

Frame Jets™

Low maintenance open spray jets which excel in performance and reliability. Deflector snaps on to frame to temporarily restrict spray diameter for young trees.

Features

- Open frame and spray plate.
- No moving parts.
- Wide range of spray patterns and trajectories.
- Color coded nozzles for flow rate identification.
- “Quick” thread for easy insertion into tubing.

Applications

Specifically designed for orchards, vineyards and horticultural crops.

Frame Jets™ and Deflector

PACKAGING	PART NUMBER	MINIMUM ORDER	STANDARD CARTON	CARTON (lbs)
FRAME JETS™	Refer to page 2.3	1000	6000	27.91
DEFLECTOR	12998	1000	6000	27.45

Specifications

DIMENSIONS ASSEMBLED		UV STABILIZED MATERIAL	BASE/CONNECTION TYPE
HEIGHT	1.26"	FRAME acetal	Inlet: “QUICK” THREAD 0.16" Optional 10-32 UNF
WIDTH	0.5"	BASE acetal	
LENGTH	1.04"	DEFLECTOR acetal	
WEIGHT (approx)	0.065 oz		

Due to the comprehensive range of Frame Jets™ all are made to order. Allow two weeks for assembly and dispatch. Urgent orders by arrangement. Optional 10-32 UNF thread available upon request.



Frame Jet™
210° x 8 Pattern



Deflector for Frame Jet™



Deflector attached to Frame Jet™
Butterfly Pattern

Performance and Part Numbers

PERFORMANCE		A 360° x 12		B Butterfly		C 210° x 8		E 360° x 22		J 360° x 12		R Rectangular		V 300° x 10				
Base Color	Trajectory	26° High 12.5° Low		22°		22°		12.5°		22°		12.5°		22°				
		Pressure (psi)	Flow (gph)	Part Number	Diameter (ft) High	Diameter (ft) Low	Part Number	Diameter (ft)	Part Number	Diameter (ft)	Part Number	Diameter (ft)	Part Number	Diameter (ft) Length	Diameter (ft) Width	Part Number	Diameter (ft)	
Black 0.030"	10	4.9	13	10	13	12308	10	9	12508	12608	10	11	12708	11	6	12808	11	
	15	5.9	16	12	11		11	11			13	7		13	7			13
	20	6.9	17	13	12	12208	12	12	12608	12708	14	8	12708	15	8			14
Orange 0.034"	25	7.6	17	14	18		13	13			15	9		15	9	12878	15	
	30	8.3	18	15	18		13	13			16	9		16	9			16
	10	5.4	13	11	15		15	10			12	7		12	7			13
Brown 0.035"	15	6.7	16	13	18	12378	18	11	12578	12678	18	14	12778	14	8	12828	14	
	20	7.7	18	14	19	12278	19	12	12578	12678	19	11	12778	16	9			15
	25	8.5	19	16	21		20	13			17	10		17	10			16
Blue 0.040"	30	9.3	20	17	23		22	14			20	15		18	11	12818	17	
	10	6.1	14	11	17	12318	13	10	12518	12618	13	7	12718	14	7			13
	15	7.5	17	14	16	12328	15	12	12528	12628	15	9	12728	15	9			15
Purple 0.045"	20	8.7	19	15	17		16	14			17	10		17	10	12868	17	
	25	9.7	20	16	19	12228	17	15	12568	12668	17	11	12768	17	11			17
	30	10.5	21	17	21		18	15			18	11		18	11			18
Gray 0.048"	10	7.9	16	13	17		15	11			15	8		15	8	12848	15	
	15	9.9	18	16	20		17	13	12618	12718	16	10		17	10			16
	20	11.3	20	17	23	12318	19	15	12618	12718	18	11	12718	17	11			18
Green 0.050"	25	12.6	22	19	25		20	17			19	12		19	12	12838	19	
	30	13.8	24	21	26		21	18			20	13		20	13			20
	10	10.0	18	15	18	12368	24	12	12568	12668	21	13	12768	21	13			21
Olive 0.059"	15	12.3	21	17	23		26	15			24	14		23	14	12858	23	
	20	14.3	24	20	25	12268	25	17	12668	12768	24	15	12768	23	15			22
	25	15.9	26	22	28		28	18			26	16		23	16			23
Red 0.060"	30	17.3	28	23	29		34	19			27	17		25	15	12888	25	
	10	11.4	20	16	21	12348	29	14	12648	12748	27	18	12748	23	15			24
	15	14.2	24	20	25		30	17	12648	12748	28	19	12748	24	16			26
Red 0.060"	25	18.2	29	24	30		31	20			29	19		24	16	12838	29	
	30	19.7	31	26	31		31	21			30	20		26	17			29
	10	13.0	20	16	20	12338	31	14	12638	12738	31	21	12738	26	17			30
Red 0.060"	15	16.0	24	20	25		21	17			16	11		17	11	12838	17	
	20	18.5	27	22	27	12238	27	19	12638	12738	17	13	12738	17	13			17
	25	20.7	29	24	29		28	20			18	14		19	14			19
Red 0.060"	30	22.5	31	26	30		30	22			20	15		20	15	12888	20	
	10	16.7	23	18	23	12388	32	17	12688	12788	22	16	12788	20	15			22
	15	20.5	28	23	28		32	20	12688	12788	25	16	12788	23	15			25
Red 0.060"	20	23.8	32	26	32	12388	33	22	12588	12688	28	18	12788	25	16	12858	28	
	25	26.9	34	29	35		33	24	12588	12688	30	20	12788	28	18			30
	30	29.1	37	31	38		36	26	12588	12688	33	21	12788	30	19			33
Red 0.060"	10	17.8	21	17	15	12358	24	15	12558	12658	18	13	12758	16	12	12858	18	
	15	21.9	26	21	26		26	18	12558	12658	22	15	12758	20	15			22
	20	25.2	29	24	28	12358	29	21	12558	12658	25	18	12758	23	15			25
Red 0.060"	25	28.4	31	27	31		32	23	12558	12658	28	19	12758	26	19	12858	28	
	30	30.7	34	29	34		34	25	12558	12658	30	20	12758	26	19			30
	10	11.4	20	16	21	12348	34	14	12658	12758	30	21	12758	26	19			27

