

# Rondo & RFR Micro Sprinklers



## Trusted Around the Globe Rivulis Rondo & RFR Micro Sprinklers

- Rivulis Rondo: Ideal for vegetable & orchards
- Rivulis RFR: Pressure Compensated. Ideal for vegetable & orchards on sloping ground
- Rivulis Inverted Rondo: Ideal for Greenhouses
- Also suitable for frost protection

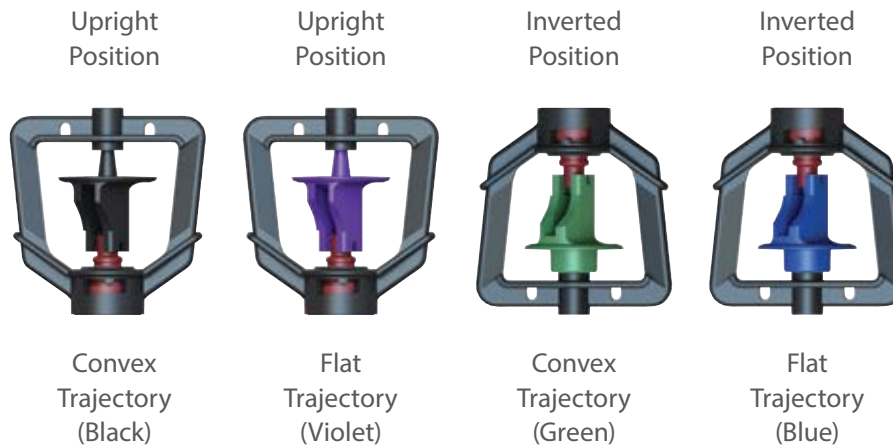
# Rivulis Rondo & RFR Sprinklers - Widest Possibilities & Options

In addition to numerous flow-rate and inlet options, plus the option for pressure compensation, Rondo & RFR provide an extensive range of spinners and other accessories.

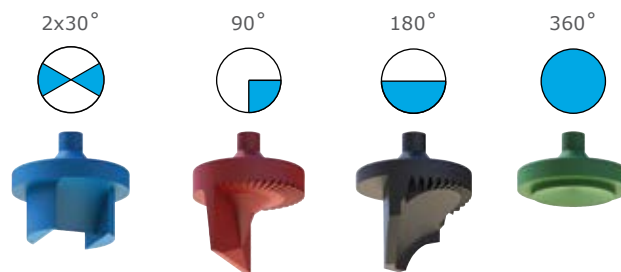
**Whatever your application, there is a Rondo / RFR Micro Sprinkler for you.**

Additional sprinkler accessories can be found in the Rivulis Sprinkler Accessories brochure.

## Spinner Models



## Spray Deflectors



## Rivulis Rondo Micro Sprinkler Product Information

Technical Data	
Operating pressure range	1.5 – 2.5 bar
Pressure (for flow rate calculation)	2.0 bar
Filtration requirements	
≤ 40 lph:	130 micron / 120 mesh
40 – 70 lph:	200 micron / 80 mesh
> 70 lph:	250 micron / 60 mesh



Rivulis Rondo Micro Sprinkler  
5 mm thread inlet option

## Rivulis Rondo Micro Sprinkler | Maximum Number of Sprinklers per Lateral

Nominal Flow Rate	Nozzle Color & Size (mm)	Hose Size		Spacing Between Sprinklers (m) on Flat Ground at 2.0 bar Inlet Pressure					
		ID	OD	3	4	5	6	7	8
lph		mm	mm	Number of Sprinklers					
39	Black (0.85)	13.6	16.0	20	18	16	15	14	13
		15.2	17.8	24	22	20	18	17	17
		17.4	20.0	31	27	25	24	22	21
51	Blue (1.00)	13.6	16	16	14	13	12	11	11
		15.2	17.8	20	18	16	15	14	13
		17.4	20.0	25	22	21	19	18	17
64	Dark Blue (1.10)	13.6	16.0	13	12	11	10	10	9
		15.2	17.8	16	15	14	12	12	11
		17.4	20.0	21	19	19	16	15	14
75	Green (1.20)	13.6	16	12	10	10	9	7	7
		15.2	17.8	14	13	12	11	9	9
		17.4	20.0	18	17	15	14	12	11
102	Red (1.40)	13.6	16.0	10	8	8	7	10	10
		15.2	17.8	12	10	10	9	13	12
		17.4	20.0	15	13	12	12	17	16
132	White (1.60)	13.6	16	8	7	6	6	6	5
		15.2	17.8	10	9	8	7	7	7
		17.4	20.0	13	11	10	10	9	9
174	Violet (1.80)	13.6	16.0	6	6	5	5	4	4
		15.2	17.8	8	7	6	6	6	5
		17.4	20.0	10	9	8	8	7	7

