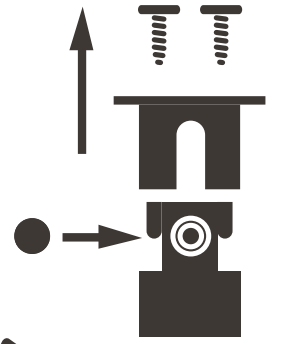
NOZZLE INSTALLATION GUIDE

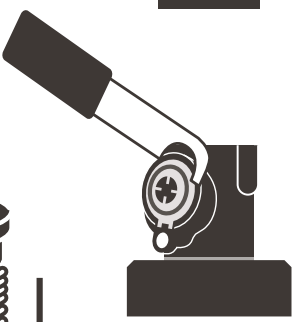
INS-T-835-865

STEP 1: REMOVE DRIVE ASSEMBLY



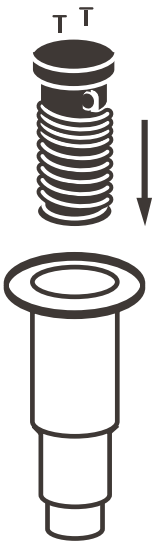
STEP 2: INSTALL NEW NOZZLE

- 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.

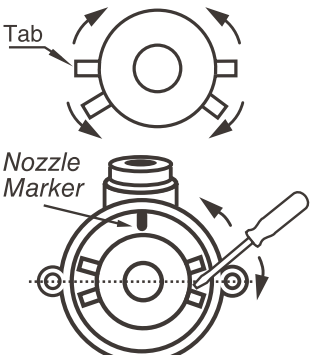


STEP 3: INSTALL NEW CONVERSION DRIVE ASSEMBLY

- 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.

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PERFORMANCE DATA

INS-T-835-865

Nozzle	Pressure PSI	Max. Radius* ft.	Discharge gpm	Precipitation Rate[1] in/hr ■	Precipitation Rate[1] in/hr ▲	Pressure BAR	Pressure kPa	Max. Radius* m	Discharge L/s	Discharge m^3/hr	Precipitation Rate[1] mm/hr ■	Precipitation Rate[1] mm/hr ▲
8 Black	60	37	7.9	0.56	0.64	4.1	410	11.2	0.5	1.8	14.18	16.37
	70	37	10.1	0.71	0.82	4.8	480	11.2	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	12.2	0.6	2.0	13.82	15.96
	70	40	12.0	0.72	0.83	4.8	480	12.2	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	14.9	0.8	2.7	12.18	14.06
	70	47	14.5	0.63	0.73	4.8	480	14.3	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	16.1	0.9	3.4	13.12	15.15
	70	51	16.3	0.60	0.70	4.8	480	15.5	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	17.3	1.1	3.8	12.71	14.67
	70	55	18.3	0.58	0.67	4.8	480	16.7	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	16.7	1.2	4.5	16.00	18.48
	70	55	21.1	0.67	0.78	4.8	480	16.7	1.3	4.8	17.14	19.79
	80	59	22.2	0.61	0.71	5.5	550	18.0	1.4	5.0	15.59	18.00
25 Blue	60	61	21.2	0.55	0.63	4.1	410	18.5	1.3	4.8	14.00	16.17
	70	59	24.4	0.68	0.78	4.8	480	17.9	1.5	5.5	17.22	19.89
	80	65	26.4	0.60	0.69	5.5	550	19.8	1.7	6.0	15.27	17.64
28 Green	60	63	26.4	0.64	0.74	4.1	410	19.2	1.7	6.0	16.35	18.87
	70	65	26.2	0.60	0.69	4.8	480	19.8	1.7	6.0	15.24	17.60
	80	67	32.4	0.66	0.76	5.5	550	20.4	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.

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