



S5000 & S6000 Impact Sprinklers



The Better Alternative

Rivulis S5000 & S6000 Plastic Impact Sprinklers

- Better Product Design
- High Quality Movement
- Extra Durability

Better: Product Design

There are numerous impact sprinklers, but there is one that sets itself apart. You see it in the details, such as the stainless steel spring, the high quality movement and the balanced mechanism.

Rivulis S5000 & S6000 impact sprinklers that are a cut above the rest.



Rivulis Sprinklers to meet your unique needs



S5000
Low Angle

9°, 12° And 14° Trajectory
Options For Under Tree / Cover Applications



S5000
High Angle

24° Trajectory With Optional Second Nozzle
For Open Field Applications



S5000
Partial Circle

Configurable Wetting Pattern For Reduced Radius Applications



S6000
High Angle

3/4" Base For High Flow Applications

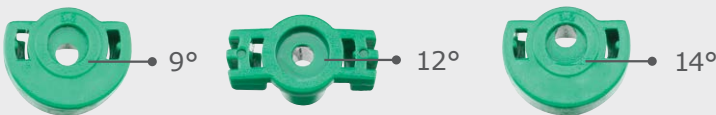


S6000
Partial Circle

Configurable Wetting Pattern For Reduced Radius High Flow Applications

Nozzles

Low Angle S5000



High Angle S5000



High Angle S6000



Performance Data



Rivulis S5000 Low Angle

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)	2.0	335	16.0	364	16.0	339	16.5
	2.5	375	17.0	408	17.0	379	17.0
	3.0	414	17.5	451	17.5	419	17.0
	3.5	447	18.0	485	18.0	451	17.5
	4.0	476	18.5	516	19.0	481	18.0
Orange (2.9)	2.0	435	16.5	454	17.0	437	16.5
	2.5	485	17.5	507	18.0	488	17.5
	3.0	535	17.5	559	18.5	539	18.5
	3.5	577	18.5	603	19.0	582	18.5
	4.0	620	18.5	646	19.0	625	19.0
Green (3.2)	2.0	571	15.5	580	16.0	565	17.0
	2.5	635	16.5	637	17.5	629	18.5
	3.0	693	17.0	693	18.5	686	18.5
	3.5	746	18.0	745	19.5	739	18.5
	4.0	801	19.0	799	20.0	793	19.0

* at 70 cm above ground level



Rivulis S5000 High Angle

Single Nozzle Configurations			
Nozzle Color & Size (mm)	Pressure (bar)	Flow Rate (l/h)	Wetting Diameter* (m)
Yellow (2.6) X Plug	2.0	354	19.5
	2.5	390	19.5
	3.0	430	19.5
	3.5	460	19.0
	4.0	497	18.5
Orange (2.9) X Plug	2.0	455	22.0
	2.5	502	22.5
	3.0	555	22.5
	3.5	595	23.0
	4.0	644	22.5
Green (3.2) x Plug	2.0	566	22.5
	2.5	625	23.5
	3.0	691	24.0
	3.5	741	24.0
	4.0	802	24.0
Blue (3.5) x Plug	2.0	692	22.0
	2.5	774	22.0
	3.0	848	22.0
	3.5	916	22.0
	4.0	979	22.0
Black (4.0) x Plug	2.0	860	23.0
	2.5	955	23.0
	3.0	1038	23.5
	3.5	1119	23.5
	4.0	1189	23.5

Two Nozzle Configurations			
Nozzle Color & Size (mm)	Pressure (bar)	Flow Rate (l/h)	Wetting Diameter* (m)
Gray (2.3) X Light green (1.8)	2.0	459	22.0
	2.5	509	22.0
	3.0	556	22.0
	3.5	598	22.0
	4.0	637	22.0
Yellow (2.6) X Light green (1.8)	2.0	507	19.0
	2.5	564	19.0
	3.0	616	18.5
	3.5	664	19.0
	4.0	710	18.5
Orange (2.9) X Light green (1.8)	2.0	606	21.5
	2.5	676	21.5
	3.0	739	22.0
	3.5	798	21.5
	4.0	853	22.0
Green (3.2) X Light green (1.8)	2.0	716	22.0
	2.5	806	22.5
	3.0	887	23.0
	3.5	951	23.5
	4.0	1028	24.0
Blue (3.5) X Yellow (2.5)	2.0	1032	20.5
	2.5	1147	20.5
	3.0	1260	20.5
	3.5	1354	21.0
	4.0	1452	21.5
Black (4.0) X Yellow (2.5)	2.0	1140	23.0
	2.5	1286	23.5
	3.0	1416	24.5
	3.5	1527	24.5
	4.0	1658	25.0