## Rivulis Rondo Flow Rate / Pressure

Pressure (bar)	Color code (nozzle) / Flow rate (lph)										
	Light Blue	Black	Blue	Dark Blue	Green	Red	White	Violet	Yellow	Brown	Orange
1.5	25.4	33.2	43.8	55.3	64.5	87.9	114.0	151.0	177.0	220.0	257.9
2.0	29.7	38.7	51.0	63.9	74.8	101.9	132.1	174.2	205.0	254.3	298.3
2.5	33.4	43.6	57.3	71.5	83.9	114.2	148.0	194.7	231.0	284.6	333.9

# Product List

Rivulis Rondo Micro Sprinkler Heads								
Description	Inlet Connection	Flow Rate (lph)	Nozzle Color	Spinner Color	Spray Diameter (m) 2 bar	Quantity (bag)	Quantity (box)	Product Number
Rondo 39 lph   TH 3/8"   Black Spinner	TH 3/8" x Conic F	39	Black	Black	5.8	500	2000	201000116
Rondo 51 lph   TH 3/8"   Black Spinner		51	Blue		6.6	500	2000	201000117
Rondo 64 lph   TH 3/8"   Black Spinner		64	Dark Blue		7.6	500	2000	101003411
Rondo 75 lph   TH 3/8"   Black Spinner		75	Green		8.8	500	2000	201000118
Rondo 102 lph   TH 3/8"   Black Spinner		102	Red		9.4	500	2000	201000119
Rondo 132 lph   TH 3/8"   Black Spinner		132	White		10.0	500	2000	201000121
Rondo 174 lph   TH 3/8"   Black Spinner		174	Purple		10.5	500	2000	201000133
Rondo 205 lph   TH 3/8"   Black Spinner		205	Yellow		11.0	500	2000	201000274
Rondo 254 lph   TH 3/8"   Black Spinner		254	Brown		11.0	500	2000	101003424
Rondo 298 lph   TH 3/8"   Black Spinner		298	Orange		11.0	500	2000	201000122
Rondo 39 lph   TH 3/8"   Purple Spinner		Purple	39	Black	4.5	500	2000	201000132
Rondo 51 lph   TH 3/8"   Purple Spinner			51	Blue	5.5	500	2000	201000280
Rondo 64 lph   TH 3/8"   Purple Spinner			64	Dark Blue	6.0	500	2000	101028769
Rondo 75 lph   TH 3/8"   Purple Spinner			75	Green	6.0	500	2000	201000136
Rondo 102 lph   TH 3/8"   Purple Spinner			102	Red	6.5	500	2000	101028760
Rondo 132 lph   TH 3/8"   Purple Spinner			132	White	7.0	500	2000	101028770
Rondo 174 lph   TH 3/8"   Purple Spinner			174	Purple	7.0	500	2000	101028771
Rondo 205 lph   TH 3/8"   Purple Spinner			205	Yellow	-	500	2000	201000138
Rondo 254 lph   TH 3/8"   Purple Spinner			254	Brown	-	500	2000	101028782
Rondo 298 lph   TH 3/8"   Purple Spinner			298	Orange	-	500	2000	101028783