GREEN SPIN



El microaspersor perfecto para el riego interno por aspersión en cultivos protegidos

CARACTERÍSTICAS PRINCIPALES

- Sin puente - absolutamente sin goteo durante su funcionamiento
- Sin deflexión ni esquinas sin riego
- Baja trayectoria de aspersión
- Excelente uniformidad en una amplia variedad de espaciamientos
- Conexiones a tuberías de PE o de PVC
- LPD (Sistema Antidrenante de Prevención de Goteo) - detiene el drenaje inmediatamente luego del cierre (optativo)





CARACTERÍSTICAS TÉCNICAS

- Rango de presiones operativas: 2.0 a 3.0 bar
- Caudales: 43 a 200 l/h
- Requisitos de filtrado:
Boquillas de colores marrón y gris: 130 micrones
Boquillas de colores naranja, negro y azul: 200 micrones

COMPONENTES

Boquilla con código de colores



Rotor on código de colores



TABLA DE RENDIMIENTOS GREEN SPIN EN 2 BAR DE PRESION														
Color de Rotor	Color de boquilla	Caudal (l/h)	D (m)	Precipitación (mm/h) espaciamiento (m)										
				1.5x3	2x3	3x3	2x4	3x4	4x4	3x5	5x5	3x6		
Gris	Marrón	43	8.0	9.4	7	4.7								
	Gris	70	9.0	15.5	11.6	7.7	8.7	5.8	4.4					
	Verde	105	9.0	23.4	17.5	11.7	13.2	8.8	6.6	7				
	Naranja	120	9.5	26.4	19.8	13.2	14.8	9.9	7.4	7.9	4.7			
Black	Negro	160	9.0	35.4	26.5	17.7	19.9	13.3	9.9	10.6	6.4	8.8		
	Azul	200	9.5	44.3	33.3	22.2	24.9	16.6	12.5	13.3	8	11.1		

Probado bajo condiciones de laboratorio a 2.0 m de altura

Código de color uniformidad de distribución	CU>92%	CU=89-92%	CU=85-88%	CU<85%

Rotor Spray™ Mini Sprinklers

Durable and reliable with excellent distribution uniformity. Vari-Rotor Spray™ can be adjusted to reduce volume of flow and radius of throw.

