

Rivulis S2000 Micro Sprinkler & Flow Regulated Micro Sprinkler



Rivulis S2000 Micro Sprinkler

Flow regulation option

Anti-insect protection

Range limiter options

Sprinkler position: upright

Installation: Stake (plastic or metal) and hanging

The Rivulis S2000 Micro Sprinklers and Rivulis S2000 Flow Regulated Micro Sprinklers are ideal choices for a wide range of applications including short-term crops such as vegetables and long-term crops such as orchards. Built to last, the Rivulis S2000 Micro Sprinkler lines incorporate solid (strong) bridges, built-in anti-insect protection, and a wear resistance design. In addition to the standard features, the Rivulis S2000 Micro Sprinkler line can be configured with add-on features like the spinner with integral range limiter for a smaller wetting diameter around young trees.

The Rivulis S2000 Flow Regulated Micro Sprinkler has the added feature of flow regulation extending the use of the sprinklers in applications with sloping fields or long lateral runs.

The Rivulis S2000 Micro Sprinkler can be installed in different ways including plastic stake, metal stake, and hanging.

The Rivulis S2000 Micro Sprinkler is also simple to maintain because it can be easily disassembled, allowing for both field maintenance and replacement of individual parts. You can always count on the flexibility and reliability of the Rivulis S2000 Micro Sprinkler to deliver the results you need.

Rivulis S2000 Micro Sprinkler



Rivulis S2000 Micro Sprinkler - Performance Data

Nozzle color	Flow rate* (lph)	Nozzle size (mm)	Spinner color	Effective wetting diameter* (m)
Light blue	29	0,77	Black	6,5
Black	37	0,85	Black	6,0
Blue	51	1,00	Black	6,5
Dark blue	61	1,10	Black	7,0
Green	75	1,20	Black	8,0
Red	97	1,40	Black	9,0
White	125	1,60	Black	10,0
Violet	170	1,80	Dark blue	9,5
Yellow	205	2,00	Dark blue	10,0
Brown	260	2,20	Dark blue	10,0
Orange	300	2,40	Dark blue	10,5
Light blue	29	0,77	Black with integral range limiter	1,0
Black	37	0,85	Black with integral range limiter	1,0
Blue	51	1,00	Black with integral range limiter	1,4
Dark blue	61	1,10	Black with integral range limiter	1,4
Green	75	1,20	Black with integral range limiter	1,4
Red	97	1,40	Black with integral range limiter	1,4
White	125	1,60	Black with integral range limiter	2,0

*At 2,0 bar - 25 cm above ground level

Rivulis S2000 Micro Sprinkler

Nominal flow rates at 2,0 bar: 29-300 lph

Operating pressure range: 1,5-2,5 bar

Effective wetting diameters: 6,5-10,5 m

Sprinkler position: upright

Inlet connection options: 3/8" THM, 5mm threaded, conic female

Spinner colors:

Black: 29-125 lph Dark blue:170-300 lph

3 assembly options:

- 3/8" THM x conic female inlet accommodates Meteor #44 adapter mounted on Cantal spiked stake or 3/8" female threaded hammer stake

- 5mm threaded inlet (flow rate up to 205 lph) accommodates 4x7 PE tube mounted on Cantal spiked stake

- Conic female inlet (flow rate up to 125 lph) accommodates plunger and 4x7 PE tube mounted on Cantal spiked stake



Rivulis S2000 Flow Regulated Micro Sprinkler

Rivulis S2000 Flow Regulated Micro Sprinkler - Performance Data

Nozzle color	Flow rate* (lph)	Nozzle size (mm)	Spinner color	Effective wetting diameter* (m)
Black	24	0,85	Gray	5,0
Blue	31	1,00	Gray	5,0
Dark blue	-	1,10	Gray	-
Green	53	1,20	Gray	6,0
Red	74	1,40	Gray	7,0
White	95	1,60	Gray	7,5
Black	24	0,85	Gray with integral range limiter	1,0-1,5
Blue	31	1,00	Gray with integral range limiter	1,0-1,5
Dark blue	-	1,10	Gray with integral range limiter	-
Green	53	1,20	Gray with integral range limiter	1,0-1,5
Red	74	1,40	Gray with integral range limiter	1,0-1,5
White	95	1,60	Gray with integral range limiter	1,0-1,5

*At 2,0 bar - 25 cm above ground level

Image	Part
	5 mm nozzle (Rivulis S2000 only)
	Conic nozzle (Rivulis S2000 only)
	3/8" Regulated nozzle
	Spinner with integral range limiter
	Standard spinner



Rivulis S2000 Flow Regulated Micro Sprinkler

Nominal flow rates: 24-95 lph

Operating pressure range: 24, 31 and 53 lph: 1,5-3,5 bar

74 and 95 lph: 1,75-3,5 bar

Effective wetting diameters: 5,0 - 7,5 m

Sprinkler position: upright

Inlet connection option: 3/8" THM

Spinner color: Gray

1 Upper bearing

2 Bridge

3 Spinner

4 3/8" Flow regulated nozzle

5 Flow regulation chamber

6 Membrane

Parts **5** and **6** are included inside the flow regulated nozzle.

Assembly options: 3/8" THM nozzle inlet, accommodates Meteor #44 adapter mounted on Cantal spiked stake or 3/8" female threaded hammer stake.

