

INSTALLATION AND NOZZLE REPLACEMENT GUIDE

INS-R-51DR

REPLACES: Rain Bird® 51D

STEP 1: REMOVE OLD DRIVE ASSEMBLY

STEP 2: ASSEMBLE NEW CONVERSION ASSEMBLY

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



STEP 3: INSTALL NEW CONVERSION ASSEMBLY

- Place new assembly in body use old body seal.
- Install new snap ring.
- Install conversion collar.
- Reinstall nozzle/cap assembly. (twist on clockwise).
- Using tool push down in snap ring slots (2) until click in.



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

PERFORMANCE DATA

INS-R-51DR

Nozzle		Base Pressure (PSI)										
		50	55	60	65	70	75	80	85	90	95	100
14 Orange	Radius	55	56	57	58	59	59	60	61	61	62	62
	GPM	13.3	14.1	14.9	15.7	16.3	16.9	17.5	17.8	18.1	18.4	18.7
16 Brown	Radius	60	61	62	63	64	64	65	66	67	67	68
	GPM	16.8	17.2	17.5	17.9	18.6	19.3	20.0	21.0	21.9	22.9	23.8
18 Blue	Radius	62	63	64	65	66	66	67	68	70	71	72
	GPM	16.8	17.2	17.5	17.9	18.6	19.3	20.0	21.0	21.9	22.9	23.8
20 Red	Radius	66	67	68	69	70	70	71	72	73	74	75
	GPM	25.0	25.8	26.6	27.4	28.1	28.8	29.5	21.0	32.5	34.0	35.5

Shaded area represents pressure not recommended for optimal nozzle performance.