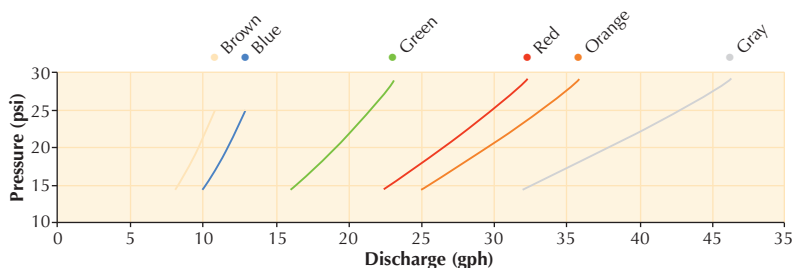
Features

- "C" frame design for strength and distribution uniformity.
- Full flow spinner suspended between two bearings.
- Inverted model incorporates special khaki colored spinner with dust cover to protect bearing.
- Threaded for installing into Rigid Risers and 1/2" micro threaded adapters.
- Taper # 6 suits Antelco tapered fittings for fast, efficient installation.
- UV stabilized materials for long life.

Applications

Suitable for landscape areas, home gardens, nurseries and horticultural applications. Inverted Rotor Spray™ ideal for over-head greenhouse and nursery watering.

Flow Rate



Rotor Spray™

COLOR	BASE		PART NUMBER	PACK QUANTITY	PACKS PER CARTON	CARTON (lbs)
	ORIFICE SIZE	BASE TYPE				
Brown	0.035"	10-32 UNF	20025	50	110	24.82
Blue	0.04"	10-32 UNF	20015	50	110	24.82
Green	0.05"	10-32 UNF	20035	50	110	24.82
Red	0.06"	10-32 UNF	20055	50	110	24.82
Orange	0.07"	10-32 UNF	20075	50	110	24.82
Gray	0.08"	10-32 UNF	20045	50	110	24.82
Blue	0.04"	Taper # 6	20715	50	110	27.12
Green	0.05"	Taper # 6	20735	50	110	27.12

Inverted Rotor Spray™

COLOR	BASE		PART NUMBER	PACK QUANTITY	PACKS PER CARTON	CARTON (lbs)
	ORIFICE SIZE	BASE TYPE				
Brown	0.035"	10-32 UNF	20125	50	110	24.82
Blue	0.04"	10-32 UNF	20115	50	110	24.82
Green	0.05"	10-32 UNF	20135	50	110	24.82
Red	0.06"	10-32 UNF	20155	50	110	24.82
Orange	0.07"	10-32 UNF	20175	50	110	24.82
Gray	0.08"	10-32 UNF	20145	50	110	24.82
Blue	0.04"	Taper # 6	20815	50	110	27.12
Green	0.05"	Taper # 6	20835	50	110	27.12

Vari-Rotor Spray™

COLOR	BASE		PART NUMBER	PACK QUANTITY	PACKS PER CARTON	CARTON (lbs)
	ORIFICE SIZE	BASE TYPE				
Black	0.06" Max	10-32 UNF	20205	25	88	21.08
Black	0.06" Max	Taper # 6	20215	25	88	21.08



Rotor Spray™
10-32 UNF Thread



Inverted Rotor Spray™
10-32 UNF Thread



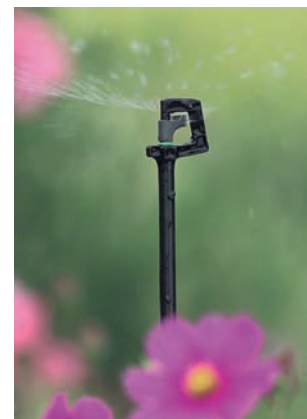
Vari-Rotor Spray™
10-32 UNF Thread



This product has been independently tested at 15 psi by the center for Irrigation Technology, California State University, Fresno.

