RAIN BIRD

552 Block Rotors

U.S. Performance Data

CASCADE NOZZLES

Base Pressure (psi)	50		60		70		80		90		100	
	Radius (ft)	Flow (gpm)	Radius (ft)	Flow (gpm)	Radius (ft)	Flow (gpm)	Radius (ft)	Flow (gpm)	Radius (ft)	Flow (gpm)	Radius (ft)	Flow (gpm)
#51-Blue	33	6.8	34	7.4	35	8.0	36	8.5	37	8.8	37.5	9.3
#52-Beige	37	6.7	39	7.2	37	8.1	37	8.2	39	8.7	39	9.3
#53-Gray	51	9.3	51	10.1	51	11.0	51	11.7	51	12.5	51	13.2
#54-Red	—	—	—	—	53	12.0	54	12.4	55	13.3	55	14.0

Metric Performance Data

CASCADE NOZZLES

Base Pressure (bar)	3.4			4.1			4.8			5.5			6.2			6.9		
	Radius (m)	Flow (m^3/h)	(l/s)	Radius (m)	Flow (m^3/h)	(l/s)	Radius (m)	Flow (m^3/h)	(l/s)	Radius (m)	Flow (m^3/h)	(l/s)	Radius (m)	Flow (m^3/h)	(l/s)	Radius (m)	Flow (m^3/h)	(l/s)
#51-Blue	10.1	1.54	0.43	10.4	1.68	0.47	10.7	1.82	0.50	11.0	1.93	0.54	11.3	2.00	0.56	11.3	2.11	0.59
#52-Beige	11.3	1.52	0.42	11.9	1.64	0.46	11.3	1.83	0.51	11.3	1.87	0.52	11.9	1.99	0.55	11.9	2.11	0.59
#53-Gray	15.5	2.12	0.59	15.5	2.29	0.64	15.5	2.49	0.69	15.5	2.65	0.73	15.5	2.83	0.79	15.5	2.99	0.83
#54-Red	—	—	—	—	—	—	16.2	2.72	0.75	16.5	2.82	0.78	16.8	3.01	0.84	16.8	3.18	0.88

RAIN BIRD

702 Series Rotors

U.S. Performance Data

DUAL-SPREADER™ NOZZLES

Base Pressure (psi)	50		60		70		80		90		100	
	Radius (ft)	Flow (gpm)	Radius (ft)	Flow (gpm)	Radius (ft)	Flow (gpm)	Radius (ft)	Flow (gpm)	Radius (ft)	Flow (gpm)	Radius (ft)	Flow (gpm)
#28 - White	59	16.9	60	18.8	62	20.3	62	21.5	63	22.7	65	24.2
#32 - Blue	62	20.6	63	22.1	65	23.3	67	25.0	69	27.3	69	28.7
#36 - Yellow	66	21.0	66	24.0	68	26.4	70	28.3	70	28.8	71	31.2
#40 - Orange	64	23.9	68	26.3	71	28.7	72	30.6	73	32.1	74	33.5
#44 - Green	—	—	69	29.0	73	31.8	75	33.9	75	35.6	75	37.2
#48 - Black	—	—	—	—	72	35.4	74	37.5	75	40.9	77	42.9

