



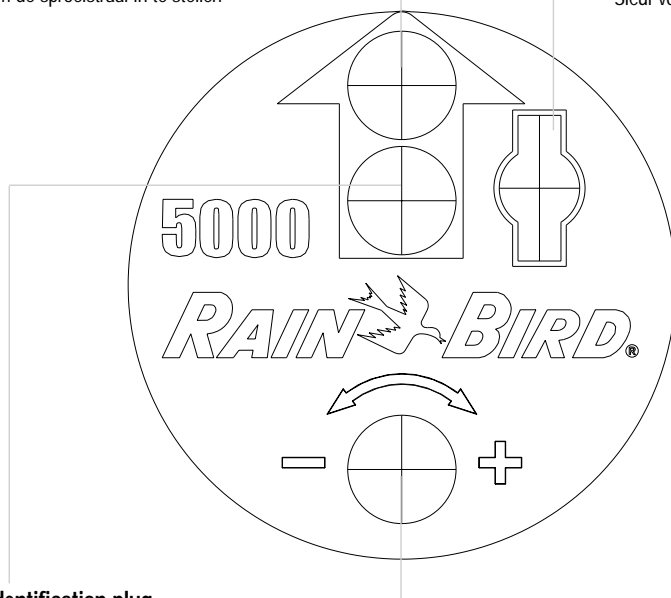
5000 Series Rotor

Radius Adjustment slot

Cavité de réglage de la portée
Sektoreneinstellschraube
Soquete de Ajuste del Alcance
Parafuso de ajuste do raio de alcance
Alloggiamento vite rompigetto
Schroef om de sproeistraal in te stellen

Pull-up slot

Cavité "pull-up"
Öffnung zum Hochziehen
Ranura de Levante
Ranhura de puxar
Alloggiamento attrezzo solle vamento
Sleuf voor ohhoogtrekken stijgbuis



Nozzle Identification plug

Pastille d'identification de la buse
Fassung für Stopfen (ID plug) zur Identifikation der Düsendgröße
Tapón de Identificación de la Boquilla
Botão de identificação do bocal
Targhetta di identificazione del bocaglio (Tappo ID)
Nozzle maat Identificatie (ID dop)

Arc Adjustment slot

Cavité de réglage du secteur
Schlitz zur Sektoreneinstellung
Soquete de Ajuste del Arco de Cobertura
Parafuso de ajuste do setor de cobertura
Alloggiamento vite regolazione settore
Sproeihoek afstelsleuf

Nozzle Performance (Standard)

5000 Standard Angle Rain Curtain Nozzle Performance

Pressure psi	Nozzle	Radius ft.	Flow GPM	Square Precip. in/h	Triangular Precip. in/h
25	1.0	27	0.80	0.21	0.24
	1.5	31	1.00	0.20	0.23
	2.0	31	1.65	0.33	0.38
	3.0	35	2.58	0.41	0.47
	4.0	35	3.20	0.50	0.58
35	6.0	35	4.46	0.70	0.81
	1.0	28	0.97	0.24	0.28
	1.5	31	1.25	0.25	0.29
	2.0	32	1.99	0.37	0.43
	3.0	37	3.11	0.44	0.51
45	4.0	37	3.86	0.54	0.63
	6.0	37	5.42	0.76	0.88
	1.0	28	1.12	0.28	0.32
	1.5	32	1.42	0.27	0.31
	2.0	32	2.31	0.43	0.50
55	3.0	37	3.59	0.51	0.58
	4.0	37	4.46	0.63	0.72
	6.0	37	6.26	0.88	1.02
	1.0	28	1.23	0.30	0.35
	1.5	31	1.60	0.32	0.37
65	2.0	33	2.56	0.45	0.52
	3.0	37	3.95	0.56	0.64
	4.0	38	4.96	0.66	0.76
	6.0	40	7.03	0.85	0.98
	1.0	28	1.35	0.33	0.38
65	1.5	31	1.77	0.35	0.41
	2.0	33	2.89	0.51	0.59
	3.0	38	4.37	0.58	0.67
	4.0	38	5.40	0.72	0.83
	6.0	40	7.65	0.92	1.06

