3504 Series Nozzle Performance

IMPERIAL				■	▲
Pressure psi	**Nozzle**	**Radius ft.**	**Flow gpm**	**Precip In/h**	**Precip In/h**
25	0.75	15	0.54	0.46	0.53
	1.0	20	0.77	0.37	0.43
	1.5	23	1.06	0.39	0.45
	2.0	27	1.40	0.37	0.43
	3.0	29	2.17	0.50	0.57
	4.0	31	2.97	0.59	0.69
35	0.75	17	0.67	0.45	0.52
	1.0	21	0.92	0.40	0.46
	1.5	23	1.28	0.47	0.54
	2.0	27	1.69	0.45	0.52
	3.0	31	2.60	0.52	0.60
	4.0	33	3.58	0.63	0.73
45	0.75	17	0.77	0.51	0.59
	1.0	21	1.06	0.46	0.53
	1.5	24	1.48	0.49	0.57
	2.0	27	1.93	0.51	0.59
	3.0	31	3.00	0.60	0.69
	4.0	35	4.13	0.65	0.75
55	0.75	18	0.85	0.51	0.58
	1.0	22	1.18	0.47	0.54
	1.5	24	1.65	0.55	0.64
	2.0	28	2.15	0.53	0.61
	3.0	32	3.25	0.61	0.71
	4.0	35	4.60	0.72	0.83

Precipitation rates based on half-circle operation

■ *Square spacing based on 50% diameter of throw*
▲ *Triangular spacing based on 50% diameter of throw*

Performance data collected in zero wind conditions
Performance data derived from tests that conform with ASABE Standards; ASABE S398.1.

METRIC					■	▲
Pressure bar	**Nozzle**	**Radius m**	**Flow m^3/h**	**Flow l/m**	**Precip mm/h**	**Precip mm/h**
1.7	0.75	4.6	0.12	2.04	12	14
	1.0	6.1	0.17	2.91	9	11
	1.5	7.0	0.24	4.01	10	11
	2.0	8.2	0.32	5.30	9	11
	3.0	8.8	0.49	8.21	13	15
	4.0	9.4	0.67	11.24	15	17
2.0	0.75	4.8	0.13	2.24	12	13
	1.0	6.2	0.19	3.14	10	11
	1.5	7.0	0.26	4.35	11	12
	2.0	8.2	0.34	5.74	10	12
	3.0	9.1	0.53	8.87	13	15
	4.0	9.7	0.73	12.17	16	18
2.5	0.75	5.2	0.16	2.58	12	13
	1.0	6.4	0.21	3.55	10	12
	1.5	7.0	0.30	4.94	12	14
	2.0	8.2	0.39	6.51	12	13
	3.0	9.4	0.60	10.03	13	16
	4.0	10.1	0.83	13.82	16	19
3.0	0.75	5.2	0.17	2.86	13	15
	1.0	6.4	0.24	3.93	12	13
	1.5	7.3	0.33	5.49	12	14
	2.0	8.2	0.43	7.17	13	15
	3.0	9.4	0.67	11.13	15	17
	4.0	10.6	0.92	15.32	16	10
3.5	0.75	5.4	0.19	3.09	13	15
	1.0	6.6	0.26	4.27	12	14
	1.5	7.3	0.36	5.97	13	15
	2.0	8.4	0.47	7.79	13	15
	3.0	9.6	0.71	11.90	15	18
	4.0	10.7	1.00	16.66	18	20
3.8	0.75	5.5	0.19	3.22	13	15
	1.0	6.7	0.27	4.47	12	14
	1.5	7.3	0.37	6.25	14	16
	2.0	8.5	0.49	8.14	13	15
	3.0	9.8	0.74	12.30	16	18
	4.0	10.7	1.04	17.41	18	21

