

# PS ULTRA

Models: **2", 4", 6"**  
Inlet: **1/2"**

## FEATURES

- Models: 2", 4", 6"
- Enhanced cap for more durability, easier handling, and extended riser seal life
- 2" and 4" models can retrofit into older style PS sprays
- 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: 20 to 70 PSI

## FACTORY INSTALLED OPTIONS

- Nozzles: 8A, 10A, 12A, 15A, 17A, 5' x 30' side strip (side strip pattern available on 2" and 4" models only)
- Flush plug (large filter screen not included)
- Optional extra large filter screen

## USER INSTALLED OPTIONS

- Drain check valve: 4" and 6" models (up to 7' of elevation; P/N 462237SP)
- Large inlet filter screen (replacement; P/N 162900SP)

▶ = *Advanced Feature descriptions on page 52*



### 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
<b>PSU-02</b> = 2" Pop-up <b>PSU-04</b> = 4" Pop-up <b>PSU-06</b> = 6" Pop-up	<b>(blank)</b> = Flush plug, no large filter screen <b>8A</b> = 8' Adjustable nozzle <b>10A</b> = 10' Adjustable nozzle <b>12A</b> = 12' Adjustable nozzle <b>15A</b> = 15' Adjustable nozzle <b>17A</b> = 17' Adjustable nozzle <b>5SS</b> = 5' x 30' Side Strip (2" and 4" only)	<b>NFO</b> = Nozzle filter only <i>(Available for 4" model only)</i> 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 8' radius Adjustable from 0° to 360° Trajectory: 0° ● Brown				10A 10' radius Adjustable from 0° to 360° Trajectory: 15° ● Red				12A 12' radius Adjustable from 0° to 360° Trajectory: 28° ● Green			
		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
	<b>30</b>	<b>8</b>	<b>0.22</b>	<b>2.65</b>	<b>3.06</b>	<b>10</b>	<b>0.25</b>	<b>1.93</b>	<b>2.22</b>	<b>12</b>	<b>0.32</b>	<b>1.68</b>	<b>1.95</b>
	35	9	0.24	2.50	2.89	11	0.28	1.92	2.22	13	0.37	1.80	2.08
	40	9	0.25	2.38	2.74	11	0.30	1.88	2.17	13	0.42	1.91	2.21
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
	<b>30</b>	<b>8</b>	<b>0.44</b>	<b>2.65</b>	<b>3.06</b>	<b>10</b>	<b>0.50</b>	<b>1.93</b>	<b>2.22</b>	<b>12</b>	<b>0.63</b>	<b>1.68</b>	<b>1.95</b>
	35	9	0.47	2.50	2.89	11	0.55	1.92	2.22	13	0.73	1.80	2.08
	40	9	0.50	2.38	2.74	11	0.59	1.88	2.17	13	0.84	1.91	2.21
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
	<b>30</b>	<b>8</b>	<b>0.59</b>	<b>2.65</b>	<b>3.06</b>	<b>10</b>	<b>0.67</b>	<b>1.93</b>	<b>2.22</b>	<b>12</b>	<b>0.84</b>	<b>1.68</b>	<b>1.95</b>
	35	9	0.63	2.50	2.89	11	0.73	1.92	2.22	13	0.97	1.80	2.08
	40	9	0.67	2.38	2.74	11	0.79	1.88	2.17	13	1.12	1.91	2.21
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
	<b>30</b>	<b>8</b>	<b>0.88</b>	<b>2.65</b>	<b>3.06</b>	<b>10</b>	<b>1.00</b>	<b>1.93</b>	<b>2.22</b>	<b>12</b>	<b>1.26</b>	<b>1.68</b>	<b>1.95</b>
	35	9	0.94	2.50	2.89	11	1.10	1.92	2.22	13	1.46	1.80	2.08
	40	9	1.00	2.38	2.74	11	1.18	1.88	2.17	13	1.68	1.91	2.21
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
	<b>30</b>	<b>8</b>	<b>1.17</b>	<b>2.65</b>	<b>3.06</b>	<b>10</b>	<b>1.33</b>	<b>1.93</b>	<b>2.22</b>	<b>12</b>	<b>1.68</b>	<b>1.68</b>	<b>1.95</b>
	35	9	1.25	2.50	2.89	11	1.47	1.92	2.22	13	1.95	1.80	2.08
	40	9	1.33	2.38	2.74	11	1.57	1.88	2.17	13	2.24	1.91	2.21
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
	<b>30</b>	<b>8</b>	<b>1.32</b>	<b>2.65</b>	<b>3.06</b>	<b>10</b>	<b>1.50</b>	<b>1.93</b>	<b>2.22</b>	<b>12</b>	<b>1.89</b>	<b>1.68</b>	<b>1.95</b>
	35	9	1.41	2.50	2.89	11	1.65	1.92	2.22	13	2.19	1.80	2.08
	40	9	1.50	2.38	2.74	11	1.77	1.88	2.17	13	2.52	1.91	2.21
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
	<b>30</b>	<b>8</b>	<b>1.76</b>	<b>2.65</b>	<b>3.06</b>	<b>10</b>	<b>2.00</b>	<b>1.93</b>	<b>2.22</b>	<b>12</b>	<b>2.52</b>	<b>1.68</b>	<b>1.95</b>
	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**

**15A**








15' radius  
Adjustable from  
0° to 360°  
Trajectory: 28°

● Black

**17A**


17' radius  
Adjustable from  
0° to 360°  
Trajectory: 28°

● Gray

Arc	Pressure PSI	Radius ft.	Flow			Precip in/hr			
			GPM	■	▲	ft.	GPM	■	▲
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
	<b>30</b>	<b>15</b>	<b>0.47</b>	<b>1.59</b>	<b>1.84</b>	<b>17</b>	<b>0.58</b>	<b>1.53</b>	<b>1.77</b>
	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
	<b>30</b>	<b>15</b>	<b>0.93</b>	<b>1.59</b>	<b>1.84</b>	<b>17</b>	<b>1.15</b>	<b>1.53</b>	<b>1.77</b>
	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
	<b>30</b>	<b>15</b>	<b>1.24</b>	<b>1.59</b>	<b>1.84</b>	<b>17</b>	<b>1.53</b>	<b>1.53</b>	<b>1.77</b>
	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
	<b>30</b>	<b>15</b>	<b>1.86</b>	<b>1.59</b>	<b>1.84</b>	<b>17</b>	<b>2.30</b>	<b>1.53</b>	<b>1.77</b>
	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
	<b>30</b>	<b>15</b>	<b>2.48</b>	<b>1.59</b>	<b>1.84</b>	<b>17</b>	<b>3.07</b>	<b>1.53</b>	<b>1.77</b>
	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
	<b>30</b>	<b>15</b>	<b>2.79</b>	<b>1.59</b>	<b>1.84</b>	<b>17</b>	<b>3.45</b>	<b>1.53</b>	<b>1.77</b>
	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
	<b>30</b>	<b>15</b>	<b>3.72</b>	<b>1.59</b>	<b>1.84</b>	<b>17</b>	<b>4.60</b>	<b>1.53</b>	<b>1.77</b>
	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
<b>SS-530</b> 	20	4 x 28	1.10
	25	5 x 30	1.20
	<b>30</b>	<b>5 x 30</b>	<b>1.30</b>
	35	5 x 30	1.40
	40	5 x 30	1.50

**Bold** = Recommended pressure