5000 Low Angle Nozzle Performance

Pressure psi	Nozzle	Radius ft.	Flow GPM	Square Precip. in/h	Triangular Precip. in/h
25	1.0	23	0.69	0.25	0.29
	2.0	24	1.45	0.48	0.56
	4.0	25	3.14	0.97	1.12
35	1.0	25	0.80	0.25	0.29
	2.0	26	1.77	0.50	0.58
	4.0	28	3.84	0.94	1.09
45	1.0	26	0.94	0.27	0.31
	2.0	27	2.04	0.54	0.62
	4.0	31	4.29	0.86	0.99
55	1.0	26	1.04	0.30	0.34
	2.0	28	2.27	0.56	0.64
	4.0	31	4.74	0.95	1.10
65	1.0	26	1.15	0.33	0.38
	2.0	29	2.45	0.56	0.65
	4.0	31	5.21	1.04	1.21

5000 Radius+ Nozzle Performance

Pressure psi	Nozzle	Radius ft.	Flow GPM	Square Precip. in/h	Triangular Precip. in/h
25	1.5	31	1.40	0.28	0.32
	3.0	35	3.33	0.52	0.60
	6.0	39	4.91	0.62	0.72
35	1.5	33	1.70	0.30	0.35
	3.0	40	4.05	0.49	0.56
	6.0	45	6.00	0.57	0.66
45	1.5	35	1.93	0.30	0.35
	3.0	42	4.67	0.51	0.59
	6.0	47	6.84	0.60	0.69
55	1.5	35	2.13	0.33	0.39
	3.0	43	5.27	0.55	0.63
	6.0	49	7.71	0.62	0.71
65	1.5	35	2.33	0.37	0.42
	3.0	43	5.65	0.59	0.68
	6.0	50	8.41	0.65	0.75

Precipitation rates calculated at 50% diameter "head to head" spacing, half circle operation.

Tasa de precipitación en base a un diámetro de alcance de 50%, en cobertura de semicírculo.

Pluviometria baseada em 50% do diâmetro de alcance, com o aspersor operando em meio-círculo.

Pluviometria calcolata con un avanzamento del 50% della gittata e una rotazione di 180°.

Pluviométrie horaire calculée pour des arroseurs fonctionnant en demi-cercle et écartés de 50% du diamètre arrosé.

Die Berechnungsdichte bezieht sich auf 180° bei einem Regnerabstand von 50% des berechneten Durchmessers.

Neerslagintensiteiten berekend voor afstand tussen sproeiers van 50% van diameter, met sectorinstelling 180 graden.



Nozzle Performance

(Metric)

