



30FH / 30FWH

3/4" 19mm Full Circle, Brass Impact Sprinkler

Bearing: 3/4" Male NPT, Brass

Trajectory Angle: 27°

Operating Range: 25-80 psi 1.7-5.5 bars

Flow Rate: 2.26-6.47 GPM 0.51-1.47 m³/h

Radius: 39-43 ft. 11.90-13.27 meters

One 1/4" Female NPT Nozzle Port

One 1/8" Female NPT Spreader Nozzle Port

Features

- Heavy duty brass construction
- Stainless steel springs and fulcrum pin
- Chemically resistant, Teflon™ washers
- Dual nozzle ports
- Two-year warranty

Benefits

- Teflon washers allow 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

30FH / 30FWH

STRAIGHT BORE NOZZLE (SBN-3)*

(Stream Height: 9 ft.)

PSI @ Nozzle	NOZZLE SIZE US STANDARD	
	1/8"	
	Rad.	GPM
25	39	2.26
30	39	2.48
35	40	2.68
40	40	2.86
45	41	3.03
50	41	3.20
55	42	3.35
60	44	3.50
65	43	3.65
70	43	3.78
75	43	3.91
80	43	4.04

STRAIGHT BORE NOZZLE (SBN-3)

WITH SPREADER (LAN-1-20)* (Stream Height: 9 ft.)

PSI @ Nozzle	NOZZLE SIZE US STANDARD	
	1/8" x 3/32-20"	
	Rad.	GPM
25	39	3.52
30	39	3.87
35	40	4.19
40	40	4.49
45	41	4.77
50	41	5.02
55	42	5.27
60	42	5.51
65	43	5.75
70	43	5.99
75	43	6.23
80	43	6.47

STRAIGHT BORE NOZZLE (SBN-3)*

(Stream Height: 2.7m)

BARS @ Nozzle	NOZZLE SIZE METRIC		
	3.18 mm (1/8")		
	Rad. (m)	Flow (lps)	Flow (m³/h)
1.7	11.9	0.14	0.51
2.0	12.0	0.15	0.55
2.5	12.2	0.17	0.62
3.0	12.5	0.19	0.68
3.5	12.7	0.20	0.73
4.0	12.9	0.22	0.78
4.5	13.1	0.23	0.83
5.0	13.2	0.24	0.87
5.5	13.3	0.25	0.92

STRAIGHT BORE NOZZLE (SBN-3)

WITH SPREADER (LAN-1-20)* (Stream Height: 2.7m)

BARS @ Nozzle	NOZZLE SIZE METRIC		
	3.18 mm x 2.38 mm (1/8" x 3/32") 20°		
	Rad. (m)	Flow (lps)	Flow (m³/h)
1.7	11.9	0.22	0.80
2.0	12.0	0.24	0.86
2.5	12.2	0.27	0.97
3.0	12.5	0.30	1.06
3.5	12.7	0.32	1.15
4.0	12.9	0.34	1.23
4.5	13.1	0.36	1.31
5.0	13.2	0.39	1.39
5.5	13.3	0.41	1.47

* Nozzles must be purchased separately.
See Chart below.

Part Numbers and Ordering Information

Sprinkler Only		
Sprinkler without Nozzle	30FH	A08401F
Sprinkler without Nozzle with Plug	30FWH	A08901F

Nozzle Only			XX = Nozzle Size	
U.S. Standard			3/32"	1/8"
Metric			2.38 mm	3.18 mm
Brass Straight Bore Nozzle 1/8"	SBN-3	105842-XX	—	08
Brass 20° Low Angle Nozzle 3/32°	LAN-1-20	100226-XX	06	—
Brass Plug		100255	Bold nozzle size numbers denote the most common nozzle choices	