

Technical Data

Rain Bird > Sprays Nozzles

> HE-VAN Series Nozzles



DESCRIPTION:

Features

- HE-VAN's even coverage allows you to shorten run times by up to 35%, saving you water and money, while still maintaining a healthy lawn; HE-VAN has more than a 40 percent even-coverage improvement over existing variable arc nozzles
- HE-VAN nozzles have a unique stream pattern, designed for superior coverage and wind resistance; low-trajectory spray and large water droplets prevent misting and airborne evaporation so the right amount of water is delivered to the right place; gentle close-in watering eliminates dry-spots around the spray head
- HE-VAN nozzles throw to the exact specified radius, delivering the cleanest edge of any VAN on the market today
- Reduced zone run times, compared to competitive nozzles, help stay within tight watering windows, conserve water, and save money
- With full adjustability from 0° to 360°, you'll be able to efficiently water landscapes of all shapes, while saving time and stocking fewer nozzles
- Matched precipitation rates allow you to install Rain Bird HE-VAN, MPR and U-Series nozzles on the same zone
- HE-VAN nozzles have a tactile click to keep the arc setting from drifting over time
- Three year trade warranty

Range operativo

- Spacing: $1,8 \div 4,6$ m
- Pressure: $1,0 \div 2,1$ bar
- Optimum pressure: 2,1 bar

Type	Code	Model		Box
8 HE-VAN	U346	0-360°	24° green	25
10 HE-VAN	U347	0-360°	27° blue	25
12 HE-VAN	U348	0-360°	23° brown	25
15 HE-VAN	U349	0-360°	25° black	25

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PERFORMANCE NOZZLES HE-VAN

Nozzle coverage	Press. bar	HE-VAN 8 - green - trajectory 24°						HE-VAN 10 - blue - trajectory 27°					
		Radius mt	Flow rate		Precipit. mm/h		▲	Radius mt	Flow rate		Precipit. mm/h		▲
			m³/h	l/min	■	▲			m³/h	l/min	■	▲	
	360° 1,0	1,5	0,19	3,1	82	95		2,1	0,29	4,8	64	74	
	360° 1,5	1,8	0,22	3,6	66	76		2,4	0,34	5,5	56	65	
	360° 2,0	2,1	0,25	4,1	54	62		2,7	0,37	6,2	50	57	
	360° 2,1	2,4	0,27	4,4	45	52		3,1	0,41	6,8	44	51	
	270° 1,0	1,5	0,14	2,4	82	95		2,1	0,22	3,6	64	74	
	270° 1,5	1,8	0,16	2,7	66	76		2,4	0,25	4,1	56	65	
	270° 2,0	2,1	0,18	3,0	54	62		2,7	0,28	4,6	50	57	
	270° 2,1	2,4	0,20	3,3	45	52		3,1	0,31	5,1	44	51	
	180° 1,0	1,5	0,10	1,6	82	95		2,1	0,15	2,4	64	74	
	180° 1,5	1,8	0,11	1,8	66	76		2,4	0,17	2,8	56	65	
	180° 2,0	2,1	0,12	2,0	54	62		2,7	0,19	3,1	50	57	
	180° 2,1	2,4	0,13	2,2	45	52		3,1	0,21	3,4	44	51	
	90° 1,0	1,5	0,05	0,8	82	95		2,1	0,07	1,2	64	74	
	90° 1,5	1,8	0,05	0,9	66	76		2,4	0,08	1,4	56	65	
	90° 2,0	2,1	0,06	1,0	54	62		2,7	0,09	1,5	50	57	
	90° 2,1	2,4	0,07	1,1	45	52		3,1	0,10	1,7	44	51	

PERFORMANCE NOZZLES HE-VAN

Nozzle coverage	Press. bar	HE-VAN 12 - brown - trajectory 23°						HE-VAN 15 - black - trajectory 25°					
		Radius mt	Flow rate		Precipit. mm/h		▲	Radius mt	Flow rate		Precipit. mm/h		▲
			m³/h	l/min	■	▲			m³/h	l/min	■	▲	
	360° 1,0	2,7	0,38	6,3	51	58		3,4	0,59	9,9	53	61	
	360° 1,5	3,0	0,44	7,3	47	55		3,7	0,69	11,4	51	59	
	360° 2,0	3,4	0,49	8,2	44	50		4,3	0,77	12,8	42	49	
	360° 2,1	3,7	0,54	9,0	40	46		4,6	0,84	14,0	40	47	
	270° 1,0	2,7	0,28	4,8	51	58		3,4	0,45	7,4	53	61	
	270° 1,5	3,0	0,33	5,5	47	55		3,7	0,51	8,6	51	59	
	270° 2,0	3,4	0,37	6,2	44	50		4,3	0,58	9,6	42	49	
	270° 2,1	3,7	0,40	6,7	40	46		4,6	0,63	10,5	40	47	
	180° 1,0	2,7	0,19	3,2	51	58		3,4	0,30	5,0	53	61	
	180° 1,5	3,0	0,22	3,7	47	55		3,7	0,34	5,7	51	59	
	180° 2,0	3,4	0,25	4,1	44	50		4,3	0,38	6,4	42	49	
	180° 2,1	3,7	0,27	4,5	40	46		4,6	0,42	7,0	40	47	
	90° 1,0	2,7	0,09	1,6	51	58		3,4	0,15	2,5	53	61	
	90° 1,5	3,0	0,11	1,8	47	55		3,7	0,17	2,9	51	59	
	90° 2,0	3,4	0,12	2,0	44	50		4,3	0,19	3,2	42	49	
	90° 2,1	3,7	0,13	2,2	40	46		4,6	0,21	3,5	40	47	

0 to 360 degree adjustable arc collar



Stainless steel adjustment screw to adjust flow and radius, up to a 25% reduction in radius



Landscape

Note: all nozzles tested on 10 cm pop-ups

Square and triangular spacing based on 50% diameter of throw

Performance data taken in zero wind conditions

Note: radius reduction over 25% of the normal throw of the nozzle is not recommended