



30H

## 30H / 30WH

### 3/4" 19 mm 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: 2.9-13.1 GPM 0.66-2.98 m<sup>3</sup>/h  
Radius: 40-56 ft. 12.20-17.23 meters  
Range: One 1/4" Female NPT Nozzle Port  
Spreader: One 1/8" Female NPT Spreader Nozzle Port

#### Features

- Heavy duty brass construction
- Stainless steel springs and fulcrum pin
- Chemically resistant washers
- Dual nozzle ports
- Two-year warranty
- 30H unit does not have a spreader plug
- 30WH unit has spreader plug

#### Benefits

- Wide range of flow rates
- Corrosion and grit resistant
- Built to last

## U.S. STANDARD DATA

### PERFORMANCE DATA

30H / 30WH

#### BRASS STRAIGHT BORE NOZZLE (SBN-3) WITH PLUG\* (Stream Height: 9 ft.)

PSI @ Nozzle	NOZZLE SIZE US STANDARD							
	9/64"		5/32"		11/64"		3/16"	
	Rad.	GPM	Rad.	GPM	Rad.	GPM	Rad.	GPM
25	40	2.90	41	3.50	41	4.30	42	5.10
30	40	3.10	42	3.90	44	4.70	45	5.60
35	41	3.40	43	4.20	45	5.10	47	6.00
40	41	3.60	44	4.50	46	5.40	48	6.40
45	42	3.80	44	4.70	46	5.70	49	6.80
50	42	4.10	45	5.00	47	6.10	50	7.20
55	43	4.20	45	5.20	48	6.30	50	7.60
60	43	4.40	46	5.50	48	6.60	51	7.90
65	44	4.60	46	5.80	49	6.90	51	8.20
70	44	4.80	47	5.90	49	7.20	52	8.50
75	45	5.00	47	6.10	50	7.40	52	8.80
80	45	5.10	48	6.30	50	7.70	53	9.10

#### BRASS STRAIGHT BORE NOZZLE (SBN-3) WITH SPREADER (LAN-1\*) (Stream Height: 9 ft.)

PSI @ Nozzle	NOZZLE SIZE US STANDARD									
	9/64" x3/32-7"		5/32" x3/32-7"		11/64" x3/32-7"		3/16" x3/32-7"		3/16" x1/8-20"	
	Rad.	GPM	Rad.	GPM	Rad.	GPM	Rad.	GPM	Rad.	GPM
25	40	4.20	41	4.80	41	5.60	42	6.40	42	7.40
30	40	4.60	42	5.30	44	6.10	45	7.00	45	8.10
35	41	4.90	43	5.70	45	6.60	47	7.50	47	8.70
40	41	5.20	44	6.10	46	7.00	48	8.10	48	9.30
45	42	5.60	44	6.50	46	7.40	48	8.50	49	9.90
50	42	5.90	45	6.80	47	7.90	<b>50</b>	<b>9.00</b>	50	10.40
55	43	6.10	45	7.10	48	8.20	50	9.40	50	10.90
60	43	6.40	46	7.40	48	8.60	51	9.90	51	11.40
65	44	6.70	46	7.80	49	8.90	51	10.20	51	11.80
70	44	6.90	47	8.10	49	9.30	52	10.70	52	12.30
75	45	7.20	47	8.30	50	9.60	52	11.00	52	12.70
80	45	7.50	48	8.70	50	10.00	53	11.50	53	13.10

#### BRASS STRAIGHT BORE NOZZLE with VANE (SBN-3V) WITH PLUG\* (Stream Height: 10 ft.)

PSI @ Nozzle	NOZZLE SIZE US STANDARD							
	9/64"		5/32"		11/64"		3/16"	
	Rad.	GPM	Rad.	GPM	Rad.	GPM	Rad.	GPM
25	42	2.90	44	3.50	45	4.30	48	5.10
30	43	3.10	45	3.90	46	4.70	47	5.60
35	44	3.40	46	4.20	47	5.10	49	6.00
40	45	3.60	47	4.50	48	5.40	50	6.40
45	46	3.80	48	4.70	49	5.70	52	6.80
50	46	4.10	49	5.00	50	6.10	53	7.20
55	47	4.20	50	5.20	51	6.30	53	7.60
60	47	4.40	50	5.50	51	6.60	54	7.90
65	48	4.60	51	5.80	52	6.90	55	8.20
70	48	4.80	51	5.90	53	7.20	55	8.50
75	49	5.00	52	6.10	54	7.40	56	8.80
80	50	5.10	52	6.30	55	7.70	56	9.10

#### BRASS STRAIGHT BORE NOZZLE with VANE (SBN-3V) WITH SPREADER (LAN-1\*) (Stream Height: 10 ft.)

PSI @ Nozzle	NOZZLE SIZE US STANDARD									
	9/64" x3/32-7"		5/32" x3/32-7"		11/64" x3/32-7"		3/16" x3/32-7"		3/16" x1/8-20"	
	Rad.	GPM	Rad.	GPM	Rad.	GPM	Rad.	GPM	Rad.	GPM
25	42	4.20	44	4.80	45	5.60	45	6.40	46	7.40
30	43	4.60	45	5.30	46	6.10	47	7.00	47	8.10
35	44	4.90	46	5.70	47	6.60	49	7.50	49	8.70
40	45	5.20	47	6.10	48	7.00	50	8.10	50	9.30
45	46	5.60	48	6.50	49	7.40	52	8.50	52	9.90
50	46	5.90	49	6.80	50	7.90	53	9.00	53	10.40
55	47	6.10	50	7.10	51	8.20	54	9.40	54	10.90
60	47	6.40	50	7.40	51	8.60	54	9.90	54	11.40
65	48	6.70	51	7.80	52	8.90	55	10.20	55	11.80
70	48	6.90	51	8.10	53	9.30	55	10.70	55	12.30
75	49	7.20	52	8.30	54	9.60	56	11.00	56	12.70
80	50	7.50	52	8.70	55	10.00	56	11.50	56	13.10

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

## Part Numbers and Ordering Information

Sprinkler Only		
U.S. Standard		
Sprinkler Without Nozzle, Without Plug	<b>30H</b>	<b>A08401</b>
Sprinkler without Nozzle, With Plug	<b>30WH</b>	<b>A08411</b>

Nozzle Only	U.S. Standard	XX = Nozzle Size	XX = Nozzle Size							
			3/32"	7/64"	1/8"	9/64"	5/32"	11/64"	3/16"	
Brass Straight Bore Nozzle	<b>SBN-3</b>	<b>105842-XX</b>	–	–	–	09	10	<b>11</b>	12	
Brass Straight Bore Nozzle with Vane	<b>SBN-3V</b>	<b>106131-XX</b>	–	–	–	09	10	<b>11</b>	12	
Brass 7° Low Angle Spreader	<b>LAN-1-7</b>	<b>100225-XX</b>	<b>06</b>	07	08	09	10	–	–	
Brass 20° Low Angle Spreader	<b>LAN-1-20</b>	<b>100226-XX</b>	06	07	<b>08</b>	09	10	–	–	
<b>Brass Plug</b>		<b>100255</b>	Bold nozzle size numbers denote the most common nozzle choices.							