Metric Performance Data

DUAL-SPREADER™ NOZZLES

Base Pressure (bar)	3.4			4.1			4.8			5.5			6.2			6.9		
	Radius (m)	Flow (m^3/h)	(l/s)	Radius (m)	Flow (m^3/h)	(l/s)	Radius (m)	Flow (m^3/h)	(l/s)	Radius (m)	Flow (m^3/h)	(l/s)	Radius (m)	Flow (m^3/h)	(l/s)	Radius (m)	Flow (m^3/h)	(l/s)
#28 - White	18.0	3.83	1.06	18.3	4.26	1.18	18.9	4.61	1.28	18.9	4.88	1.36	19.2	5.14	1.43	19.8	5.50	1.53
#32 - Blue	18.9	4.67	1.30	19.2	5.01	1.39	19.8	5.29	1.47	20.4	5.67	1.57	21.0	6.20	1.72	21.0	6.51	1.81
#36 - Yellow	20.1	4.76	1.32	20.1	5.44	1.51	20.7	6.00	1.67	21.3	6.42	1.78	21.3	6.54	1.83	21.6	7.09	1.97
#40 - Orange	19.5	5.43	1.51	20.7	5.97	1.66	21.6	6.52	1.81	22.0	6.95	1.93	22.3	7.29	2.03	22.6	7.60	2.11
#44 - Green	—	—	—	21.0	6.59	1.83	22.3	7.23	2.01	22.9	7.71	2.14	22.9	8.09	2.25	22.9	8.44	2.34
#48 - Black	—	—	—	—	—	—	22.0	8.04	2.23	22.6	8.51	2.36	22.9	9.29	2.58	23.5	9.73	2.70

RAIN BIRD

752 Series Rotors

U.S. Performance Data

DUAL-SPREADER™ NOZZLES WITH STANDARD AND LOW ANGLE (LA) HOUSINGS

Base Pressure (psi)	50 Radius (ft)	50 Radius LA (ft)	50 Flow (gpm)	60 Radius (ft)	60 Radius LA (ft)	60 Flow (gpm)	70 Radius (ft)	70 Radius LA (ft)	70 Flow (gpm)	80 Radius (ft)	80 Radius LA (ft)	80 Flow (gpm)	90 Radius (ft)	90 Radius LA (ft)	90 Flow (gpm)	100 Radius (ft)	100 Radius LA (ft)	100 Flow (gpm)
REQUIRES LOW-FLOW VALVE																		
#18 - Beige	—	—	—	—	—	—	30	—	6.8	31	—	7.2	32	—	7.5	34	—	7.8
#20 - Gray	—	—	—	—	—	—	37	34	8.4	38	35	9.1	39	36	9.5	40	37	10.0
#22 - Red	41	38	8.8	43	40	9.7	44	41	10.2	44	42	10.8	44	42	11.5	44	43	12.0
#24 -Plum	46	42	8.3	47	43	8.9	47	44	9.6	48	44	10.2	48	45	10.8	48	46	11.4
#26 - Lt. Green	50	46	9.5	50	45	10.1	51	47	10.9	51	49	11.6	52	49	12.3	53	50	12.8
REQUIRES STANDARD VALVE																		
#28 - White	54	51	14.9	56	54	16.4	58	56	17.6	58	57	18.8	57	58	20.2	59	57	21.4
#32 - Blue	62	54	17.1	62	56	19.0	63	59	20.3	63	61	21.8	67	61	22.9	67	61	24.0
#36 - Yellow	64	59	19.5	65	62	21.3	66	64	23.2	68	65	24.7	68	66	26.2	69	68	27.2
#40 - Orange	63	63	22.3	65	64	24.0	67	66	26.3	68	67	27.9	69	68	29.7	69	68	31.1
#44 - Green	—	—	—	67	66	26.9	69	68	28.6	71	70	30.6	71	71	32.5	73	71	34.0
#48 - Black	—	—	—	—	—	—	76	—	31.5	76	—	34.0	76	—	35.8	75	—	38.5
#50 – Dk. Brown	—	—	—	—	—	—	79	—	39.4	81	—	41.9	82	—	44.7	84	—	47.0

