

1/4" RA RAINDROP® DRIFT REDUCTION NOZZLE

FOR BROADCAST SPRAYING

Large Droplet Size
(VMD: 810 microns at 40 PSI)

This is a wide angle (120°), hollow-cone drift-reduction nozzle. Replaces conventional flooding nozzles in broadcast applications.

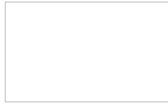
*Made from color coded thermo-resin.

*Color coding makes it easy to identify nozzle flow rates in sizes 1/4" RA2 - 1/4" RA15.

*Uniform spray distribution.

*A large orifice opening and passages minimize clogging.

*The Raindrop nozzle's patented design element, a secondary swirl chamber in the nozzle cap, alters the swirling action of the liquid so that fewer driftable "fines" are discharged from the secondary orifice.



1/4" RA
Raindrop
Drift
Reduction
Nozzle

Noz Tip #	Part Numbers Thermoplastic	
	Bulk	Delapak
RA2	35654-1N	N0073-113
RA4	35654-2N	N0073-115
RA5	35654-3N	N0073-116
RA6	35654-4N	N0073-128
RA8	35654-5N	N0073-129
RA10	35654-6N	N0073-139
RA15	35654-7N	N0073-415



#60156 QC
Adapter Cap 1/4"
45° ELL less seal

#105160 QC
Adapter Cap 1/4"
45° ELL W/
Viton seal

#105160 QC
Adapter Cap 1/4"
45° ELL W/
EPDM seal

MAX. RECOMMENDED PRESSURE: Thermoplastic: 100 psig (7 bars)

MAX. RECOMMENDED PRESSURE: Thermoplastic: 120° F (50° C)

1/4" WRW Whirl-Rain & 1/4" RA Raindrop Nozzle

		GALLONS PER ACRE (GPA) BASED ON WATER															
Nozzle Tip Number	Press- ure (psig)	Cap- acity (gpm) 1 Noz.	20" Spacing					30" Spacing					40" Spacing				
			4 MPH	5 MPH	6 MPH	7.5 MPH	10 MPH	4 MPH	5 MPH	6 MPH	7.5 MPH	10 MPH	4 MPH	5 MPH	6 MPH	7.5 MPH	10 MPH
WRW-2 RA-2	20	.14	10.5	8.4	7.0	5.6	4.2	7.0	5.6	4.7	3.7	2.8	5.3	4.2	3.5	2.8	2.1
	30	.17	12.9	10.3	8.6	6.9	5.1	8.6	6.9	5.7	4.6	3.4	6.4	5.1	4.3	3.4	2.6
	40	.20	14.9	11.9	9.9	7.9	5.9	9.9	7.9	6.6	5.3	4.0	7.4	5.9	5.0	4.0	3.0
	50	.22	16.6	13.3	11.1	8.9	6.6	11.1	8.9	7.4	5.9	4.4	8.3	6.6	5.5	4.4	3.3
ISO	60	.24	18.2	14.5	12.1	9.7	7.3	12.1	9.7	8.1	6.5	4.8	9.1	7.3	6.1	4.8	3.6
WRW-4 RA-4	20	.28	21	16.8	14.0	11.2	8.4	14.0	11.2	9.3	7.5	5.6	10.5	8.5	7.0	5.6	4.2
	30	.35	26	20	17.1	13.7	10.3	17.1	13.7	11.4	9.2	6.9	12.9	10.3	8.6	6.9	5.1
	40	.40	30	24	19.8	15.8	11.9	19.8	15.8	13.2	10.6	7.9	14.9	11.9	9.9	7.9	5.9
	50	.45	33	27	22	17.7	13.3	22	17.7	14.8	11.8	8.8	16.6	13.3	11.1	8.9	6.6
ISO	60	.49	36	29	24	19.4	14.5	24	19.4	16.2	12.9	9.7	18.2	14.5	12.1	9.7	7.3
WRW-5 RA-5	20	.36	26	21	17.5	14.0	10.5	17.5	14.0	11.7	9.3	7.0	13.1	10.5	8.8	7.0	5.3
	30	.44	32	26	21	17.1	12.9	21	17.2	14.3	11.4	8.6	16.1	12.9	10.7	8.6	6.4
	40	.50	37	30	25	19.8	14.9	25	19.8	16.5	13.2	9.9	18.6	14.9	12.4	9.9	7.4
	50	.56	42	33	28	22	16.6	28	22	18.4	14.8	11.1	21	16.6	13.8	11.1	8.4
ISO	60	.61	45	35	30	24	18.2	30	24	20	16.2	12.1	23	18.2	15.2	12.1	9.1
WRW-6 RA-6	20	.43	32	25	21	16.8	12.6	21	16.8	14.0	11.2	8.4	15.8	12.6	10.5	8.4	6.3
	30	.52	39	31	26	21	15.4	26	21	17.1	13.7	10.3	19.3	15.4	12.9	10.3	7.7
	40	.60	45	36	30	24	17.8	30	24	19.8	15.8	11.9	22	17.8	14.8	11.9	8.9
	50	.67	50	40	33	27	20	33	27	22	17.7	13.3	25	19.9	16.6	13.3	10.0
ISO	60	.73	55	44	36	29	22	36	29	24	19.4	14.5	27	22	18.2	14.5	10.9
RA-8	20	.57	42	34	28	22	16.8	28	22	18.7	14.9	11.2	21	16.8	14.0	11.2	8.4
	30	.70	51	41	34	27	21	34	27	23	18.3	13.7	26	20	17.1	13.7	10.3
	40	.80	59	48	40	32	24	40	32	26	21	15.8	30	24	19.8	15.8	11.9
	50	.90	66	53	44	35	27	44	35	30	24	17.7	33	27	22	17.7	13.3
ISO	60	.98	72	58	48	38.8	29	48	39	32.4	25.8	19.4	36.4	29	24.2	19.4	14.6
WRW-10 RA-10	20	.71	53	42	35	28	21	35	28	23	18.7	14.0	26	21	17.5	14.0	10.5
	30	.87	64	51	43	34	26	43	34	29	23	17.2	32	26	21	17.1	12.9
	40	1.0	74	59	50	40	30	50	40	33	26	19.8	37	30	25	19.8	14.9
	50	1.1	83	66	55	44	33	55	44	37	30	22	42	33	28	22	16.6
ISO	60	1.2	91	73	61	48	36	61	48	40	32	24	45	36	30	24	18.2
WRW-15 RA15	20	1.1	79	63	53	42	32	52	42	35	28	21	39	31	26	21	15.8
	30	1.3	96	77	64	51	39	64	51	43	34	26	48	38	32	26	19.3
	40	1.5	111	89	74	59	45	74	59	50	40	30	56	45	37	30	22
	50	1.7	125	100	83	66	50	83	66	55	44	33	62	50	42	33	25
ISO	60	1.8	135	109	91	73	55	91	73	61	48	36	68	55	45	36	27
WRW-20	20	1.4	105	84	70	56	42	70	56	47	37	28	53	42	35	28	21
	30	1.7	129	103	86	69	51	86	69	57	46	34	64	51	43	34	26
	40	2.0	149	119	99	79	59	99	79	66	53	40	74	59	50	40	30
	50	2.2	166	133	111	89	66	111	89	74	59	44	83	66	55	44	33
ISO	60	2.4	182	145	121	97	73	121	97	81	65	48	91	73	61	48	36