



Durable and reliable with excellent distribution uniformity.
Vari-Rotor Spray™ can be adjusted to alter flow and coverage.

Features

- C Frame design for strength and high distribution uniformity.
- Full flow flipper suspended between two bearings for reliable performance.
- Inverted model incorporates special khaki coloured flipper with dust cover to protect bearing.
- Colour coded nozzles to identify flow rates.
- 10-32 UNF Thread for installing into Rigid Risers, Asta® Stake Adaptor, Micro Stake and 1/2" micro threaded adaptors.
- UV stabilised materials for long life.

Applications

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

Ordering Information - Rotor Spray™

Nozzle Size & Colour	Base Type	Order Code	Pack Quantity	Packs per Carton	Carton (kg)
0.9 mm Brown	10-32 UNF	20025	50	110	12.5
1.0 mm Blue	10-32 UNF	20015	50	110	12.5
1.3 mm Green	10-32 UNF	20035	50	110	12.5
1.5 mm Red	10-32 UNF	20055	50	110	12.5
1.8 mm Orange	10-32 UNF	20075	50	110	12.5
2.0 mm Grey	10-32 UNF	20045	50	110	12.5



Rotor Spray™
10-32 UNF Thread

Ordering Information - Inverted Rotor Spray™

Nozzle Size & Colour	Base Type	Order Code	Pack Quantity	Packs per Carton	Carton (kg)
0.9 mm Brown	10-32 UNF	20125	50	110	12.5
1.0 mm Blue	10-32 UNF	20115	50	110	12.5
1.3 mm Green	10-32 UNF	20135	50	110	12.5
1.5 mm Red	10-32 UNF	20155	50	110	12.5



Inverted Rotor Spray™
10-32 UNF Thread

Ordering Information - Vari-Rotor Spray™

Nozzle Size & Colour	Base Type	Order Code	Pack Quantity	Packs per Carton	Carton (kg)
1.5 mm Yellow	10-32 UNF	20295	25	88	9.6
1.5 mm Black	10-32 UNF	20205	25	88	9.6

Ordering Information - Rotor Spray™ Stake Assembly w/300mm Tube & Barb Adaptor

Nozzle Size & Colour	Base Type	Order Code	Pack Quantity	Packs per Carton	Carton (kg)
1.3 mm Green	10-32 UNF	17245	25	16	14.5

Ordering Information - Vari-Rotor Spray™ Stake Assembly w/300mm Tube & Barb Adaptor

Nozzle Size & Colour	Base Type	Order Code	Pack Quantity	Packs per Carton	Carton (kg)
1.5 mm Black	10-32 UNF	17295	25	88	9.6



Vari-Rotor Spray™
10-32 UNF Thread

Specifications

Dimensions Assembled		Rotor Spray™ and Inverted Rotor Spray™	Vari-Rotor Spray™
HEIGHT		35 mm	45 mm
WIDTH		27 mm	27 mm
WEIGHT (approx.)		2 g	3.5 g
UV STABILISED MATERIALS	FRAME	acetal	acetal
	BASE	acetal	acetal
	FLIPPER	nylon	nylon
	KNOB	-	HDPE
BASE/CONNECTION TYPE: Inlet		10-32 UNF Thread 4 mm	10-32 UNF Thread 4 mm

Performance Chart - Rotor Spray™ & Inverted Rotor Spray™

Type			Rotor Spray™		Inverted Rotor Spray™	
			Tested 0.2m above ground		Tested 0.8 m above ground	Tested 2.0 m above ground
Nozzle Size & Colour	Pressure (kPa)	Flow (lph)	Diameter (m)	Stream Height (m)	Diameter (m)	Diameter (m)
0.9 mm Brown	100	31	5.2	0.2	4.0	5.4
	125	35	5.6	0.3	4.2	5.8
	150	38	5.6	0.4	4.2	6.0
1.0 mm Blue	100	38	5.2	0.3	4.2	5.6
	125	42	5.4	0.4	4.4	5.8
	150	46	5.4	0.5	4.6	6.0
1.3 mm Green	100	61	6.0	0.4	4.2	5.8
	150	76	6.9	0.5	4.6	6.2
	200	88	7.2	0.5	5.0	6.6
1.5 mm Red	100	85	6.5	0.4	4.4	6.2
	150	105	7.5	0.4	4.8	6.4
	200	120	8.1	0.4	5.0	7.2
1.8 mm Orange	100	95	6.7	0.3		
	150	117	7.5	0.4		
	200	135	8.4	0.5		
2.0mm Grey	100	120	6.8	0.4		
	150	150	7.8	0.4		
	200	175	8.0	0.5		



