1.79	18	5.00	1.49	1.72
	40	17	4.52	1.60	1.85	19	5.52	1.47	1.70

Bold = Recommended pressure

STRIP PATTERN NOZZLE PERFORMANCE DATA

Model	Pressure PSI	Width x Length ft.	Flow GPM
SS-530 	20	4 x 28	1.10
	25	5 x 30	1.20
	30	5 x 30	1.30
	35	5 x 30	1.40
	40	5 x 30	1.50

Bold = Recommended pressure