Performance and Specifications

Performance			ROTOR SPRAY™		VARI-ROTOR SPRAY™		INVERTED ROTOR SPRAY™	
			●		●		●	
			Tested 0.65 ft above ground		Tested 0.65 ft above ground		Tested 2.6 ft above ground	Tested 6.6 ft above ground
BASE COLOR & ORIFICE SIZE	PRESS. (psi)	FLOW (gph)	DIAMETER (ft)	STREAM HEIGHT (inch)	DIAMETER (ft)	STREAM HEIGHT (inch)	DIAMETER (ft)	DIAMETER (ft)
Brown 0.035"	15	8.1	15	10			13.2	17.9
	20	9.4	17	11			13.8	19.4
	25	10.5	17	13			13.8	20.3
Blue 0.04"	15	9.8	17	11			13.9	18.5
	20	11.7	17	12			14.8	19.4
	25	13.0	17	13			15.7	20.3
Green 0.05"	15	16.8	19	14			13.9	19.1
	20	19.5	21	16			14.8	20.0
	25	22.0	21	21			15.7	20.9
	30	24.0	23	24			16.6	21.8
Red 0.06"	15	22.5	23	21			14.5	20.4
	20	26.5	23	23			15.4	20.8
	25	30.0	27	27			16.0	22.2
	30	33.0	27	28			16.5	24.0
Orange 0.07"	15	27.0	25	16			15.1	21.2
	20	31.5	27	19			15.6	23.0
	25	35.5	29	21			16.3	23.9
	30	39.0	29	24			17.2	24.4
Gray 0.08"	15	32.5	25	18			15.1	21.2
	20	39.0	27	24			15.6	23.0
	25	43.5	29	27			16.3	23.9
	30	48.0	31	28			17.2	24.4
Black max 0.06"	15	0 - 22.0			0 - 23	0 - 21		
	20	0 - 26.0			0 - 23	0 - 23		
	25	0 - 30.0			0 - 27	0 - 27		
	30	0 - 33.0			0 - 27	0 - 28		



Rotor Spray™
10-32 UNF Thread

Specifications

DIMENSIONS ASSEMBLED		ROTOR SPRAY™ and INVERTED ROTOR SPRAY™	ROTOR SPRAY™ and INVERTED ROTOR SPRAY™	VARI-ROTOR SPRAY™	VARI-ROTOR SPRAY™
HEIGHT		1.4"	1.4"	1.8"	1.8"
WIDTH		1.1"	1.1"	1.1"	1.1"
WEIGHT (approx)		0.07 oz	0.08 oz	0.12 oz	0.13 oz
UV STABILIZED MATERIALS	FRAME BASE FLIPPER	acetal acetal nylon	acetal acetal nylon	acetal acetal nylon	acetal acetal nylon
BASE/CONNECTION TYPE: Inlet		10-32 UNF THREAD 0.16"	TAPER # 6	10-32 UNF THREAD 0.16"	TAPER # 6





Low trajectory, large droplet mini sprinkler.

Features

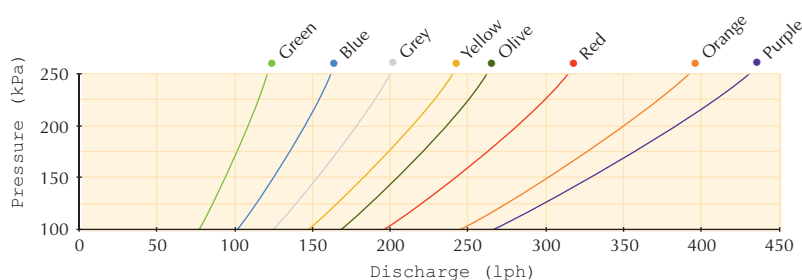
- 'C' Frame design for strength and high distribution uniformity.
- Full flow flipper suspended between two bearings for reliable performance.
- Colour coded nozzles to identify flow rates.
- Break-off spray deflector for close-in watering of immature trees.

Applications

Vines, bananas and tree crops such as citrus and apples.



