



## PERFORMANCE DATA

L20VH

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#### 1/2" Full Circle, Brass, Wedge Drive Impact Sprinkler

Bearing: 1/2" Male NPT, Brass  
 Trajectory Angle: 10°  
 Operating Range: 25-80 psi  
 Flow Rate: .56-2.98 GPM  
 Radius: 22-32 ft.

#### FEATURES

- Patented, self-flushing wedge drive
- Durable brass die-cast arm
- Stainless steel springs and fulcrum pin
- Chemically resistant washers
- Two-year warranty

#### BENEFITS

- Wedge drive runs on smaller nozzles and lower pressures
- Self-flushing design reduces wear from grit
- Corrosion and grit resistant
- Built to last

#### Straight Bore Nozzle (SBN-1) (Stream Height: 2.5 ft.)

PSI @ Nozzle	NOZZLE SIZE									
	1/16"		5/64"		44 DRILL		3/32"		7/64"	
	Rad.	GPM	Rad.	GPM	Rad.	GPM	Rad.	GPM	Rad.	GPM
25	23	0.56	25	0.88	26	1.07	26	1.27	27	1.73
30	24	0.62	26	0.97	27	1.17	27	1.39	28	1.90
35	25	0.66	27	1.05	28	1.27	28	1.50	29	2.05
40	25	0.72	27	1.12	28	1.36	29	1.61	30	2.19
45	26	0.75	28	1.19	29	1.44	30	1.71	31	2.32
50	27	0.80	29	1.25	30	1.51	31	1.80	32	2.45

#### Off Axis Low Pressure Nozzle (LP-1-3) Down (Stream Height: 2 ft.)

PSI @ Nozzle	NOZZLE SIZE					
	5/64"		3/32"		7/64"	
	Rad.	GPM	Rad.	GPM	Rad.	GPM
25	22	0.90	23	1.32	24	1.81
30	23	0.98	24	1.45	25	1.98
35	24	1.06	25	1.57	26	2.14
40	24	1.13	26	1.67	27	2.28
45	25	1.20	27	1.78	27	2.42
50	26	1.27	27	1.87	28	2.55

#### Low Pressure Nozzle (LPN-1) (Stream Height: 2.5 ft.)

PSI @ Nozzle	NOZZLE SIZE											
	50 DRILL		5/64"		44 DRILL		3/32"		7/64"		1/8"	
	Rad.	GPM	Rad.	GPM	Rad.	GPM	Rad.	GPM	Rad.	GPM	Rad.	GPM
25	23	0.71	24	0.90	25	1.11	25	1.32	26	1.81	26	2.36
30	24	0.77	25	0.98	26	1.21	26	1.45	27	1.98	28	2.58
35	24	0.84	26	1.06	27	1.31	27	1.57	28	2.14	29	2.79
40	25	0.90	27	1.13	28	1.41	27	1.67	29	2.28	29	2.98
45	26	0.95	27	1.20	28	1.49	28	1.78	30	2.42	-	-
50	26	1.00	28	1.27	29	1.56	30	1.87	30	2.55	-	-

#### Rain Flow Nozzle (RFN-1)

BASE PRESSURE PSI	RADIUS			
	1.0 GPM	1.5 GPM	2.0 GPM	2.5 GPM
30	26	27	28	-
40	27	29	29	-
50	27	30	31	31
60	28	30	31	32
70	-	31	32	32
80	-	31	32	32

## PART NUMBERS AND ORDERING INFORMATION

Ordering Example	MAKE YOUR SPRINKLER CHOICE FROM CHART 1	CHOOSE NOZZLE SIZE (S) FROM CHART 2	ADD THEM TOGETHER TO CREATE THE PART NUMBER
To order an L20VH sprinkler with an RFN-1 1.5 GPM Rain Flow Nozzle the part number would be:	<b>A06243-</b>	<b>01-50</b>	<b>A06243-01-50</b>

Chart 1	PART NUMBER: FIRST HALF
<b>SPRINKLER ONLY</b>	
Sprinkler without Nozzle	<b>A06240</b>
<b>SPRINKLER WITH SINGLE NOZZLE INSTALLED</b>	
Sprinkler with SBN-1	<b>A06241-</b>
Sprinkler with LPN-1	<b>A06242-</b>
Sprinkler with RFN-1	<b>A06243-</b>
Sprinkler with LP-1-3 (Down)	<b>A06244-</b>
Sprinkler with OAN-1-3 (Down)	<b>A06245-</b>
Sprinkler with LP-1-3 (Up)	<b>A06246-</b>
Sprinkler with PQFN-1	<b>A06247-</b>

Chart 2	PART NUMBER: SECOND HALF						
NOZZLE	1/16"	50 DRILL	5/64"	44 DRILL	3/32"	7/64"	1/8"
Brass Straight Bore Nozzle (105780-) SBN-1	<b>04</b>	<b>50</b>	<b>05</b>	<b>44</b>	<b>06</b>	<b>07</b>	-
Brass Low Pressure Nozzle (104571-) LPN-1	-	<b>50</b>	<b>05</b>	<b>44</b>	<b>06</b>	<b>07</b>	<b>08</b>
Brass 3" Off Axis Low Pressure Nozzle (104572-) LP-1-3	-	-	<b>05</b>	-	<b>06</b>	<b>07</b>	-
Brass 3" Off Axis Nozzle (106171-) OAN-1-3	<b>04</b>	<b>50</b>	<b>05</b>	<b>44</b>	<b>06</b>	<b>07</b>	-
Plastic Straight Bore Quick-Fit Nozzle (117324-) PQFN-1	<b>04</b>	<b>50</b>	<b>05</b>	-	<b>06</b>	<b>07</b>	-
<b>RAIN FLOW NOZZLE</b>	<b>1.0 GPM</b>		<b>1.5 GPM</b>		<b>2.0 GPM</b>		<b>2.5 GPM</b>
Brass Rain Flow Nozzle (111088-) RFN-1	<b>01-00</b>		<b>01-50</b>		<b>02-00</b>		<b>02-50</b>

Bold nozzle size numbers denote the most common nozzle choices.