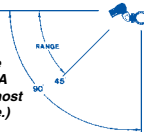




Type-RA Raindrop® Nozzles (120° Wide Angle)

Hollow Cone Spray for drift reduction
Color-Coded

Recommended Nozzle Positioning For Type-RA Raindrop® Nozzles (for most uniform spray coverage.)



SPRAY CHARACTERISTICS: Delivers a wide-angle, hollow cone spray pattern with the amount of driftable spray particles or "fines" (droplets under 100 micrometers) drastically reduced.

FEATURES: Improves spray distribution when compared with flooding nozzles. A large orifice opening and passages, plus no internal vanes or distributors, combine to minimize clogging. The type-RA nozzle also contains a patented design element, a secondary swirl chamber located in the nozzle cap, where the swirling action of the liquid is altered, resulting in fewer driftable "fines" being discharged from the secondary orifice.

This is the nozzle to use when spray drift is a problem. Replaces conventional wide angle nozzles, such as flooding nozzles, in broadcast applications with boom-type sprayers and other spraying equipment. The smaller size (1/4 NPT inlet) is well-suited for herbicide incorporation and the larger size (3/4 NPT inlet) for high-volume, high-speed applications with flotation or truck mounted equipment.

Nozzle Size (1/4" Inlet)	Pressure (PSIG)	Capacity (1-Nozzle) (GPM)	140° Spray Angle 40" Spacing				
			5 MPH	7.5 MPH	10 MPH	12 MPH	16 MPH
RA-40NY 140° Yellow	20	2.8	56	37	28	23	17.5
	30	3.5	69	46	34	28	21
	40	4.0	79	53	40	33	25
RA-60NY 140° Ox. Green	20	4.3	84	56	42	35	26
	30	5.2	103	69	51	43	32
	40	6.0	119	79	59	50	37
RA-80NY 140° Red	20	6.7	133	89	66	55	42
	30	8.0	158	106	79	66	50
	40	9.0	177	118	89	74	55
RA-100NY 140° Tan	20	7.1	140	93	70	58	44
	30	8.7	171	114	86	71	54
	40	10.0	196	132	99	83	62
RA-120NY 140° Purple	20	11.2	221	147	111	93	69
	30	13.4	266	177	133	109	82
	40	15.1	280	187	140	117	88
RA-200NY 140° Lt. Green	20	17.3	343	229	171	143	107
	30	20.0	396	264	198	165	124
	40	22.3	443	296	221	184	138
RA-240NY 140° Gold	20	17.0	336	224	168	140	105
	30	20.8	412	274	206	171	129
	40	24.0	475	317	238	198	149
50	26.8	531	354	266	221	166	

DL RA2NY thru DL RA15NY

3/4"

RA Raindrop® 140° - Color-Coded



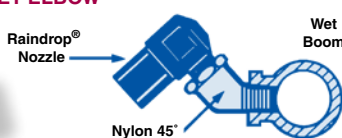
3/4"



Part No.
DL RA40NY
DL RA60NY
DL RA80NY
DL RA100NY
DL RA120NY
DL RA200NY
DL RA240NY

Nozzle Size (3/4" Inlet)	Pressure (PSIG)	Capacity (1-Nozzle) (GPM)	120° Spray Angle 40" Spacing				
			4 MPH	5 MPH	6 MPH	7.5 MPH	10 MPH
RA-2NY 120° Yellow	20	.14	5.3	4.2	3.5	2.8	2.1
	30	.17	6.4	5.1	4.3	3.4	2.6
	40	.20	7.4	5.9	5	4	3
RA-4NY 120° Red	20	.22	8.3	6.6	5.5	4.4	3.3
	30	.28	10.5	8.4	7	5.6	4.2
	40	.35	12.9	10.3	8.6	6.9	5.1
RA-6NY 120° Gray	20	.40	14.9	11.9	9.9	7.9	5.9
	30	.45	16.6	13.3	11.1	8.9	6.6
	40	.52	19.3	15.4	12.9	10.3	7.7
RA-8NY 120° White	20	.60	22	17.8	14.8	11.9	8.9
	30	.67	25	19.9	16.6	13.3	10
	40	.75	29	22.2	17.7	14.3	10.7
RA-10NY 120° Tan	20	.80	30	24	19.8	15.8	11.9
	30	.87	32	26	21	17.1	12.9
	40	1.0	37	30	25	19.8	14.8
RA-15NY 120° Lt. Blue	20	1.1	42	33	28	22	16.6
	30	1.1	39	31	26	21	15.8
	40	1.3	48	38	32	26	19.3
RA-20NY 120° Lt. Blue	20	1.5	56	45	37	30	22
	30	1.7	62	50	42	33	25
	40	1.7	62	50	42	33	25

