



## 30PWH

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

Bearing: 3/4" Male NPT, Brass  
Trajectory Angle: 27°  
Operating Range: 25-80 psi 1.7-5.5 bars  
Flow Rate: 1.7-5.5 GPM 0.39-1.22 m³/h  
Radius: 38-46 ft. 11.74-14.03 meters  
Range: One 1/4" Female NPT Nozzle Port  
Spreader: One 1/8" Female NPT Spreader Nozzle Port

#### Features

- Durable die-cast, anodized, aluminum arm
- Stainless steel springs and fulcrum pin
- Chemically resistant washers
- Two-year warranty

#### Benefits

- Aluminum arm allows for smaller nozzles and lower pressures
- Wide range of flow rates
- Corrosion and grit resistant
- Built to last

## U.S. STANDARD DATA | METRIC DATA

### PERFORMANCE DATA

30PWH

#### STRAIGHT BORE NOZZLE (SBN-3\*)

(Stream Height: 9 ft.)

PSI @ Nozzle	NOZZLE SIZE US STANDARD							
	7/64"		1/8"		9/64"		5/32"	
	Rad.	GPM	Rad.	GPM	Rad.	GPM	Rad.	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\*)

(Stream Height: 2.7m)

BARS @ Nozzle	NOZZLE SIZE METRIC											
	2.78 mm (7/64")			3.18 mm (1/8")			3.57 mm (9/64")			3.97 mm (5/32")		
	Rad. (m)	Flow (lps)	Flow (m³/h)	Rad. (m)	Flow (lps)	Flow (m³/h)	Rad. (m)	Flow (lps)	Flow (m³/h)	Rad. (m)	Flow (lps)	Flow (m³/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	-	-	-	-	-	-

### 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>	<b>07</b>	<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 numbers denote the most common nozzle choices.