Metric Performance Data

DUAL-SPREADER™ NOZZLES WITH STANDARD AND LOW ANGLE (LA) HOUSINGS

Base Pressure (bar)	3.4 Radius (m)	3.4 Radius LA (m)	3.4 Flow (m³/h)	3.4 Flow (l/s)	4.1 Radius (m)	4.1 Radius LA (m)	4.1 Flow (m³/h)	4.1 Flow (l/s)	4.8 Radius (m)	4.8 Radius LA (m)	4.8 Flow (m³/h)	4.8 Flow (l/s)	5.5 Radius (m)	5.5 Radius LA (m)	5.5 Flow (m³/h)	5.5 Flow (l/s)	6.2 Radius (m)	6.2 Radius LA (m)	6.2 Flow (m³/h)	6.2 Flow (l/s)	6.9 Radius (m)	6.9 Radius LA (m)	6.9 Flow (m³/h)	6.9 Flow (l/s)
REQUIRES LOW-FLOW VALVE																								
#18 - Beige	—	—	—	—	—	—	—	—	9.1	—	1.54	0.43	9.5	—	1.63	0.45	9.8	—	1.70	0.47	10.4	—	1.77	0.49
#20 - Gray	—	—	—	—	—	—	—	—	11.3	10.4	1.92	0.53	11.6	10.7	2.06	0.57	11.9	11.0	2.15	0.60	12.2	11.3	2.27	0.63
#22 - Red	12.5	11.6	2.00	0.56	13.1	12.2	2.19	0.61	13.4	12.5	2.32	0.64	13.4	12.8	2.45	0.68	13.4	12.8	2.60	0.72	13.4	13.1	2.73	0.76
#24 - Plum	14.0	12.8	1.89	0.53	14.3	13.1	2.02	0.56	14.3	13.4	2.18	0.61	14.6	13.4	2.31	0.64	14.6	13.7	2.45	0.68	14.6	14.0	2.59	0.72
#26 - Lt. Green	15.2	14.0	2.16	0.60	15.2	13.7	2.30	0.64	15.5	14.3	2.48	0.69	15.5	14.9	2.64	0.73	15.9	14.9	2.80	0.78	16.2	15.2	2.90	0.80
REQUIRES STANDARD VALVE																								
#28 - White	16.5	15.5	3.38	0.94	17.1	16.5	3.71	1.03	17.7	17.1	3.99	1.11	17.7	17.4	4.27	1.19	17.4	17.7	4.58	1.27	18.0	17.4	4.86	1.35
#32 - Blue	18.9	16.5	3.88	1.08	18.9	17.1	4.32	1.20	19.2	18.0	4.62	1.28	19.2	18.6	4.94	1.37	20.4	18.6	5.20	1.44	20.4	18.6	5.44	1.51
#36 - Yellow	19.5	18.0	4.44	1.23	19.8	18.9	4.84	1.35	20.1	19.5	5.27	1.47	20.7	19.8	5.61	1.56	20.7	20.1	5.96	1.65	21.0	20.7	6.18	1.72
#40 - Orange	19.2	19.2	5.06	1.40	19.8	19.5	5.44	1.51	20.4	20.1	5.98	1.66	20.7	20.4	6.34	1.76	21.0	20.7	6.75	1.87	21.0	20.7	7.06	1.96
#44 - Green	—	—	—	—	20.4	20.1	6.12	1.70	21.0	20.7	6.49	1.80	21.6	21.3	6.95	1.93	21.6	21.6	7.38	2.05	22.3	21.6	7.73	2.15
#48 - Black	—	—	—	—	—	—	—	—	23.2	—	7.15	1.99	23.2	—	7.71	2.14	23.2	—	8.13	2.26	22.9	—	8.74	2.43
#50 - Dk. Brown	—	—	—	—	—	—	—	—	24.1	—	8.94	2.48	24.7	—	9.52	2.64	25.0	—	10.16	2.82	25.6	—	10.68	2.97

