

NOZZLE INSTALLATION GUIDE

1 ¼" FULL CIRCLE GOLF ROTOR

MODELS: R-871-C, R-871-E, R-871-H

STEP 1: REMOVE DRIVE ASSEMBLY

STEP 2: INSTALL NEW NOZZLE

- Twist off nozzle/cap (counterclockwise).
- Pull off nozzle assembly.
- Snap in correct nozzle. (see Performance Chart).



FOR WINDY CONDITIONS

- Turn short range nozzle to vertical position to improve distribution patterns.

NORMAL WINDY



STEP 3: RE-INSTALL DRIVE ASSEMBLY

- Place new assembly in body.
- Install new snap ring.
- Reinstall nozzle/cap assembly. (twist on clockwise).

NOTE: Cap is self-tightening, no need to overtighten.



PERFORMANCE DATA

1 ¼" FULL CIRCLE GOLF ROTOR

MODELS: R-871-C, R-871-E, R-871-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 ▲
37 Red	60	67	33.2	0.71	0.82	4.1	410	2.1	7.5	18.19	21.00
	70	73	36.1	0.65	0.75	4.8	480	2.3	8.2	16.65	19.23
	80	77	48.1	0.78	0.90	5.5	550	3.0	10.9	19.94	23.03
	90	73	36.1	0.65	0.75	6.2	620	2.3	8.2	16.65	19.23
40 Brown	60	65	34.3	0.78	0.90	4.1	410	2.2	7.8	19.95	23.04
	70	73	38.6	0.70	0.81	4.8	480	2.4	8.8	17.82	20.58
	80	79	50.6	0.78	0.90	5.5	550	3.2	11.5	19.90	22.98
	90	75	42.6	0.73	0.73	6.2	620	2.7	9.7	18.61	21.50
45 Green	60	67	36.8	0.79	0.91	4.1	410	2.3	8.4	20.16	23.28
	70	76	41.7	0.70	0.80	4.8	480	2.6	9.5	17.74	20.49
	80	85	52.5	0.70	0.81	5.5	550	3.3	11.9	17.87	20.63
	90	83	45.9	0.64	0.74	6.2	620	2.9	10.4	16.36	18.89
50 Black	60	73	44.6	0.81	0.93	4.1	410	2.8	10.1	20.56	23.74
	70	77	46.9	0.76	0.88	4.8	480	3.0	10.7	19.46	22.47
	80	89	56.2	0.68	0.79	5.5	550	3.5	12.8	17.42	20.12
	90	89	51.3	0.62	0.72	6.2	620	3.2	11.6	15.91	18.37
57 Blue	60	75	46.0	0.79	0.91	4.1	410	2.9	10.5	20.11	23.23
	70	79	48.8	0.75	0.87	4.8	480	3.1	11.1	19.20	22.17
	80	93	61.7	0.69	0.79	5.5	550	3.9	14.0	17.54	20.26
	90	93	54.2	0.60	0.70	6.2	620	3.4	12.3	15.39	17.77

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.