* at 70 cm above ground level



Rivulis S5000 Partial Circle

Nozzle Color & Size	Pressure	Flow Rate	Wetting Diameter*
(mm)	(bar)	(l/h)	(m)
Violet (2.5)	2.0	364	21.0
	2.5	407	22.0
	3.0	446	21.6
	3.5	481	22.6
	4.0	514	22.6
Orange (2.9)	2.0	456	23.0
	2.5	509	23.0
	3.0	559	23.0
	3.5	604	23.0
Green (3.2)	2.0	563	22.0
	2.5	630	23.0
	3.0	694	23.0
	3.5	748	23.5
Blue (3.5)	2.0	701	21.5
	2.5	786	21.5
	3.0	859	21.5
	3.5	923	21.5
	4.0	982	21.0

* at 75 cm above ground level



Rivulis S6000 High Flow

Nozzle Color & Size	Pressure	Flow Rate	Wetting Diameter**
Two nozzle sprinklers			
(mm)	(bar)	(l/h)	(m)
Blue (3.57) x Yellow (2.38)	2.0	990	23.0
	3.0	1,200	24.5
	4.0	1,380	24.0
Green (3.96) x Yellow (2.38)	2.0	1,140	23.0
	3.0	1,420	24.0
	4.0	1,650	25.0
Grey (4.36) x Yellow (2.38)	2.0	1,300	24.0
	3.0	1,600	26.0
	4.0	1,860	26.0
Yellow (4.76) x Black (3.17)	2.0	1,800	25.5
	3.0	2,215	27.0
	4.0	2,515	29.0
Black (5.15) x Black (3.17)	2.0	1,920	26.0
	3.0	2,380	28.0
	4.0	2,755	30.0
Orange (5.5) X Black (3.17)	2.0	2,108	28.0
	3.0	2,599	27.5
	4.0	2,993	29.0

** at 75 cm above ground level



Rivulis S6000 High Flow Partial Circle

Nozzle Color & Size	Pressure	Flow Rate	Wetting Diameter*
Two nozzle sprinklers			
(mm)	(bar)	(l/h)	(m)
Green (3.96) x Yellow (2.38)	2.0	1138	25.5
	3.0	1405	26.0
	4.0	1647	27.5
Grey (4.36) x Yellow (2.38)	2.0	1304	26.5
	3.0	1611	28.5
	4.0	1866	30.0
Yellow (4.76) x Plug	2.0	1136	27.0
	3.0	1410	29.5
	4.0	1700	31.0
Yellow (4.76) x Black (3.17)	2.0	1699	27.0
	3.0	2116	29.5
	4.0	2449	31.0
Black (5.15) x Black (3.17)	2.0	1863	28.0
	3.0	2309	30.0
	4.0	2648	32.0