## Rivulis Rondo Micro Sprinkler Heads

Description	Inlet Connection	Flow Rate (lph)	Nozzle Color	Spinner Color	Spray Diameter (m) 2 bar	Quantity (bag)	Quantity (box)	Product Number
Rondo 30 lph   5 mm TH   Black Spinner	5 mm threaded	30	Light Blue	Black	5.8	500	2000	101003400
Rondo 39 lph   5 mm TH   Black Spinner		39	Black			500	2000	201000108
Rondo 51 lph   5 mm TH   Black Spinner		51	Blue			500	2000	201000109
Rondo 64 lph   5 mm TH   Black Spinner		64	Dark Blue			500	2000	101003401
Rondo 75 lph   5 mm TH   Black Spinner		75	Green			500	2000	201000110
Rondo 102 lph   5 mm TH   Black Spinner		102	Red			500	2000	201000111
Rondo 132 lph   5 mm TH   Black Spinner		132	White			500	2000	201000112
Rondo 174 lph   5 mm TH   Black Spinner		174	Purple			500	2000	101003418
Rondo 205 lph   5 mm TH   Black Spinner		205	Yellow			500	2000	201000113



## Rivulis Rondo Micro Sprinkler Assemblies with Meteor #44, Cantal Stake & 60 cm 4 x 7 tubing

Description	Assembly	Flow Rate (lph)	Nozzle Color	Spinner Color	Spray Diameter (m)	Quantity (bag)		
Rondo 39 lph   TH 3/8"   Black Spinner	35 cm Cantal stake, Meteor #44, 60 cm 4x7 tubing and barb coupling	39	Black	Black	5.8	250		
Rondo 51 lph   TH 3/8"   Black Spinner		51	Blue		6.6	250		
Rondo 64 lph   TH 3/8"   Black Spinner		64	Dark Blue		7.6	250		
Rondo 75 lph   TH 3/8"   Black Spinner		75	Green		8.8	250		
Rondo 102 lph   TH 3/8"   Black Spinner		102	Red		9.4	250		
Rondo 132 lph   TH 3/8"   Black Spinner		132	White		10.0	250		
Rondo 174 lph   TH 3/8"   Black Spinner		174	Purple		10.5	250		
Rondo 205 lph   TH 3/8"   Black Spinner		205	Yellow		11.0	250		
Rondo 254 lph   TH 3/8"   Black Spinner		254	Brown		11.0	250		
Rondo 298 lph   TH 3/8"   Black Spinner		298	Orange		11.0	250		
Rondo 39 lph   TH 3/8"   Purple Spinner		35 cm Cantal stake, Meteor #44, 60 cm 4x7 tubing and barb coupling	39	Black	Purple	4.5	250	
Rondo 51 lph   TH 3/8"   Purple Spinner			51	Blue		5.5	250	
Rondo 64 lph   TH 3/8"   Purple Spinner			64	Dark Blue		6.0	250	
Rondo 75 lph   TH 3/8"   Purple Spinner			75	Green		6.0	250	
Rondo 102 lph   TH 3/8"   Purple Spinner			102	Red		6.5	250	
Rondo 132 lph   TH 3/8"   Purple Spinner			132	White		7.0	250	
Rondo 174 lph   TH 3/8"   Purple Spinner			174	Purple		7.0	250	
Rondo 205 lph   TH 3/8"   Purple Spinner			205	Yellow		-	250	
Rondo 254 lph   TH 3/8"   Purple Spinner			254	Brown		-	250	
Rondo 298 lph   TH 3/8"   Purple Spinner			298	Orange		-	250	
Rondo 30 lph   5 mm TH   Black Spinner	35 cm Cantal stake, 60 cm 4x7 tubing and barb coupling	30	Light Blue	Black		250		
Rondo 39 lph   5 mm TH   Black Spinner		39	Black		5.8	250		
Rondo 51 lph   5 mm TH   Black Spinner		51	Blue		6.6	250		
Rondo 64 lph   5 mm TH   Black Spinner		64	Dark Blue		7.6	250		
Rondo 75 lph   5 mm TH   Black Spinner		75	Green		8.8	250		
Rondo 102 lph   5 mm TH   Black Spinner		102	Red		9.4	250		
Rondo 132 lph   5 mm TH   Black Spinner		132	White		10.0	250		

# Rivulis RFR Micro Sprinkler Product Information

Technical Data	
Operating pressure range	1.5 - 3.5 bar
Pressure Compensating (PC)	Yes
Pressure (for flow rate calculation)	2.0 bar
Filtration requirements	
≤ 40 lph:	130 micron / 120 mesh
> 40 - 70 lph:	200 micron / 80 mesh
> 70 lph:	250 micron / 60 mesh



