

NOZZLE INSTALLATION GUIDE

1" PART CIRCLE GOLF ROTOR

MODELS: R-820-B, R-850-C, R-850-E, R-850-H

STEP 1: REMOVE DRIVE ASSEMBLY

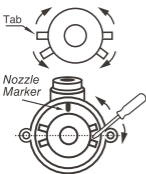
STEP 2: INSTALL NEW NOZZLE

- Remove screws (2) on top of nozzle cap.
- Pull off nozzle cap.
- Snap in correct nozzle. (see Performance Chart).
- To remove nozzle, pull out using snap ring tool or screwdriver

STEP 3: INSTALL NEW CONVERSION DRIVE ASSEMBLY

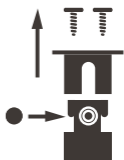
- Place new assembly in body.
- Install new snap ring.
- Reinstall cap with screws (2).

ADJUSTABLE PART CIRCLE OPERATION



- Rotor must be OFF.
- Rotate EASY ARC Cap.
- Using a small screw driver or pointed object, move right and left tabs on each side of the Nozzle Marker. Example 180°
- Replace EASY ARC cap.

NOTE: Make sure nozzle faces area to be irrigated.



PERFORMANCE DATA

1" PART CIRCLE GOLF ROTOR

MODELS: R-820-B, R-850-C, R-850-E, R-850-H

Nozzle	Pressure		Discharge	Precipitation Rate ¹		Pressure	Max. Radius*	Discharge	Precipitation Rate ¹		
	PSI	ft.		gpm	in/hr				in/hr	mm/hr	mm/hr
8 Black	60	37	7.9	0.56	0.64	4.1	410	0.5	1.8	14.18	16.37
	70	37	10.1	0.71	0.82	4.8	480	0.6	2.3	18.13	20.93
	80	-	-	-	-	5.5	550	-	-	-	-
12 Gray	60	40	9.0	0.54	0.63	4.1	410	0.6	2.0	13.82	15.96
	70	40	12.0	0.72	0.83	4.8	480	0.8	2.7	18.43	21.28
	80	-	-	-	-	5.5	550	-	-	-	-
14 Yellow	60	49	11.9	0.48	0.55	4.1	410	0.8	2.7	12.18	14.06
	70	47	14.5	0.63	0.73	4.8	480	0.9	3.3	16.13	18.63
	80	-	-	-	-	5.5	550	-	-	-	-
16 Orange	60	53	15.0	0.51	0.59	4.1	410	0.9	3.4	13.12	15.15
	70	51	16.3	0.60	0.70	4.8	480	1.0	3.7	15.40	17.78
	80	-	-	-	-	5.5	550	-	-	-	-
18 Brown	60	57	16.8	0.50	0.58	4.1	410	1.1	3.8	12.71	14.67
	70	55	18.3	0.58	0.67	4.8	480	1.2	4.2	14.87	17.17
	80	-	-	-	-	5.5	550	-	-	-	-
19 Red	60	55	19.7	0.63	0.72	4.1	410	1.2	4.5	16.00	18.48
	70	55	21.1	0.67	0.78	4.8	480	1.3	4.8	17.14	19.79
	80	59	22.2	0.61	0.71	5.5	550	1.4	5.0	15.59	18.00
25 Blue	60	61	21.2	0.55	0.63	4.1	410	1.3	4.8	14.00	16.17
	70	59	24.4	0.68	0.78	4.8	480	1.5	5.5	17.22	19.89
	80	65	26.4	0.60	0.69	5.5	550	1.7	6.0	15.27	17.64
28 Green	60	63	26.4	0.64	0.74	4.1	410	1.7	6.0	16.35	18.87
	70	65	26.2	0.60	0.69	4.8	480	1.7	6.0	15.24	17.60
	80	67	32.4	0.66	0.76	5.5	550	1.9	6.9	16.66	19.24

¹ Precipitation rates for square and triangular spacing calculated at 50% of diameter for half-circle operation. Assumes zero wind for precipitation and radius. Adjust for local conditions.