* at 75 cm above ground level

Rivulis S5000 CU Tables

CU<85%

88%>CU>85%

92%>CU>88%

CU>92%

Description	Pressure (bar)	Flow Rate (lph)	Wetted Diameter (75 cm height)	Av. Application Rate (mm/h)				
				9x9	9x10	10x10	10x12	12x12
One nozzle sprinklers								
S5000 Plastic Impact Sprinkler, High Angle, 24°, 2.6 mm Yellow X Plug, 390 l/h	2.0	354	19.5	4.37	3.93	3.54	2.95	2.46
	2.5	390	19.5	4.81	4.33	3.9	3.25	2.71
	3.0	430	19.5	5.31	4.78	4.3	3.58	2.99
	3.5	460	19.0	5.68	5.11	4.6	3.83	3.19
	4.0	497	18.5	6.14	5.52	4.97	4.14	3.45
S5000 Plastic Impact Sprinkler, High Angle, 24°, 2.9 mm Orange X Plug, 502 l/h	2.0	455	22.0	5.62	5.06	4.55	3.97	3.16
	2.5	502	22.5	6.2	5.58	5.02	4.18	3.49
	3.0	555	22.5	6.85	6.17	5.55	4.63	3.85
	3.5	595	23.0	7.35	6.61	5.95	4.96	4.13
	4.0	644	22.5	7.95	7.16	6.44	5.37	4.47
S5000 Plastic Impact Sprinkler, High Angle, 24°, 3.2 mm Green X Plug, 625 l/h	2.0	566	22.5	6.86	6.1	5.56	4.63	3.86
	2.5	625	23.5	8.05	7.24	6.52	5.43	4.53
	3.0	691	24	8.53	7.68	6.91	5.76	4.8
	3.5	741	24	9.15	8.23	7.41	6.18	5.15
	4.0	802	24	9.9	8.91	8.02	6.68	5.57
S5000 Plastic Impact Sprinkler, High Angle, 24°, 3.5 mm Blue X Plug, 774 l/h	2.0	692	22	9.3	8.3	7.4	6.2	5.2
	2.5	774	22	10.4	9.3	8.3	7.0	5.8
	3.0	848	22	11.1	9.9	8.9	7.4	6.2
	3.5	916	22	11.0	9.8	8.8	7.4	6.2
	4.0	979	22	13.6	12.1	10.9	9.1	7.6
S5000 Plastic Impact Sprinkler, High Angle, 24°, 4.0 mm Black X Plug, 1038 l/h	2.0	860	23	12.1	10.8	9.7	8.0	6.6
	2.5	955	23.0					
	3.0	1038	23.5	19.3	17.3	15.5	12.9	10.7
	3.5	1119	23.5					
	4.0	1189	23.5	19.9	17.6	15.8	13.2	11.0
Two nozzle sprinklers								
S5000 Plastic Impact Sprinkler, High Angle, 24°, 2.3 mm Gray X 1.8 mm Light Green, 509 l/h	2.0	459	22.0	5.67	5.10	4.59	3.83	3.19
	2.5	509	22.0	6.28	5.66	5.09	4.24	3.53
	3.0	556	22.0	6.86	6.18	5.56	4.63	3.86
	3.5	598	22.0	7.38	6.64	5.98	4.98	4.15
	4.0	637	22.0	7.86	7.08	6.37	5.31	4.42
S5000 Plastic Impact Sprinkler, High Angle, 24°, 2.6 mm Yellow X 1.8 mm Light Green, 564 l/h	2.0	507	19.0	6.26	5.63	5.07	4.23	3.52
	2.5	564	19.0	6.96	6.27	5.64	4.7	3.92
	3.0	616	18.5	7.6	6.84	6.16	5.13	4.28
	3.5	664	19.0	8.2	7.38	6.64	5.53	4.61
	4.0	710	18.5	8.77	7.89	7.1	5.92	4.93
S5000 Plastic Impact Sprinkler, High Angle, 24°, 2.9 mm Orange X 1.8 mm Light Green, 676 l/h	2.0	606	21.5	7.48	6.73	6.06	5.05	4.21
	2.5	676	21.5	8.35	7.51	6.76	5.63	4.69
	3.0	739	22.0	9.12	8.21	7.39	6.16	5.13
	3.5	798	21.5	9.85	8.87	7.98	6.65	5.54
	4.0	853	22.0	10.53	9.48	8.3	7.11	5.92
S5000 Plastic Impact Sprinkler, High Angle, 24°, 3.2 mm Green X 1.8 mm Light Green, 806 l/h	2.0	716	22.0	8.84	7.96	7.16	5.97	4.97
	2.5	806	22.5	9.95	8.96	8.06	6.72	5.6
	3.0	887	23.0	10.95	9.86	8.87	7.39	6.16
	3.5	951	23.5	11.74	10.57	9.51	7.93	6.6
	4.0	1028	24.0	12.69	11.42	10.28	8.57	7.14
S5000 Plastic Impact Sprinkler, High Angle, 24°, 3.5 mm Blue X 2.5 mm Yellow, 1147 l/h	2.0	1032	20.5	13.4	11.9	10.7	9.0	7.5
	2.5	1147	20.5	14.6	13.0	11.7	9.8	8.2
	3.0	1260	20.5	16.2	14.5	13.0	10.9	9.1
	3.5	1354	21.0	16.5	14.7	13.3	11.1	9.3
	4.0	1452	21.5	19.5	17.4	15.7	13.1	10.9
S5000 Plastic Impact Sprinkler, High Angle, 24°, 4.0 mm Black X 2.5 mm Yellow, 1286 l/h	2.0	1140	23.0	18.2	16.3	14.7	12.2	10.1
	2.5	1286	23.5	20.3	18.2	16.4	13.6	11.3
	3.0	1416	24.5	20.4	18.3	16.4	13.7	11.4
	3.5	1527	24.5	29.6	26.5	23.8	19.9	16.6
	4.0	1658	25.0	28.6	27.1	23.1	19.3	16.0