Rivulis S2000 Micro Sprinkler

Rivulis S2000 Flow Regulated Micro Sprinkler

Rivulis S2000 - Max. recommended no. of sprinklers on flat terrain (0% slope - 10% flow rate variation)

Nozzle	Flow rate (lph)	Tube diameter OD/ID (mm)	Spacing between Drippers (m)							
			2	3	4	5	6	7	8	
Light blue	29	16/13,6	27	23	21	19	18	17	16	
		17,8/15,2	33	28	25	23	22	20	19	
		20/17,4	42	36	32	30	28	26	25	
Black	37	16/13,6	23	20	18	16	15	14	13	
		17,8/15,2	28	24	21	20	18	17	16	
		20/17,4	35	30	27	25	23	22	21	
Blue	51	16/13,6	18	16	14	13	12	11	11	
		17,8/15,2	22	19	17	16	15	14	13	
		20/17,4	29	25	22	20	19	18	17	
Dark blue	61	16/13,6	27	23	21	19	18	17	16	
		17,8/15,2	33	28	25	23	22	20	19	
		20/17,4	42	36	32	30	28	26	25	
Green	75	16/13,6	14	12	11	10	9	9	8	
		17,8/15,2	17	15	13	12	11	11	10	
		20/17,4	22	19	17	16	15	14	13	
Red	97	16/13,6	12	10	9	8	8	7	7	
		17,8/15,2	15	12	11	10	9	9	8	
		20/17,4	19	16	14	13	12	11	11	
White	125	16/13,6	10	8	8	7	6	6	6	
		17,8/15,2	12	10	9	9	8	7	7	
		20/17,4	16	13	12	11	10	10	9	
Violet	170	16/13,6	8	7	6	5	5	5	4	
		17,8/15,2	10	8	7	7	6	6	6	
		20/17,4	13	11	10	9	8	8	7	
Yellow	205	16/13,6	7	6	5	5	4	4	4	
		17,8/15,2	9	7	6	6	5	5	5	
		20/17,4	11	10	8	8	7	7	6	
Brown	260	16/13,6	6	5	4	4	4	3	3	
		17,8/15,2	7	6	5	5	5	4	4	
		20/17,4	9	8	7	7	6	6	5	
Orange	300	16/13,6	5	4	4	3	3	3	3	
		17,8/15,2	7	5	5	4	4	4	4	
		20/17,4	8	7	6	6	5	5	5	

Rivulis S2000 Flow Regulated - Max. recommended no. of sprinklers on flat terrain (0% slope)

Nozzle	Flow rate (lph)	Tube diameter OD/ID (mm)	Lateral inlet pressure (bar)	Spacing between Drippers (m)							
				2	3	4	5	6	7	8	
Black	24	16/13,6	2,0	24	20	19	17	16	15	14	
			3,0	39	34	31	28	27	25	24	
			3,5	45	38	35	32	30	28	27	
			17,8/15,2	2,0	30	25	23	21	20	18	17
				3,0	49	42	38	34	33	30	29
				3,5	55	47	43	39	37	34	33
Blue	31	16/13,6	2,0	37	32	29	27	25	24	22	
			3,0	61	53	47	44	41	39	37	
			3,5	69	60	54	50	46	44	42	
			17,8/15,2	2,0	20	17	16	14	14	13	12
				3,0	33	29	26	24	23	22	20
				3,5	38	33	30	27	26	24	23
Green	53	16/13,6	2,0	25	21	19	17	17	16	15	
			3,0	41	35	32	29	28	26	25	
			3,5	46	40	36	33	31	29	28	
			20/17,4	2,0	31	27	24	23	21	20	19
				3,0	52	44	40	37	34	33	31
				3,5	59	50	45	42	39	37	35
Violet	74	16/13,6	2,0	14	13	11	11	10	9	9	
			3,0	24	21	18	18	16	15	14	
			3,5	27	23	21	20	18	17	16	
			17,8/15,2	2,0	17	15	14	13	12	11	11
				3,0	29	25	23	21	19	18	18
				3,5	33	28	26	24	22	20	20
Red	95	16/13,6	2,0	22	19	17	16	15	14	14	
			3,0	37	32	28	26	24	23	23	
			3,5	42	36	32	30	28	26	25	
			20/17,4	2,0	12	10	9	8	7	8	7
				3,0	19	17	15	14	13	13	12
				3,5	22	19	17	15	14	14	14
White	205	17,8/15,2	2,0	10	9	7	8	7	6	6	
			3,0	21	19	16	16	15	14	13	
			3,5	25	22	19	18	17	16	15	
			20/17,4	2,0	19	16	15	14	13	12	12
				3,0	27	24	22	20	18	17	17
				3,5	32	27	25	23	21	20	20
Black	260	17,8/15,2	2,0	7	6	5	5	5	5	4	
			3,0	16	13	11	11	10	10	9	
			3,5	18	15	13	13	12	11	11	
			20/17,4	2,0	8	8	7	6	5	6	6
				3,0	18	16	14	13	12	12	12
				3,5	21	19	17	15	14	14	13
Blue	300	20/17,4	2,0	11	10	8	7	8	7	7	
			3,0	23	20	18	16	16	15	14	
			3,5	27	24	21	19	18	17	16	

