

Rivulis S5000 Plastic Impact Sprinkler



Operating guidelines and configuration

Low angle

Operating pressure range: 2,0-4,0 bar

Nozzle angles: 9°, 12° and 14° with one nozzle

Nozzle sizes: 2,5, 2,9 and 3,2 mm

Flow rate at 2,5 bar: 375-637 l/h

Wetting diameter: 16,5-18,5 m

High angle

Operating pressure range: 2,0-4,0 bar

Nozzle angle: 24° angle with one or two nozzles

Nozzle sizes: 2,3, 2,6, 2,9 and 3,2 mm

Flow rate at 2,5 bar: 390-806 l/h

Wetting diameter: 19-22,5 m

The Rivulis S5000 Plastic Impact Sprinklers are engineered to work in a variety of applications including fields using overhead, full-cover irrigation and orchards using under the canopy irrigation. The Rivulis S5000 Plastic Impact Sprinkler is a well balanced sprinkler that provides an even distribution of water.

The Rivulis S5000 impact sprinkler is designed with a non-corrosive body with a stainless steel spring for durability, a green cover for protection against sand and dirt, and bayonet nozzles for easy field maintenance or replacement of parts. The sprinklers are available with either one or two nozzles and outfitted with a 1/2" male threaded connection.

Applications:

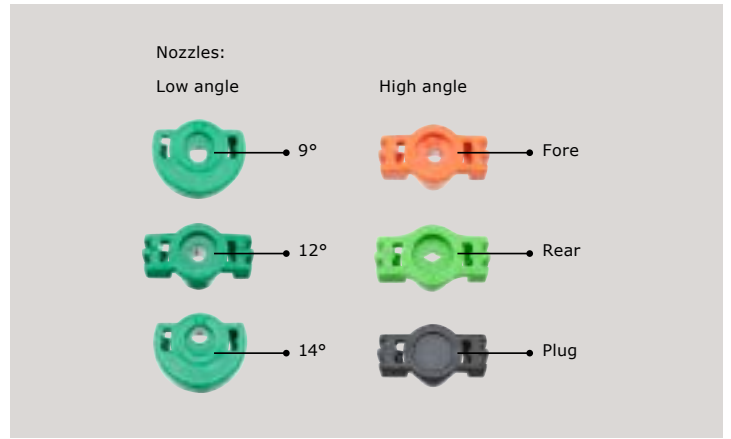
Low angle: Orchards (under tree irrigation) and shade houses

High angle: Open fields (overhead irrigation) and germination of vegetables, flowers, and nursery crops

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Irrigation

Rivulis S5000 Plastic Impact Sprinkler



Rivulis S5000 Plastic Impact Sprinkler - Low angle - Performance data

Nozzle color & size (mm)	Pressure (bar)	Low angle 9°		Low angle 12°		Low angle 14°	
		Flow rate (l/h)	Wetting diameter* (m)	Flow rate (l/h)	Wetting diameter* (m)	Flow rate (l/h)	Wetting diameter* (m)
Violet 2,5	2	335	16	364	16	339	16,5
	2,5	375	17	408	17	379	17
	3	414	17,5	451	17,5	419	17
	3,5	447	18	485	18	451	17,5
	4	476	18,5	516	19	481	18
Orange 2,9	2	435	16,5	454	17	437	16,5
	2,5	485	17,5	507	18	488	17,5
	3	535	17,5	559	18,5	539	18,5
	3,5	577	18,5	603	19	582	18,5
	4	620	18,5	646	19	625	19
Green 3,2	2	571	15,5	580	16	565	17
	2,5	635	16,5	637	17,5	629	18,5
	3	693	17	693	18,5	686	18,5
	3,5	746	18	745	19,5	739	18,5
	4	801	19	799	20	793	19

* At 70 cm above ground level

Rivulis S5000 Plastic Impact Sprinkler - High angle - Performance data

Nozzle color & size (mm)	Pressure (bar)	Flow rate (l/h)	Wetting diameter Flow rate (m)*	
Yellow 2,6 X Plug	2	354	19,5	
	2,5	390	19,5	
	3	430	19,5	
	3,5	460	19	
	4	497	18,5	
Orange 2,9 X Plug	2	455	22	
	2,5	502	22,5	
	3	555	22,5	
	3,5	595	23	
	4	644	22,5	
Gray 2,3	2	459	22	
X Light green 1,8	2,5	509	22	
	3	556	22	
	3,5	598	22	
	4	637	22	
	Yellow 2,6	2	507	19
X Light green 1,8		2,5	564	19
		3	616	18,5
		3,5	664	19
Orange 2,9		4	710	18,5
	2	606	21,5	
	X Light green 1,8	2,5	676	21,5
		3	739	22
		3,5	798	21,5
Green 3,2	4	853	22	
	2	716	22	
	X Light green 1,8	2,5	806	22,5
		3	887	23
		3,5	951	23,5
4	1028	24		

* At 75 cm above ground level

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