Rivulis S6000 CU Tables

Description	Pressure (bar)	Flow rate (lph)	Wetted diameter (75 cm height)	Av. Application rate (mm/h)							
				12X12	12X15	15x15	12x16	15x16	12X18	15x18	18X18
S6000 Plastic Impact Sprinkler, High Angle, 23°, 3.57 mm Blue X 2.38 mm Yellow, 1200 l/h	2.0	990	23.0	5.9	4.7	3.8	4.4	3.5	3.9	3.1	2.6
	3.0	1,200	24.5	7.3	5.8	4.6	5.4	4.3	4.8	3.9	3.2
	4.0	1,380	24.0	8.1	6.5	5.2	6.1	4.9	5.4	4.3	3.6
S6000 Plastic Impact Sprinkler, High Angle, 23°, 3.96 mm Green X 2.38 mm Yellow, 1420 l/h	2.0	1,140	23.0	6.8	5.5	4.4	5.1	4.1	4.5	3.6	3.0
	3.0	1,420	24.0	8.7	7.0	5.6	6.5	5.2	5.8	4.6	3.9
	4.0	1,650	25.0	10.0	7.7	6.1	7.2	5.8	6.4	5.2	4.3
S6000 Plastic Impact Sprinkler, High Angle, 23°, 4.36 mm Grey X 2.38 mm Yellow, 1600 l/h	2.0	1,300	24.0	8.7	6.9	5.5	6.5	5.2	5.8	4.6	3.8
	3.0	1,600	26.0	10.3	8.2	6.6	7.7	6.2	6.8	5.5	4.6
	4.0	1,860	26.0	12.5	10.0	8.0	9.4	7.5	8.4	6.7	5.6
S6000 Plastic Impact Sprinkler, High Angle, 23°, 4.76 mm Yellow X 3.17 mm Black, 2215 l/h	2.0	1,800	25.5	19.2	15.4	12.3	14.4	11.5	12.8	10.2	8.5
	3.0	2,215	27.0	21.9	17.5	14.0	16.4	13.1	14.6	11.7	9.7
	4.0	2,515	29.0	24.5	19.6	15.7	18.4	14.7	16.3	13.1	10.9
S6000 Plastic Impact Sprinkler, High Angle, 23°, 5.15 mm Black X 3.17 mm Black, 2380 l/h	2.0	1,920	26.0	19.8	15.8	12.7	14.9	11.9	13.2	10.6	8.8
	3.0	2,380	28.0	23.5	18.8	15.0	17.6	14.1	15.7	12.5	10.4
	4.0	2,755	30.0	23.0	18.4	14.7	17.3	13.8	15.4	12.3	10.2
S6000 Plastic Impact Sprinkler, High Angle, 23°, 5.5 mm Orange X 3.17 mm Black, 2599 l/h	2.0	2,108	28.0	20.7	16.5	13.2	15.5	12.4	13.8	11.0	9.2
	3.0	2,599	27.5	22.1	17.7	14.1	16.6	13.3	14.7	11.8	9.8
	4.0	2,993	29.0	20.7	16.6	13.3	15.5	12.4	13.8	11.1	9.2



Accessories

For the perfect fit, a wide range of connectors and tube and accessories are available, from tightening spanners, to hose and connector assemblies for easy installation.

Rivulis S5000 & S6000 Accessories
S5000 Socket 1/2" x 1/2" BSP
S5000 Socket 1/2" x 3/4" BSP
S6000 Socket 3/4" x 3/4" BSP
S5000 Spanner
S6000 Spanner
Hose and Tubing



S5000 & S6000 Impact Sprinklers



Rivulis S5000 & S6000 Plastic Impact Sprinklers

Model	S5000 Low Angle	S5000 High Angle	S5000 Partial Circle	S6000 High Flow	S6000 High Flow Partial Circle
Application	Orchards (under tree irrigation) and shade houses	Open fields (overhead irrigation) and germination of vegetables, flowers, and nursery crops			
Base	1/2" BSP male threaded			3/4" BSP male threaded	
Angle trajectory options	9°, 12°, 14°	24°	25°	23°	23°
Wetting diameter (m) at 75 cm above ground	16.5 – 18.5 (2.5 bar pressure)	19.0 – 23.5 (2.5 bar pressure)	21.5 – 23.0 (2.5 bar pressure)	24.0 – 28.0 (3.0 bar pressure)	26.0 - 30.0 (3.0 bar pressure)
Flow Rate (l/h)	375 – 637 (2.5 bar pressure)	390 – 1,286 (2.5 bar pressure)	407 – 786 (2.5 bar pressure)	1,200 – 2,599 (3.0 bar pressure)	1,405 - 2,309 (3.0 bar pressure)
Nozzles	1	1 or 2	1	2	1 or 2
Nozzle sizes (mm)	2.5, 2.9, 3.2	2.3, 2.6, 2.9, 3.2, 3.5, 4.0	2.5, 2.9, 3.2, 3.5	3.57, 3.96, 4.36, 4.76, 5.15, 5.50	2.38, 3.17, 4.36, 4.76, 5.15
Nominal pressure (bar)	2.5	2.5	2.5	3.0	3.0

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