Flow Rate



Rotor Rain®
3/8" Thread

Rotor Rain® 3/8" BSPM

COLOUR	BASE		ORDER CODE	PACK QUANTITY	PACKS PER CARTON	CARTON (kg)
	ORIFICE SIZE					
Green	1.5 mm		20335	50	28	11.8
Blue	1.7 mm		20315	50	28	11.8
Grey	1.9 mm		20345	50	28	11.8
Yellow	2.0 mm		20395	50	28	11.8
Olive	2.1 mm		20385	50	28	11.8
Red	2.4 mm		20355	50	28	11.8
Orange	2.6 mm		20375	50	28	11.8
Purple	2.8 mm		20365	50	28	11.8



Rotor Rain®
1/2" Thread

Rotor Rain® 1/2" MNPT

COLOUR	BASE		ORDER CODE	PACK QUANTITY	PACKS PER CARTON	CARTON (kg)
	ORIFICE SIZE					
Green	1.5 mm		20535	50	20	11.4
Blue	1.7 mm		20515	50	20	11.4
Grey	1.9 mm		20545	50	20	11.4
Yellow	2.0 mm		20595	50	20	11.4
Olive	2.1 mm		20585	50	20	11.4
Red	2.4 mm		20555	50	20	11.4
Orange	2.6 mm		20575	50	20	11.4
Purple	2.8 mm		20565	50	20	11.4

Rotor Rain® 3/8" MNPT

COLOUR	BASE		ORDER CODE	PACK QUANTITY	PACKS PER CARTON	CARTON (kg)
	ORIFICE SIZE					
Green	1.5 mm		20435	50	28	11.8
Blue	1.7 mm		20415	50	28	11.8
Grey	1.9 mm		20445	50	28	11.8
Yellow	2.0 mm		20495	50	28	11.8
Olive	2.1 mm		20485	50	28	11.8
Red	2.4 mm		20455	50	28	11.8
Orange	2.6 mm		20475	50	28	11.8
Purple	2.8 mm		20465	50	28	11.8



This product has been independently tested by the Australian Irrigation Technology Centre, report No A9010.

Rotor Rain® 3/8" BSPM and 1/2" MNPT are standard items with green, blue, grey or red bases. All others assembled to order. Allow two weeks for assembly and despatch. Urgent orders by arrangement.



Rotor Rain®
3/8" Thread



Rotor Rain®
1/2" Thread

Performance			●		
			Tested 0.2m above ground		
NOZZLE COLOUR AND ORIFICE SIZE	PRESSURE (kPa)	FLOW (lph)	DIAMETER (m)	STREAM HEIGHT (m)	DEFLECTOR DIAMETER (m)
Green 1.5 mm	100	77	7.8	0.5	2.8
	150	94	8.7	0.5	
	200	110	9.1	0.6	
	250	120	8.5	0.7	
Blue 1.7 mm	100	100	8.6	0.7	2.8
	150	125	9.3	0.7	
	200	145	9.6	0.8	
	250	163	9.3	0.9	
Grey 1.9 mm	100	125	8.9	0.7	2.8
	150	153	10.2	0.8	
	200	178	9.8	0.8	
	250	200	10.0	0.9	
Yellow 2.0 mm	100	147	10.0	0.6	3.0
	150	183	11.0	0.8	
	200	215	11.2	0.9	
	250	240	11.0	1.0	
Olive 2.1 mm	100	168	10.7	0.7	3.0
	150	205	11.6	0.8	
	200	235	11.8	0.9	
	250	265	11.4	0.9	
Red 2.4 mm	100	195	11.0	0.6	3.2
	150	240	12.5	0.9	
	200	280	12.5	1.0	
	250	315	12.1	1.0	
Orange 2.6 mm	100	245	10.9	0.7	3.2
	150	300	11.9	0.8	
	200	350	12.1	0.9	
	250	395	12.0	1.0	
Purple 2.8 mm	100	265	11.2	0.8	4.0
	150	330	12.8	0.9	
	200	385	13.0	1.0	
	250	430	12.4	1.1	

Specifications

DIMENSIONS ASSEMBLED	Rotor Rain® 3/8"	Rotor Rain® 1/2"	UV STABILISED MATERIAL	BASE/CONNECTION TYPE
HEIGHT	49 mm	49 mm	FRAME acetal	Inlet: THREAD 3/8" BSPM
WIDTH	46 mm	46 mm	FLIPPER nylon	Inlet: THREAD 1/2" MNPT
WEIGHT (approx)	8 g	10.5 g	NOZZLE acetal	Inlet: THREAD 3/8" MNPT