Rivulis RFR Micro Sprinkler

## RFR Micro Sprinkler | Maximum Number of Sprinklers per Lateral

Nominal Flow Rate	Nozzle Color & Size (mm)	Hose Size		Spacing Between Sprinklers (m) on Flat Ground at 2.0 bar Inlet Pressure			
		ID	OD	3	4	5	6
lph		mm	mm	Number of Sprinklers			
23	Black (0.86)	13.6	16	26	23	22	20
		15.2	17.8	33	30	28	26
		17.4	20	40	36	34	32
30	Blue (1.0)	13.6	16	24	21	20	19
		15.2	17.8	29	26	24	22
		17.4	20	36	33	30	28
41.5	Dark Blue (1.1)	13.6	16	20	18	16	15
		15.2	17.8	24	21	20	18
		17.4	20	30	27	25	23
53	Green (1.2)	13.6	16	17	15	14	13
		15.2	17.8	20	18	17	16
		17.4	20	25	23	21	20
70	Red (1.4)	13.6	16	14	13	12	11
		15.2	17.8	17	15	14	13
		17.4	20	21	19	18	17
95	White (1.6)	13.6	16	10	9	8	8
		15.2	17.8	12	11	10	10
		17.4	20	16	14	13	12



## Rivulis RFR Micro Sprinkler Heads

Description	Inlet Connection	Flow Rate (lph)	Pressure Compensating	Range Limiter	Nozzle Color	Spinner Color	Spray Diameter (m)	Quantity (bag)	Quantity (box)	Product Number
RFR 23 lph   TH 3/8"   Grey Spinner	3/8" Male Threaded	23	✓		Black	Grey	5.0	500	2000	201000141
RFR 30 lph   TH 3/8"   Grey Spinner		30	✓		Blue	Grey	5.5	500	2000	201000144
RFR 41 lph   TH 3/8"   Grey Spinner		41.5	✓		Dark Blue	Grey	6.5	500	2000	201000143
RFR 53 lph   TH 3/8"   Grey Spinner		53	✓		Green	Grey	6.5	500	2000	201000146
RFR 70 lph   TH 3/8"   Grey Spinner		70	✓		Red	Grey	7.0	500	2000	201000148
RFR 95 lph   TH 3/8"   Grey Spinner		95	✓		White	Grey	7.0	500	2000	201000150
RFR 23 lph   TH 3/8"   Grey Spinner with range limiter		23	✓	✓	Black	Grey with range limiter	1.0 – 2.0	500	2000	101028871
RFR 30 lph   TH 3/8"   Grey Spinner with range limiter		30	✓	✓	Blue	Grey with range limiter	1.0 – 2.0	500	2000	101003456
RFR 41 lph   TH 3/8"   Grey Spinner with range limiter		41.5	✓	✓	Dark Blue	Grey with range limiter	1.0 – 2.0	500	2000	101003457
RFR 53 lph   TH 3/8"   Grey Spinner with range limiter		53	✓	✓	Green	Grey with range limiter	1.0 – 2.0	500	2000	101003448
RFR 70 lph   TH 3/8"   Grey Spinner with range limiter		70	✓	✓	Red	Grey with range limiter	1.0 – 2.0	500	2000	101003449
RFR 95 lph   TH 3/8"   Grey Spinner with range limiter		95	✓	✓	White	Grey with range limiter	1.0 – 2.0	500	2000	101022979