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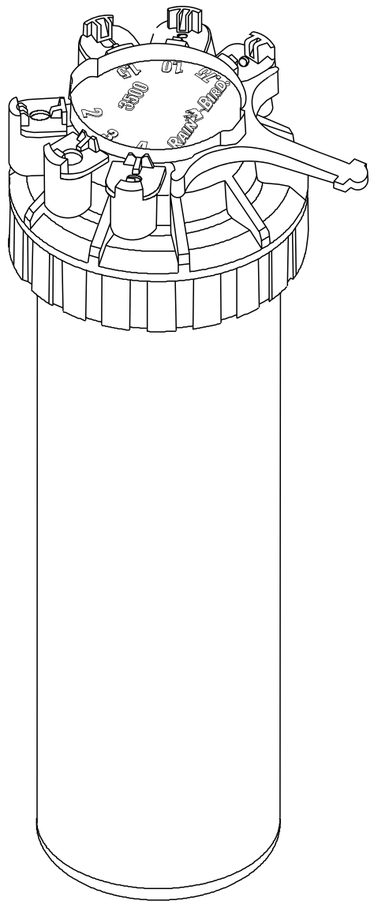
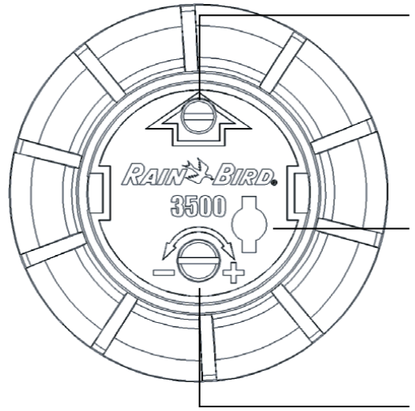
3500 Series Rotor

Installation Instructions



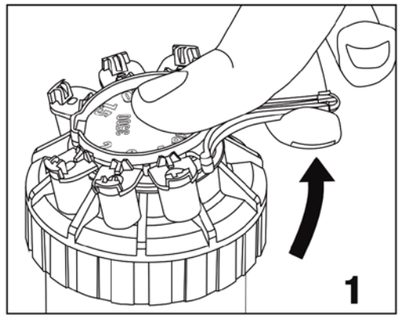


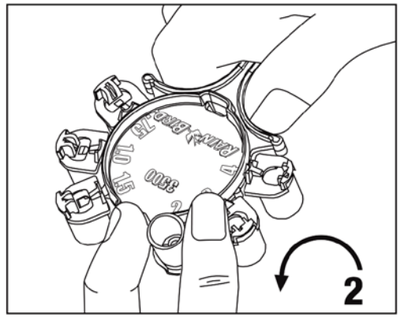
Nozzle Identification
Tapón de Identificación de la Boquilla

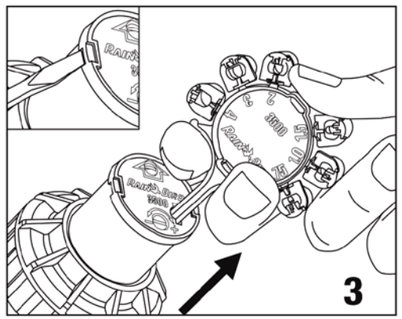
Nozzle Retention
Ranura de Ajuste del Eadio

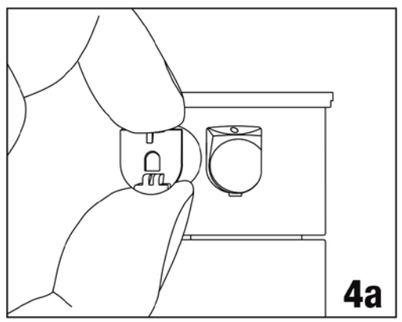
Pull-Up Slot
Ranura de Levante

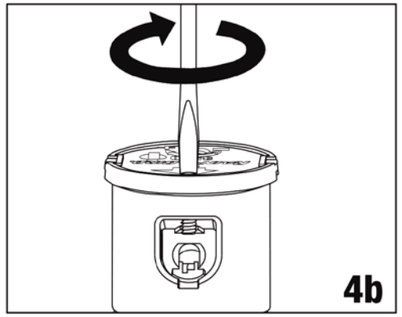
Arc Adjustment Slot
Ranura de Ajuste del Arco de Cobertura