5000 Standard Angle Rain Curtain Nozzle Performance - METRIC

Pressure bar	Nozzle	Radius m	Flow m ³ /h	Flow l/s	Square Precip. mm/h	Triangular Precip. mm/h
1,7	1,0	8,2	0,18	0,05	5	6
	1,5	9,4	0,23	0,06	5	6
	2,0	9,4	0,37	0,10	8	10
	3,0	10,7	0,59	0,16	10	12
	4,0	10,7	0,73	0,20	13	15
6,0	10,7	1,01	0,28	18	21	
2,0	1,0	8,4	0,20	0,05	6	7
	1,5	9,4	0,25	0,07	6	6
	2,0	9,6	0,41	0,11	9	10
	3,0	10,8	0,63	0,18	11	12
	4,0	10,9	0,79	0,22	13	15
6,0	11,0	1,10	0,31	18	21	
2,5	1,0	8,5	0,22	0,06	6	7
	1,5	9,4	0,28	0,08	6	7
	2,0	9,8	0,45	0,13	10	11
	3,0	11,1	0,71	0,20	11	13
	4,0	11,2	0,88	0,24	14	16
6,0	11,3	1,23	0,34	19	22	
3,0	1,0	8,5	0,25	0,07	7	8
	1,5	9,8	0,32	0,09	7	8
	2,0	9,8	0,52	0,15	11	13
	3,0	11,2	0,82	0,23	13	15
	4,0	11,3	1,01	0,28	16	18
6,0	11,4	1,42	0,39	22	26	
3,5	1,0	8,5	0,27	0,08	7	9
	1,5	9,8	0,35	0,10	7	9
	2,0	9,8	0,56	0,16	12	13
	3,0	11,3	0,87	0,24	13	15
	4,0	11,4	1,08	0,30	17	19
6,0	11,6	1,52	0,42	23	26	
4,0	1,0	8,5	0,29	0,08	8	9
	1,5	9,8	0,38	0,11	8	10
	2,0	10,0	0,62	0,17	12	14
	3,0	11,5	0,94	0,26	14	16
	4,0	11,5	1,16	0,32	18	20
6,0	12,0	1,64	0,46	23	27	
4,5	1,0	8,5	0,31	0,09	8	10
	1,5	9,8	0,40	0,11	9	10
	2,0	10,1	0,66	0,18	13	15
	3,0	11,6	0,99	0,28	15	17
	4,0	11,6	1,23	0,34	18	21
6,0	12,2	1,74	0,48	23	27	

5000 Low Angle Nozzle Performance - METRIC

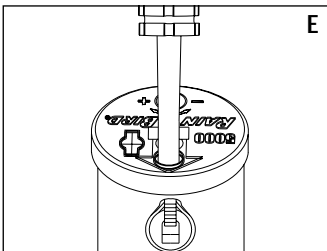
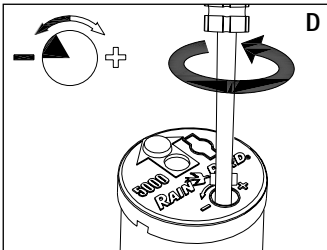
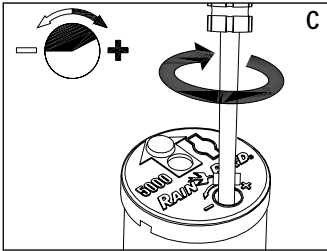
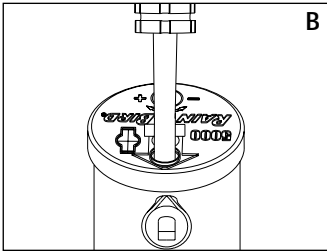
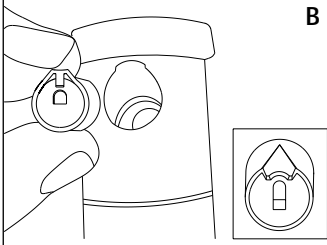
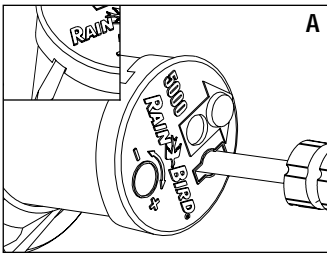
Pressure bar	Nozzle	Radius m	Flow m ³ /h	Flow l/s	Square Precip. mm/h	Triangular Precip. mm/h
1,7	1,0	7,0	0,16	0,04	6	7
	2,0	7,3	0,33	0,09	12	14
	4,0	7,6	0,71	0,20	25	28
2,0	1,0	7,3	0,17	0,05	6	7
	2,0	7,6	0,36	0,10	13	14
	4,0	8,0	0,78	0,22	24	28
2,5	1,0	7,6	0,18	0,05	6	7
	2,0	7,9	0,40	0,11	13	15
	4,0	8,5	0,87	0,24	24	28
3,0	1,0	7,9	0,21	0,06	7	8
	2,0	8,2	0,46	0,13	14	16
	4,0	9,4	0,97	0,27	22	25
3,5	1,0	7,9	0,23	0,06	7	8
	2,0	8,4	0,49	0,14	14	16
	4,0	9,4	1,04	0,29	23	27
4,0	1,0	7,9	0,25	0,07	8	9
	2,0	8,7	0,53	0,15	14	16
	4,0	9,4	1,12	0,31	25	29
4,5	1,0	7,9	0,26	0,07	8	10
	2,0	8,8	0,56	0,15	14	16
	4,0	9,4	1,18	0,33	27	31