## Rivulis RFR Micro Sprinkler Assemblies with Meteor #44, Cantal Stake & 60 cm 4 x 7 tubing

Product Description	Assembly	Flow Rate (lph)	Pressure Compensating	Range Limiter	Nozzle Color	Spinner Color	Spray Diameter (m)	Quantity (bag)
RFR 23 lph   TH 3/8"   Grey Spinner	35 cm Cantal stake, Meteor #44, 60 cm 4x7 tubing and barb coupling	23	√		Black	Grey	5.0	250
RFR 30 lph   TH 3/8"   Grey Spinner		30	√		Blue	Grey	5.5	250
RFR 41 lph   TH 3/8"   Grey Spinner		41.5	√		Dark Blue	Grey	6.5	250
RFR 53 lph   TH 3/8"   Grey Spinner		53	√		Green	Grey	6.5	250
RFR 70 lph   TH 3/8"   Grey Spinner		70	√		Red	Grey	7.0	250
RFR 95 lph   TH 3/8"   Grey Spinner		95	√		White	Grey	7.0	250
RFR 30 lph   TH 3/8"   Brown Spinner		30	√		Blue	Brown	2.8	250
RFR 23 lph   TH 3/8"   Grey Spinner with range limiter		23	√	√	Black	Grey with range limiter	1.0 – 2.0	250
RFR 30 lph   TH 3/8"   Grey Spinner with range limiter		30	√	√	Blue	Grey with range limiter	1.0 – 2.0	250
RFR 41 lph   TH 3/8"   Grey Spinner with range limiter		41.5	√	√	Dark Blue	Grey with range limiter	1.0 – 2.0	250
RFR 53 lph   TH 3/8"   Grey Spinner with range limiter		53	√	√	Green	Grey with range limiter	1.0 – 2.0	250
RFR 70 lph   TH 3/8"   Grey Spinner with range limiter		70	√	√	Red	Grey with range limiter	1.0 – 2.0	250
RFR 95 lph   TH 3/8"   Grey Spinner with range limiter		95	√	√	White	Grey with range limiter	1.0 – 2.0	250



## Rivulis Rondo & RFR (PC) Inverted Sprinkler Heads

Description	Inlet Connection	Flow Rate (lph)	Pressure Compensating	Nozzle Color	Spinner Color	Spray Diameter (m) at 2.0 m Elevation	Quantity (bag)	Quantity (box)	Product Number
Rondo Inverted 51 lph   Conic F   Blue Spinner	Conic F	51	X	Blue	Blue	8.0	500	2000	101003433
Rondo Inverted 132 lph   Conic F   Blue Spinner		132		White		8.0	500	2000	101003444
Rondo Inverted 51 lph   Conic F   Green Spinner		51		Blue	Green	10.0	500	2000	201005978
Rondo Inverted 75 lph   Conic F   Green Spinner		75		Green		11.0	500	2000	201000278
Rondo Inverted 102 lph   Conic F   Green Spinner		102		Red		11.0	500	2000	201000277
Rondo Inverted 132 lph   Conic F   Green Spinner		132		White		11.5	500	2000	101003399

## Rivulis Rondo & RFR (PC) Inverted Sprinkler Heads

Description	Inlet Connection	Flow Rate (lph)	Pressure Compensating	Nozzle Color	Spinner Color	Spray Diameter (m) at 2.0 m Elevation	Quantity (bag)	Quantity (box)	Product Number
Rondo Inverted 39 lph   TH 3/8"   Green Spinner	TH 3/8" x Conic F	39	x	Black	Green	8.5	500	2000	201003438
Rondo Inverted 51 lph   TH 3/8"   Green Spinner		51		Blue		10.0	500	2000	101011803
Rondo Inverted 64 lph   TH 3/8"   Green Spinner		64		Dark Blue		10.0	500	2000	201003439
Rondo Inverted 75 lph   TH 3/8"   Green Spinner		75		Green		11.0	500	2000	201000126
Rondo Inverted 102 lph   TH 3/8"   Green Spinner		102		Red		11.0	500	2000	101011804
Rondo Inverted 132 lph   TH 3/8"   Green Spinner		132		White		11.5	500	2000	101011805
Rondo Inverted 174 lph   TH 3/8"   Green Spinner		174		Purple		12.0	500	2000	101003414
Rondo Inverted 205 lph   TH 3/8"   Green Spinner		205		Yellow		12.0	500	2000	101003415
Rondo Inverted 254 lph   TH 3/8"   Green Spinner		254		Brown		11.5	500	2000	101003416
Rondo Inverted 298 lph   TH 3/8"   Green Spinner		298		Orange		11.5	500	2000	101003417
Rondo Inverted 39 lph   TH 3/8"   Blue Spinner		TH 3/8" x Conic F		39		x	Black	Blue	8.0
Rondo Inverted 51 lph   TH 3/8"   Blue Spinner	51		Blue	8.0	500		2000		101011800
Rondo Inverted 64 lph   TH 3/8"   Blue Spinner	64		Dark Blue	8.0	500		2000		101011807
Rondo Inverted 75 lph   TH 3/8"   Blue Spinner	75		Green	8.5	500		2000		201000123
Rondo Inverted 102 lph   TH 3/8"   Blue Spinner	102		Red	9.5	500		2000		101011801
Rondo Inverted 132 lph   TH 3/8"   Blue Spinner	132		White	9.5	500		2000		201000124
Rondo Inverted 174 lph   TH 3/8"   Blue Spinner	174		Purple	10.0	500		2000		101011802
Rondo Inverted 205 lph   TH 3/8"   Blue Spinner	205		Yellow	-	500		2000		201000125
Rondo Inverted 254 lph   TH 3/8"   Blue Spinner	254		Brown	-	500		2000		201003437
Rondo Inverted 298 lph   TH 3/8"   Blue Spinner	298		Orange	-	500		2000		101011806
RFR Inverted (PC) 23 lph   TH 3/8"   Red Spinner	TH 3/8"		23	√	Black		Red		5.0
RFR Inverted (PC) 30 lph   TH 3/8"   Red Spinner		30	Blue		5.5	500		2000	201003440
RFR Inverted (PC) 41 lph   TH 3/8"   Red Spinner		41	Dark Blue		6.5	500		2000	101003455
RRFR Inverted (PC) 53 lph   TH 3/8"   Red Spinner		53	Green		7.0	500		2000	201003441
RFR Inverted (PC) 70 lph   TH 3/8"   Red Spinner		70	Red		7.5	500		2000	101011812
RFR Inverted (PC) 95 lph   TH 3/8"   Red Spinner		95	White		7.6	500		2000	101018433

