

## 30PWH

3/4" 19mm Full Circle, Aluminum Arm Impact Sprinkler

- Durable die-cast, anodized, aluminum arm
- Stainless steel springs and fulcrum pin
- Aluminum arm allows for smaller nozzles and lower pressures

### Features

- Chemically resistant washers

### Benefits

- Wide range of flow rates
- Corrosion and grit resistant
- Built to last
- Five-year Customer Satisfaction Policy

### Specifications

- Bearing: 3/4" (19mm) Male NPT, Brass
- Trajectory Angle: 27°
- Operating Range: 25-80 psi (1.7-5.5 bar)
- Flow Rate: 1.7-5.5 gpm (0.39-1.22 m<sup>3</sup>/h)
- Radius: 38-46 ft. (11.74-14.03 meters)
- Nozzle Port: 1/4" Female NPT
- Spreader Nozzle Port: 1/8" Female NPT



### Straight Bore Nozzle (SBN-3\*)

psi@ Nozzle	NOZZLE SIZE (Stream Height: 9 ft.)							
	7/64"		1/8"		9/64"		5/32"	
	Rad. (ft.)	Flow (gpm)	Rad. (ft.)	Flow (gpm)	Rad. (ft.)	Flow (gpm)	Rad. (ft.)	Flow (gpm)
25	38	1.70	39	2.30	40	2.90	41	3.50
30	39	1.90	39	2.50	40	3.20	42	3.90
35	39	2.10	40	2.70	41	3.40	43	4.20
40	39	2.20	40	2.90	41	3.60	44	4.50
45	40	2.30	41	3.10	42	3.80	44	4.70
50	40	2.40	41	3.20	42	4.00	45	5.00
55	40	2.60	42	3.40	43	4.20	45	5.20
60	41	2.70	42	3.60	43	4.40	46	5.50
65	41	2.80	43	3.70	44	4.70	-	-
70	41	2.90	43	3.80	44	4.80	-	-
75	41	3.00	43	4.00	-	-	-	-
80	42	3.10	43	4.10	-	-	-	-

### Straight Bore Nozzle (SBN-3\*)

### METRIC

bar @ Nozzle	NOZZLE SIZE (Stream Height: 2.7m)											
	2.78 mm (7/64")			3.18 mm (1/8")			3.57 mm (9/64")			3.97 mm (5/32")		
	Rad. (m)	Flow (l/s)	Flow (m <sup>3</sup> /h)	Rad. (m)	Flow (l/s)	Flow (m <sup>3</sup> /h)	Rad. (m)	Flow (l/s)	Flow (m <sup>3</sup> /h)	Rad. (m)	Flow (l/s)	Flow (m <sup>3</sup> /h)
1.7	11.7	0.11	0.39	11.9	0.15	0.52	12.2	0.18	0.66	12.5	0.22	0.79
2.0	11.9	0.12	0.42	12.0	0.16	0.56	12.3	0.20	0.71	12.9	0.24	0.87
2.5	11.9	0.13	0.48	12.2	0.17	0.62	12.5	0.22	0.78	13.3	0.27	0.97
3.0	12.1	0.14	0.52	12.5	0.19	0.69	12.8	0.24	0.85	13.5	0.29	1.05
3.5	12.2	0.15	0.55	12.7	0.20	0.73	13.0	0.25	0.92	13.7	0.32	1.14
4.0	12.4	0.17	0.60	12.9	0.22	0.80	13.2	0.27	0.98	14.0	0.34	1.22
4.5	12.5	0.18	0.64	13.1	0.23	0.84	13.4	0.30	1.07	-	-	-
5.0	12.6	0.19	0.67	13.2	0.25	0.89	-	-	-	-	-	-
5.5	12.8	0.20	0.70	13.3	0.26	0.93	-	-	-	-	-	-

\* Nozzles must be purchased separately. See chart below.

### Part Numbers and Ordering Information

Sprinkler Only	
Sprinkler without Nozzle with Plug	<b>A11355</b>

Nozzle Only			XX = NOZZLE SIZE				
			U.S. Standard	7/64"	1/8"	9/64"	5/32"
			Metric	2.78 mm	3.18 mm	3.57 mm	3.97 mm
Brass Straight Bore Nozzle	<b>SBN-3</b>	<b>105842-XX</b>	07	<b>08</b>	09	10	
Brass Straight Bore Nozzle with Vane	<b>SBN-3V</b>	<b>106131-XX</b>	07	<b>08</b>	09	10	

Bold nozzle size number denotes the most common nozzle choice.