5000 Radius+ Nozzle Performance - METRIC

Pressure bar	Nozzle	Radius m	Flow m ³ /h	Flow l/s	Square Precip. mm/h	Triangular Precip. mm/h
1,7	1,5	9,4	0,32	0,09	7	8
	3,0	10,7	0,76	0,21	13	15
	6,0	11,9	1,12	0,31	16	18
2,0	1,5	9,7	0,35	0,10	7	8
	3,0	11,3	0,82	0,23	13	15
	6,0	12,6	1,21	0,34	15	18
2,5	1,5	10,1	0,39	0,11	8	9
	3,0	12,2	0,92	0,26	12	14
	6,0	13,7	1,36	0,38	14	17
3,0	1,5	10,7	0,44	0,12	8	9
	3,0	12,8	1,06	0,29	13	15
	6,0	14,3	1,55	0,43	15	17
3,5	1,5	10,7	0,47	0,13	8	9
	3,0	12,9	1,13	0,31	14	16
	6,0	14,6	1,66	0,46	16	18
4,0	1,5	10,7	0,50	0,14	9	10
	3,0	13,0	1,22	0,34	14	17
	6,0	15,0	1,80	0,50	16	19
4,5	1,5	10,7	0,53	0,15	9	11
	3,0	13,1	1,28	0,36	15	17
	6,0	15,2	1,91	0,53	16	19

English Installation Instructions



Installing and Removing Nozzles:

1. Insert tool into pull-up slot, turn 90 degrees, and lift up stem. **(A)**
2. Insert the desired nozzle into the nozzle socket, and turn the radius adjustment screw clockwise to secure the nozzle in place. **(B)**
3. Insert the selected nozzle's identification plug into the opening on the top of the rotor.
4. To remove the nozzle, first back out the radius adjustment screw. With a needle nose plier, grasp post under nozzle opening. Remove nozzle.

Note: To lift up stem, you may also insert the tool, or a bladed screwdriver, into the slot on the side of the turret cap.

Setting the Arc:

The arc is adjustable from 40 –360 degrees (PC units only). The rotor is factory set to 180 degrees.

Align Fixed LEFT Edge:

1. Pull up turret and turn to the left trip point (counterclockwise). **CAUTION:** If the rotor does not turn easily to the left, first turn it right (clockwise) to the right trip point.
2. Rotate entire case to the desired fixed left position, OR unscrew cap and pull out assembly. Rotate internals to re-align left trip point to the desired point and re-install.

To increase the arc: (C)

1. While holding the nozzle turret at the fixed LEFT stop, insert tool or screwdriver into the adjustment socket.
2. Turn the screwdriver clockwise, (+) to INCREASE arc.
3. Each full clockwise turn of the screwdriver will add 90 degrees of arc.
4. When the maximum arc of 360 degrees has been set, you will hear a ratcheting noise. Do not adjust the rotor beyond the maximum arc.

To decrease the arc: (D)

1. While holding the nozzle turret at the fixed LEFT stop, insert tool or screwdriver into the arc adjustment socket.
2. Turn the screwdriver counterclockwise, (-) to DECREASE arc.
3. Each full counterclockwise turn of the screwdriver will remove 90 degrees of arc.
4. When the minimum arc of 40 degrees has been set, you will hear a ratcheting noise. Do not adjust the rotor below the minimum arc.

Radius Adjustment: (Radius can be reduced up to 25%) (E)

1. Insert tool or screwdriver into the radius adjustment socket.
2. Turn the screwdriver clockwise to reduce radius, and counterclockwise to increase radius.