Rotor Spray™ Stake Assembly with 300 mm Tube and Adaptor



Vari-Rotor Spray™ Stake Assembly with 300 mm Tube and Adaptor

Performance Chart - Vari-Rotor Spray™

Type			Var-Rotor Spray™	
			Tested 0.2m above ground	
Nozzle Size & Colour	Pressure (kPa)	Flow (lph)	Diameter (m)	Stream Height (m)
1.5 mm Yellow	100	0 - 82	0 - 6.5	0 - 0.4
	150	0 - 105	0 - 7.5	0 - 0.4
	200	0 - 123	0 - 8.1	0 - 0.4
1.5 mm Black	100	0 - 82	0 - 6.5	0 - 0.4
	150	0 - 105	0 - 7.5	0 - 0.4
	200	0 - 123	0 - 8.1	0 - 0.4



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.
- Range extended to include three new low flow nozzle sizes
- Break-off spray deflector for close-in watering of immature trees.

Applications

Vines, row and tree crops such as nuts, citrus and apples.



Rotor Rain®
3/8" BSPM Thread

Ordering Information - Rotor Rain® 3/8" BSPM

Nozzle Size & Colour	Order Code	Pack Quantity	Packs per Carton	Carton (kg)
0.9 mm Black	20625	50	28	11.8
1.0 mm White NEW	20635	50	28	11.8
1.2 mm Brown	20645	50	28	11.8
1.5 mm Green	20335	50	28	11.8
1.7 mm Blue	20315	50	28	11.8
1.9 mm Grey	20345	50	28	11.8
2.0 mm Yellow	20395	50	28	11.8
2.1 mm Olive	20385	50	28	11.8
2.4 mm Red	20355	50	28	11.8
2.6 mm Orange	20375	50	28	11.8
2.8 mm Purple	20365	50	28	11.8



Rotor Rain®
1/2" MNPT Thread

Ordering Information - Rotor Rain® 1/2" MNPT

Nozzle Size & Colour	Order Code	Pack Quantity	Packs per Carton	Carton (kg)
0.9 mm Black	20655	50	20	11.4
1.0 mm White NEW	20665	50	20	11.4
1.2 mm Brown	20675	50	20	11.4
1.5 mm Green	20535	50	20	11.4
1.7 mm Blue	20515	50	20	11.4
1.9 mm Grey	20545	50	20	11.4
2.0 mm Yellow	20595	50	20	11.4
2.1 mm Olive	20585	50	20	11.4
2.4 mm Red	20555	50	20	11.4
2.6 mm Orange	20575	50	20	11.4
2.8 mm Purple	20565	50	20	11.4

Specifications

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

Performance Chart - Rotor Rain®

Nozzle Size & Colour	Pressure (kPa)	Flow (lph)	Tested at 0.2 m above ground		
			Diameter (m)	Stream Height (m)	Deflector Diameter (m)
0.9 mm Black	100	30	3.5	0.3	
	150	37	3.9	0.3	2.2
	200	43	4.1	0.3	
	250	48	4.3	0.4	
1.0 mm White	100	35	4.4	0.4	
	150	43	5.5	0.4	2.5
	200	50	6.1	0.4	
	250	57	6.3	0.5	
1.2 mm Brown	100	54	4.5	0.4	
	150	66	5.6	0.4	2.2
	200	77	6.2	0.4	
	250	86	6.3	0.4	
1.5 mm Green	100	77	7.8	0.5	
	150	94	8.7	0.5	2.8
	200	110	9.1	0.6	
	250	120	8.5	0.7	
1.7 mm Blue	100	100	8.6	0.7	
	150	125	9.3	0.7	2.8
	200	145	9.6	0.8	
	250	163	9.3	0.9	
1.9 mm Grey	100	125	8.9	0.7	
	150	153	10.2	0.8	2.8
	200	178	9.8	0.8	
	250	200	10.0	0.9	
2.0 mm Yellow	100	147	10.0	0.6	
	150	183	11.0	0.8	3.0
	200	215	11.2	0.9	
	250	240	11.0	1.0	
2.1 mm Olive	100	168	10.7	0.7	
	150	205	11.6	0.8	3.0
	200	235	11.8	0.9	
	250	265	11.4	0.9	
2.4 mm Red	100	195	11.0	0.6	
	150	240	12.5	0.9	3.2
	200	280	12.5	1.0	
	250	315	12.1	1.0	
2.6 mm Orange	100	245	10.9	0.7	
	150	300	11.9	0.8	3.2
	200	350	12.1	0.9	
	250	395	12.0	1.0	
2.8 mm Purple	100	265	11.2	0.8	
	150	330	12.8	0.9	4.0
	200	385	13.0	1.0	
	250	430	12.4	1.1	