RAIN BIRD

752 Series Rotors

U.S. Performance Data

REAR-SPREADER NOZZLES

Spreader Nozzle Color	Flow (gpm)	Nozzle Range Main (ft)	Nozzle Range Rear (ft)	Flow (gpm)	Nozzle Range Main (ft)	Nozzle Range Rear (ft)	Flow (gpm)	Nozzle Range Main (ft)	Nozzle Range Rear (ft)	Flow (gpm)	Nozzle Range Main (ft)	Nozzle Range Rear (ft)	Flow (gpm)	Nozzle Range Main (ft)	Nozzle Range Rear (ft)	Flow (gpm)	Nozzle Range Main (ft)	Nozzle Range Rear (ft)
	MAIN NOZZLE #18 – BEIGE						MAIN NOZZLE #20 – GRAY						MAIN NOZZLE #22 – RED					
Pressure (psi)	70			80			70			80			70			80		
Orange	11.3	26	36	12.2	28	36	11.4	38	36	12.2	38	34	13.0	42	32	13.6	42	34
Green	13.9	26	52	14.6	28	52	15.3	34	50	16.3	36	52	16.4	40	52	17.5	40	52
Blue	14.2	26	48	15.2	26	48	15.6	36	48	16.6	36	44	16.7	42	46	17.9	42	46
Black	13.3	26	46	14.0	26	46	14.5	36	46	15.3	36	46	15.8	40	44	16.9	42	44
Red	12.3	26	50	12.9	26	52	13.3	36	50	14.3	36	52	14.7	40	50	15.8	40	50
Blue + Diffuser	10.8	26	34	11.3	28	34	12.2	36	34	12.8	38	34	13.5	40	32	14.3	40	34
Black + Diffuser	11.4	27	32	11.1	28	32	12.1	36	33	12.8	37	32	13.2	39	32	14.1	39	32
	MAIN NOZZLE #24 – PLUM						MAIN NOZZLE #26 – LT. GREEN						MAIN NOZZLE #28 – WHITE					
Pressure (psi)	70			80			70			80			70			80		
Orange	12.2	44	32	12.9	44	32	15.0	48	32	16.0	52	34	20.3	58	34	21.8	58	34
Green	15.9	44	50	16.9	46	50	18.7	48	50	19.9	50	52	23.8	56	50	25.0	56	50
Blue	16.2	44	46	17.3	44	46	18.9	50	46	20.2	50	46	24.3	56	42	25.8	56	42
Black	15.2	44	46	16.4	44	46	17.3	48	44	18.5	48	44	23.3	58	40	24.7	58	40
Red	14.1	46	50	15.2	46	50	16.8	48	50	17.8	48	52	22.4	60	50	23.6	58	50
Blue + Diffuser	13.0	46	34	13.8	44	34	15.2	50	34	16.3	50	34	21.4	60	34	22.6	60	34
Black + Diffuser	12.7	44	32	13.6	44	32	15.5	47	31	16.5	48	31	20.8	57	32	22.4	58	31
	MAIN NOZZLE #32 – BLUE						MAIN NOZZLE #36 – YELLOW						MAIN NOZZLE #40 – ORANGE					
Pressure (psi)	70			80			70			80			70			80		
Orange	22.5	64	32	24.1	64	32	25.0	66	32	26.8	66	32	28.2	68	30	30.1	68	30
Green	25.8	60	50	27.5	62	50	28.4	64	48	31.8	64	48	31.6	68	46	33.2	68	46
Blue	25.8	60	42	27.5	60	42	28.5	64	40	30.5	64	40	31.5	66	40	33.5	66	40
Black	25.5	60	38	27.1	60	40	28.2	64	38	29.6	64	36	38.7	66	38	32.9	68	38
Red	24.1	62	48	25.9	62	48	27.0	64	48	29.0	66	48	30.1	68	48	32.3	68	48
Blue + Diffuser	23.3	62	32	24.7	62	34	26.1	64	34	27.9	68	34	38.2	68	32	38.5	68	32
Black + Diffuser	22.9	61	31	24.4	61	31	25.9	64	31	27.5	66	31	28.4	67	30	30.8	68	30
	MAIN NOZZLE #44 – GREEN						MAIN NOZZLE #48 – BLACK						MAIN NOZZLE #50 – DK. BROWN					
Pressure (psi)	70			80			70			80			70			80		
Orange	30.6	68	32	32.7	70	30	33.4	70	30	35.9	70	30	41.1	74	30	43.7	76	30
Green	33.6	68	46	36.2	70	46	36.2	66	46	38.7	70	46	43.6	72	42	46.2	74	42
Blue	34.7	68	38	36.6	70	38	36.9	66	34	40.0	68	36	43.4	72	36	46.5	74	36
Black	33.3	68	38	34.9	70	38	35.9	68	38	38.1	70	38	42.7	72	34	45.8	74	34
Red	32.5	68	48	34.5	70	48	34.8	70	46	37.5	72	46	42.3	72	44	44.8	74	44
Blue + Diffuser	31.4	70	32	33.7	72	32	34.6	70	34	36.0	72	34	41.6	74	32	44.2	76	32
Black + Diffuser	31.5	69	30	33.3	71	30	34.3	71	30	36.7	71	30	41.2	73	29	43.8	75	29