## Rivulis Rondo Inverted Sprinkler | Assemblies

Product Description	Assembly	Flow Rate (lph)	Pressure Compensating	Nozzle Color	Spinner Color	Spray Diameter (m) at 2.0 m Elevation	Quantity (bag)	Product Number		
Rondo Inverted 39 lph   Conic   Green Spinner	4x7 Coupling + 4x7 PVC tube 35cm + Weight	39	x	Black	Green	8.5	500	101029179		
Rondo Inverted 51 lph   Conic   Green Spinner		51		Blue		10.0	500	101029176		
Rondo Inverted 64 lph   Conic   Green Spinner		64		Dark Blue		10.0	500	101029180		
Rondo Inverted 75 lph   Conic   Green Spinner		75		Green		11.0	500	101029181		
Rondo Inverted 102 lph   Conic   Green Spinner		102		Red		11.0	500	101029182		
Rondo Inverted 132 lph   Conic   Green Spinner		132		White		11.5	500	101029183		
Rondo Inverted 39 lph   Conic   Blue Spinner		4x7 Coupling + 4x7 PVC tube 35cm + Weight + Meteor 44		39	√	Black	Blue	8.0	500	CONSULT
Rondo Inverted 51 lph   Conic   Blue Spinner				51		Blue		8.0	500	CONSULT
Rondo Inverted 64 lph   Conic   Blue Spinner				64		Dark Blue		8.0	500	CONSULT
Rondo Inverted 75 lph   Conic   Blue Spinner				75		Green		8.5	500	CONSULT
Rondo Inverted 102 lph   Conic   Blue Spinner				102		Red		9.5	500	CONSULT
Rondo Inverted 132 lph   Conic   Blue Spinner				132		White		9.5	500	CONSULT
RFR Inverted (PC) 23 lph   TH 3/8"   Red Spinner	4x7 Coupling + 4x7 PVC tube 35cm + Weight + Meteor 44	23	√	Black	Red	5.0	500	CONSULT		
RFR Inverted (PC) 30 lph   TH 3/8"   Red Spinner		30		Blue		5.5	500	CONSULT		
RFR Inverted (PC) 41 lph   TH 3/8"   Red Spinner		41		Dark Blue		6.5	500	CONSULT		
RFR Inverted (PC) 53 lph   TH 3/8"   Red Spinner		53		Green		7.0	500	CONSULT		
RFR Inverted (PC) 70 lph   TH 3/8"   Red Spinner		70		Red		7.5	500	CONSULT		
RFR Inverted (PC) 95 lph   TH 3/8"   Red Spinner		95		White		7.6	500	CONSULT		



## Rondo & RFR Micro Sprinklers



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