Rotor Rain® 3/8" Stake Range

5mm CODE: **40555**

10mm CODE: **40515**

13mm CODE: **40535**

*Refer to page 46 for stake information

Performance Chart - Rotor Rain® with PC Adaptor

PC Combination	Pressure (kPa)	Flow (lph)	Tested at 0.2 m above ground		
			Diameter (m)	Stream Height (m)	Deflector Diameter (m)
Orange PC with Brown Nozzle	100	28	3.6		
	150	30	4.2	0.5	1.5
	200	30	4.6		
	250	30	4.8		
	300	30	4.9		
Blue PC with Blue Nozzle	350	30	4.9		
	100	48	4.2		
	150	48	4.3	0.5	1.4
	200	48	4.4		
	250	49	4.5		
Green PC with Olive Nozzle	300	48	4.5		
	350	48	4.4		
	100	59	3.2		
	150	62	4.2	0.5	1.3
	200	62	4.3		
Red PC with Red Nozzle	250	61	4.4		
	300	61	4.3		
	350	62	4.2		
	100	91	4.4		
	150	95	4.8	0.6	1.3
	200	90	4.8		
	250	85	4.7		
	300	86	4.6		
	350	87	4.6		



Rotor Rain® Assemblies come pre-built with Take-Off Adaptor, tubing, stake and Rotor Rain® sprinkler.

Features

- Fully assembled saving on installation time.
- Take-Off Adaptor has easy insert barb.
- Incorporates 600 mm flexible tubing.
- Robust stake for anchoring Rotor Rain® sprinkler.
- Optional Pressure Compensating Adaptor to maintain consistent flow rate. If flexible tube is cut the same flow rate is maintained, avoiding washouts and water wastage.

Applications

Orchard and row crop applications for under tree watering.



Rotor Rain® Assembled on Stake with 600 mm Tube & Adaptor



PC Flow Adaptor

Ordering Information - Rotor Rain® Assembled on Stake w/600 mm Tube & Adaptor

Nozzle Size & Colour	Order Code	Pack Quantity	Packs per Carton	Carton (kg)
0.9 mm Black	43805	10	TBA	TBA
1.0 mm White	43885	10	TBA	TBA
1.2 mm Brown	43825	10	TBA	TBA
1.5 mm Green	43835	10	TBA	TBA

Ordering Information - Rotor Rain® PC Assembled on Stake w/600 mm Tube & Adaptor

PC Adaptor Colour (Nominal Flow)	Order Code	Pack Quantity	Packs per Carton	Carton (kg)
PC (30 lph) Orange, with Brown Nozzle	43925	10	TBA	TBA
PC (48 lph) Blue, with Blue Nozzle	43915	10	TBA	TBA
PC (62 lph) Green, with Olive Nozzle	43985	10	TBA	TBA
PC (90 lph) Red, with Red Nozzle	43955	10	TBA	TBA

* Refer to page 26 for performance information

Ordering Information - PC Flow Adaptor only

Nozzle Size & Colour	Order Code	Pack Quantity	Packs per Carton	Carton (kg)
PC Flow Adaptor (30 lph) Orange	41575	25	TBA	TBA
PC Flow Adaptor (48 lph) Blue	41515	25	TBA	TBA
PC Flow Adaptor (62 lph) Green	41535	25	TBA	TBA
PC Flow Adaptor (90 lph) Red	41555	25	TBA	TBA



Rotor Rain® PC Assembled on Stake with 600 mm Tube & Adaptor

Rotor Max™ Midi Sprinklers



Robust and reliable “spinner” sprinkler for use above and below plant foliage and with two trajectory options. Excellent sprinkler distribution patterns and performance.