RAIN BIRD

752 Series Rotors

Metric Performance Data

REAR-SPREADER NOZZLES

Spreader Nozzle Color	Flow (m³/h)	Flow (l/s)	Nozzle Range Main (m)	Nozzle Range Rear (m)	Flow (m³/h)	Flow (l/s)	Nozzle Range Main (m)	Nozzle Range Rear (m)
MAIN NOZZLE #18 – BEIGE								
Pressure (bar)	4.8				5.5			
Orange	2.6	0.71	7.9	11.0	2.8	0.77	8.5	11.0
Green	3.2	0.88	7.9	15.8	3.3	0.92	8.5	15.8
Blue	3.2	0.90	7.9	14.6	3.5	0.96	7.9	14.6
Black	3.0	0.84	7.9	14.0	3.2	0.88	7.9	14.0
Red	2.8	0.78	7.9	15.2	2.9	0.81	7.9	15.8
Blue + Diffuser	2.5	0.68	7.9	10.4	2.6	0.71	8.5	10.4
Black + Diffuser	2.6	0.72	8.2	9.8	2.5	0.70	8.5	9.8
MAIN NOZZLE #20 – GRAY								
Pressure (bar)	4.8				5.5			
Orange	2.6	0.72	11.6	11.0	2.8	0.77	11.6	10.4
Green	3.5	0.97	10.4	15.2	3.7	1.03	11.0	15.8
Blue	3.5	0.98	11.0	14.6	3.8	1.05	11.0	13.4
Black	3.3	0.91	11.0	14.0	3.5	0.97	11.0	14.0
Red	3.0	0.84	11.0	15.2	3.2	0.90	11.0	15.8
Blue + Diffuser	2.8	0.77	11.0	10.4	2.9	0.81	11.6	10.4
Black + Diffuser	2.7	0.76	11.0	10.1	2.9	0.81	11.3	9.8
MAIN NOZZLE #22 – RED								
Pressure (bar)	4.8				5.5			
Orange	3.0	0.82	12.8	9.8	3.1	0.86	12.8	10.4
Green	3.7	1.03	12.2	15.8	4.0	1.10	12.2	15.8
Blue	3.8	1.05	12.8	14.0	4.1	1.13	12.8	14.0
Black	3.6	1.00	12.2	13.4	3.8	1.07	12.8	13.4
Red	3.3	0.93	12.2	15.2	3.6	1.00	12.2	15.2
Blue + Diffuser	3.1	0.85	12.2	9.8	3.2	0.90	12.2	10.4
Black + Diffuser	3.0	0.83	11.9	9.8	3.2	0.89	11.9	9.8
MAIN NOZZLE #24 – PLUM								
Pressure (bar)	4.8				5.5			
Orange	2.8	0.77	13.4	9.8	2.9	0.81	13.4	9.8
Green	3.6	1.00	13.4	15.2	3.8	1.07	14.0	15.2
Blue	3.7	1.02	13.4	14.0	3.9	1.09	13.4	14.0
Black	3.5	0.96	13.4	14.0	3.7	1.03	13.4	14.0
Red	3.2	0.89	14.0	15.2	3.5	0.96	14.0	15.2
Blue + Diffuser	3.0	0.82	14.0	10.4	3.1	0.87	13.4	10.4
Black + Diffuser	2.9	0.80	13.4	9.8	3.1	0.86	13.4	9.8
MAIN NOZZLE #26 – LT. GREEN								
Pressure (bar)	4.8				5.5			
Orange	3.4	0.95	14.6	9.8	3.6	1.01	15.8	10.4
Green	4.2	1.18	14.6	15.2	4.5	1.26	15.2	15.8
Blue	4.3	1.19	15.2	14.0	4.6	1.27	15.2	14.0
Black	3.9	1.09	14.6	13.4	4.2	1.17	14.6	13.4
Red	3.8	1.06	14.6	15.2	4.0	1.12	14.6	15.8
Blue + Diffuser	3.5	0.96	15.2	10.4	3.7	1.03	15.2	10.4
Black + Diffuser	3.5	0.98	14.3	9.4	3.7	1.04	14.5	9.4
MAIN NOZZLE #28 – WHITE								
Pressure (bar)	4.8				5.5			
Orange	4.6	1.28	17.7	10.4	5.0	1.38	17.7	10.4
Green	5.4	1.50	17.1	15.2	5.7	1.58	17.1	15.2
Blue	5.5	1.53	17.1	12.8	5.9	1.63	17.1	12.8
Black	5.3	1.47	17.7	12.2	5.6	1.56	17.7	12.2
Red	5.1	1.41	18.3	15.2	5.4	1.49	17.7	15.2