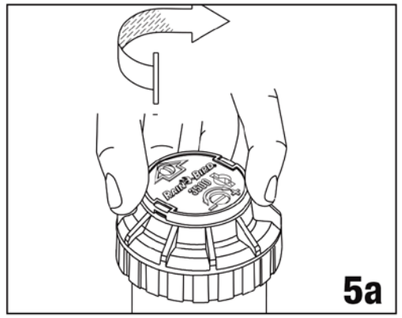


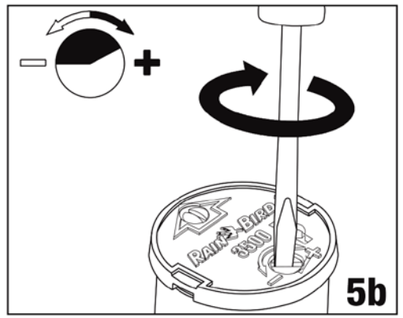


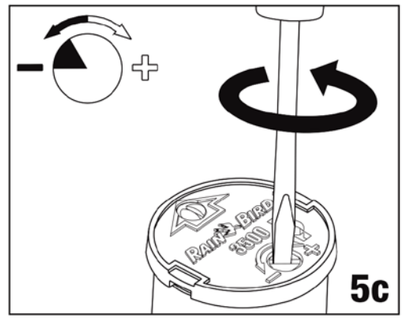


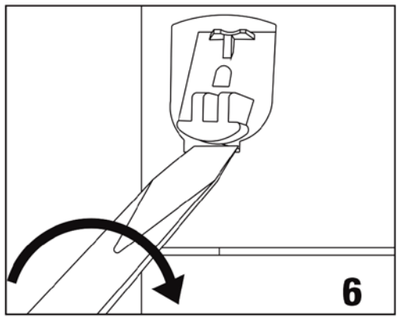


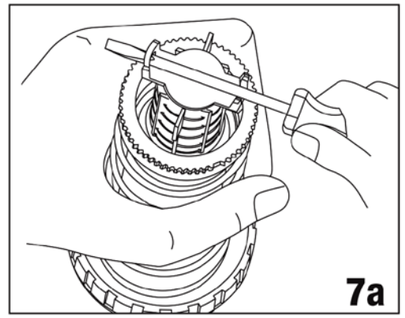


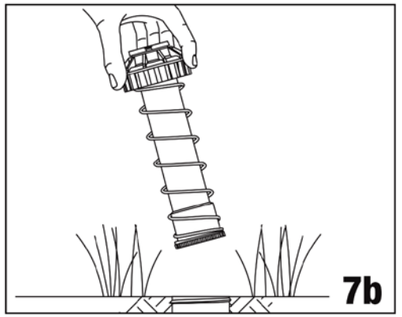


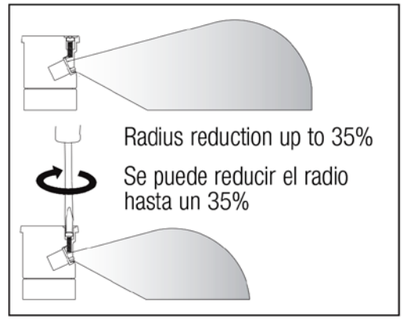












English Installation Instructions

1. Remove nozzle TREE from rotor.

2. Select desired nozzle.

3. Lift up stem.

4. Installing nozzles:

4a. Insert nozzle, (press firmly until nozzle seats).

4b. Turn nozzle retention screw to retain nozzle.

5. Setting the arc: Arc is adjustable from 40–360 degrees.

5a. Find fixed LEFT edge.

5b. To increase arc, turn right (clockwise).

5c. To decrease arc, turn left (counterclockwise).

6. Removing nozzles.

7. Cleaning filter screen:

7a. Remove internals from case.

7b. Remove Filter screen.

Español Instrucciones para la Instalación

1. Remueva el portaboquilla “TREE” del aspersor de turbina.

2. Seleccione la boquilla.

3. Levante el vástago.

4. La instalación de las boquillas:

4a. Introduzca la boquilla (presione firmemente hasta que la boquilla se asiente).

4b. Gire el tornillo de ajuste del radio para fijar la boquilla.

5. El reglaje del arco de cobertura: El arco de cobertura puede ser ajustado desde 40 hasta 360 grados.

5a. Ubique el borde izquierdo del punto de parada.

5b. Para aumentar el arco de cobertura, gire hacia la derecha (en el sentido de las manecillas del reloj).

5c. Para disminuir el arco de cobertura, gire hacia la izquierda (en el sentido contrario al de las manecillas del reloj).

6. Cómo se quitan las boquillas.

7. La limpieza del filtro de malla:

7a. Remueva el mecanismo interno de la carcasa.

7b. Remueva el filtro de malla.