Features

- Dual outlet spinner enhances performance.
- Standard model has a 25° trajectory with black coloured spinner.
- Inverted model has a 0° flat trajectory with khaki coloured spinner.
- Range extended to include two new low flow nozzle sizes (2.0 mm & 2.4 mm).
- Easily taken apart for servicing.
- UV stabilised materials for long life.

Applications

Greenhouses, vegetable row crops and under tree watering. Inverted Rotor Max™ is ideal for over-head watering in glasshouse, nursery and shade house applications. The 0° trajectory sprinkler is also suited to standard upright operation, excellent for under foliage or wind affected locations.

Performance Chart

Nozzle Size & Colour	Pressure (kPa)	Flow (lph)	Upright - 25° on 0.2m Riser		Inverted - 0° on 2m Riser
			Diameter (m)	Stream Height (m)	Diameter (m)
2.0 mm Yellow	100	145	6.8	0.7	7.2
	150	175	8.0	1.0	8.2
	200	205	9.0	1.1	9.2
	250	230	9.4	1.1	9.4
	300	255	9.8	1.2	9.6
2.4 mm Green	100	215	7.6	0.7	8.4
	150	275	9.0	1.0	9.2
	200	315	10.0	1.1	9.8
	250	345	10.2	1.1	10.2
2.8 mm Red	300	375	10.4	1.2	10.0
	100	300	11.0	0.9	11.0
	150	355	12.0	1.0	12.0
	200	400	13.0	1.2	13.0
3.2 mm Black	250	460	13.0	1.2	13.0
	300	500	13.0	1.4	13.0
	100	375	11.0	0.9	11.0
	150	460	12.0	1.0	12.0
3.8 mm Purple	200	540	13.0	1.2	13.0
	250	600	13.0	1.2	13.0
	300	660	14.0	1.3	14.0
	100	550	11.9	0.7	11.9
	150	665	12.5	0.9	12.5
	200	775	13.8	1.0	13.8
	250	875	14.0	1.1	14.0
	300	975	13.4	1.2	13.4

Ordering Information - Rotor Max™ 3/8" BSPM

Nozzle Size & Colour	Order Code	Pack Quantity	Packs per Carton	Carton (kg)
2.0 mm Yellow	21175	20	10	8.0
2.4 mm Green	21185	20	10	8.0
2.8 mm Red	21155	20	10	8.0
3.2 mm Black	21105	20	10	8.0
3.8 mm Purple	21165	20	10	8.0

Ordering Information - Rotor Max™ 1/2" BSPM

Nozzle Size & Colour	Order Code Upright Black 25°	Order Code Inverted Khaki 0°	Pack Quantity	Packs per Carton	Carton (kg)
2.0 mm Yellow	21075	21585	20	10	8.2
2.4 mm Green	21085	21595	20	10	8.2
2.8 mm Red	21055	21555	20	10	8.2
3.2 mm Black	21005	21505	20	10	8.2
3.8 mm Purple	21065	21565	20	10	8.2

Specifications

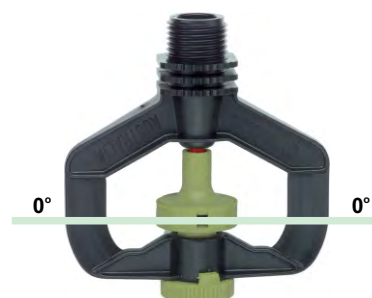
Dimensions Assembled		UV Stabilised Material		Base/Connection Type	
HEIGHT	96 mm	FRAME	polypropylene	Inlet:	THREAD 3/8" BSPM
WIDTH	90 mm	SPINNER	acetal	Inlet:	THREAD 1/2" BSPM
WEIGHT (approx.)	38 g	NOZZLE	acetal		



Upright - 25° Trajectory
(Black Spinner)



Upright - 0° Trajectory
(Khaki Spinner)



Inverted - 0° Trajectory
(Khaki Spinner)

RotorMax™ 3/8"
Stake Range

10mm CODE: **40515**

13mm CODE: **40535**

*Refer to page 46
for stake information