Blue + Diffuser	4.9	1.35	18.3	10.4	5.1	1.43	18.3	10.4
Black + Diffuser	4.7	1.31	17.4	9.8	5.1	1.41	17.7	9.4
MAIN NOZZLE #32 – BLUE								
Pressure (bar)	4.8				5.5			
Orange	5.1	1.42	19.5	9.8	5.5	1.52	19.5	9.8
Green	5.9	1.63	18.3	15.2	6.2	1.73	18.9	15.2
Blue	5.9	1.63	18.3	12.8	6.2	1.73	18.3	12.8
Black	5.8	1.61	18.3	11.6	6.2	1.71	18.3	12.2
Red	5.5	1.52	18.9	14.6	5.9	1.63	18.9	14.6
Blue + Diffuser	5.3	1.47	18.9	9.8	5.6	1.56	18.9	10.4
Black + Diffuser	5.2	1.44	18.6	9.4	5.5	1.54	18.6	9.4
MAIN NOZZLE #36 – YELLOW								
Pressure (bar)	4.8				5.5			
Orange	5.7	1.58	20.1	9.8	6.1	1.69	20.1	9.8
Green	6.5	1.79	19.5	14.6	7.2	2.01	19.5	14.6
Blue	6.5	1.80	19.5	12.2	6.9	1.92	19.5	12.2
Black	6.4	1.78	19.5	11.6	6.7	1.87	19.5	11.0
Red	6.1	1.70	19.5	14.6	6.6	1.83	20.1	14.6
Blue + Diffuser	5.9	1.65	19.5	10.4	6.3	1.76	20.7	10.4
Black + Diffuser	5.9	1.63	19.5	9.4	6.2	1.73	20.1	9.4
MAIN NOZZLE #40 – ORANGE								
Pressure (bar)	4.8				5.5			
Orange	6.4	1.78	20.7	9.1	6.8	1.90	20.7	9.1
Green	7.2	1.99	20.7	14.0	7.5	2.09	20.7	14.0
Blue	7.2	1.99	20.1	12.2	7.6	2.11	20.1	12.2
Black	8.8	2.44	20.1	11.6	7.5	2.08	20.7	11.6
Red	6.8	1.90	20.7	14.6	7.3	2.04	20.7	14.6
Blue + Diffuser	8.7	2.41	20.7	9.8	8.7	2.43	20.7	9.8
Black + Diffuser	6.5	1.79	20.4	9.1	7.0	1.94	20.7	9.1
MAIN NOZZLE #44 – GREEN								
Pressure (bar)	4.8				5.5			
Orange	7.0	1.93	20.7	9.8	7.4	2.06	21.3	9.1
Green	7.6	2.12	20.7	14.0	8.2	2.28	21.3	14.0
Blue	7.9	2.19	20.7	11.6	8.3	2.31	21.3	11.6
Black	7.6	2.10	20.7	11.6	7.9	2.20	21.3	11.6
Red	7.4	2.05	20.7	14.6	7.8	2.18	21.3	14.6
Blue + Diffuser	7.1	1.98	21.3	9.8	7.7	2.13	21.9	9.8
Black + Diffuser	7.2	1.99	21.0	9.1	7.6	2.10	21.6	9.1
MAIN NOZZLE #48 – BLACK								
Pressure (bar)	4.8				5.5			
Orange	7.6	2.11	21.3	9.1	8.2	2.26	21.3	9.1
Green	8.2	2.28	20.1	14.0	8.8	2.44	21.3	14.0
Blue	8.4	2.33	20.1	10.4	9.1	2.52	20.7	11.0
Black	8.2	2.26	20.7	11.6	8.7	2.40	21.3	11.6
Red	7.9	2.20	21.3	14.0	8.5	2.37	21.9	14.0
Blue + Diffuser	7.9	2.18	21.3	10.4	8.2	2.27	21.9	10.4
Black + Diffuser	7.8	2.16	21.6	9.1	8.3	2.32	21.6	9.1
MAIN NOZZLE #50 – DK. BROWN								
Pressure (bar)	4.8				5.5			
Orange	9.3	2.59	22.6	9.1	9.9	2.76	23.2	9.1
Green	9.9	2.75	21.9	12.8	10.5	2.91	22.6	12.8
Blue	9.9	2.74	21.9	11.0	10.6	2.93	22.6	11.0
Black	9.7	2.69	21.9	10.4	10.4	2.89	22.6	10.4
Red	9.6	2.67	21.9	13.4	10.2	2.83	22.6	13.4
Blue + Diffuser	9.4	2.62	22.6	9.8	10.0	2.79	23.2	9.8
Black + Diffuser	9.4	2.60	22.3	8.8	9.9	2.76	22.9	8.8