ACCESSORIES - POLY STREET ELBOW -



Part No. DL 37549-1 Inlet 1/4" MPT Outlet 1/4" FPT



Type "F" Flooding Nozzles For Layby and Broadcast Spraying

"F"
FLOODING
NOZZLE
with quick
coupler inlet



Nozzle Size	Pressure (PSIG)	Capacity (1-Nozzle) (GPM)	Type 'F' Capacities Gallons Per Acre - Based on Water			
			40" Spacing 18" - 22.5" Height			
			5 MPH	10 MPH	15 MPH	18 MPH
"F30NY Green	10	3.0	60	30	19.8	16.5
	20	4.2	84	42	28	23
	30	5.2	102	52	34	29
	40	6.0	118	60	40	33



Use for broadcast applications of liquid fertilizers, herbicides and defoliants. Layby applications of herbicides are the most common. Used in any applications requiring wide coverage at low pressures with large droplets. **SPRAY ANGLES:** Varies from 100° to 145° depending on pressure and material.

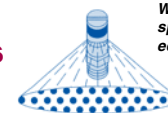
MAXIMUM RECOMMENDED PRESSURE: Nylon: 40 PSI.
MAX. RECOMMENDED TEMP: 120°F.



*45° angle down will improve uniform mount in one of three positions. Spray patterns should be overlapped somewhat to assure uniform coverage regardless of fluctuations in boom height as the spray rig travels over uneven ground. Some applications will call for 100% overlapping patterns.

Part No. DL F30NY Type "F" Flooding Nozzles Green Nylon

Turbo TurfJet Spray Nozzles - Drift Resistant -



Wide angle flat spray with tapered edge pattern:



Combines the precision and uniformity of flat spray nozzles with the clog-resistance and wide angle pattern of flooding nozzles. Uses a patented turbulence chamber to produce large, drift-resistant droplets (extremely coarse). Stainless steel with VisiFlo® color-coding or colored polypropylene. 1/4" MPT. 120° - 130° angle.

Tip Color	TIP NO. (Strainer Screen Size)	Liquid Pressure in psi	Capacity 1 Nozzle in GPM	Drop Size	Gallons Per 1000 Ft ² 20" Spacing					
					3 mph	4 mph	5 mph	6 mph	8 mph	10 mph
YELLOW	1/4TTJ02 50 Mesh	25	.16	UC	.36	.27	.22	.18	.14	.11
		30	.17	UC	.39	.29	.23	.19	.14	.12
		40	.20	UC	.45	.34	.27	.23	.17	.14
RED	1/4TTJ04 50 Mesh	25	.32	UC	.73	.54	.44	.36	.27	.22
		30	.35	UC	.79	.60	.48	.40	.30	.24
		40	.40	UC	.91	.68	.54	.45	.34	.27
BROWN	1/4TTJ05 50 Mesh	25	.40	UC	.91	.68	.54	.45	.34	.27
		30	.47	UC	.97	.73	.58	.49	.37	.29
		40	.50	UC	1.1	.85	.68	.57	.43	.34
GRAY	1/4TTJ06 50 Mesh	25	.56	UC	1.3	.95	.76	.63	.48	.38
		30	.52	UC	1.1	.80	.64	.53	.40	.32
		40	.60	UC	1.2	.88	.71	.59	.44	.35
WHITE	1/4TTJ08 n/a	25	.63	UC	1.4	1.0	.82	.68	.51	.41
		30	.69	UC	1.5	1.1	.91	.76	.57	.46
		40	.80	UC	1.8	1.4	1.1	.91	.68	.54
L. BLUE	1/4TTJ10 n/a	25	.79	UC	2.0	1.5	1.2	.99	.74	.59
		30	.87	UC	2.3	1.7	1.4	1.1	.85	.68
		40	1.00	UC	2.5	1.9	1.5	1.3	.95	.76
L. GREEN	1/4TTJ15 n/a	25	1.19	UC	2.7	2.0	1.6	1.3	1.0	.81
		30	1.30	UC	2.9	2.2	1.8	1.5	1.1	.88
		40	1.50	UC	3.4	2.6	2.0	1.7	1.3	1.0
50	1.68	UC	3.8	2.9	2.3	1.9	1.4	1.1		

UC = Ultra Coarse XC = Extremely Coarse - Larger Droplets for Best Drift Control

Part No. SS 1/4TTJ02VS thru SS 1/4TTJ15VS Stainless Turfjet Nozzle
SS 1/4TTJ06VP thru SS 1/4TTJ15VP Polypro Turfjet Nozzle