RAIN BIRD

952 Series Rotors

U.S. Performance Data

FRONT NOZZLES

	Base Pressure (psi)	#44 – Blue		#46 – Tan		#48 – Yellow		#52 – Orange		#56 – Green		#60 – Black		#64 – Red	
		Radius (ft)	Flow (gpm)	Radius (ft)	Flow (gpm)	Radius (ft)	Flow (gpm)	Radius (ft)	Flow (gpm)	Radius (ft)	Flow (gpm)	Radius (ft)	Flow (gpm)	Radius (ft)	Flow (gpm)
STANDARD	60	70	19.7	74	22.9	76	27.1	79	31.5	81	35.3	83	38.8	85	42
	70	71	21.3	74	25.0	78	29.7	81	34	84	38.2	86	42.1	89	47.1
	80	73	22.8	76	26.7	79	31.6	83	36.3	87	41	88	44.9	93	48.7
	90	73	23.8	78	28.5	82	33.3	85	38.4	90	42.8	91	47.6	98	51.7
	100	74	25	78	30.2	82	35.1	88	40.6	92	45.5	94	49.1	101	54.5

Metric Performance Data

FRONT NOZZLES

	Base Pressure (bar)	#44 – Blue			#46 – Tan			#48 – Yellow			#52 – Orange			#56 – Green			#60 – Black			#64 – Red		
		Radius (m)	Flow (m^3/h)	(l/s)	Radius (m)	Flow (m^3/h)	(l/s)	Radius (m)	Flow (m^3/h)	(l/s)	Radius (m)	Flow (m^3/h)	(l/s)	Radius (m)	Flow (m^3/h)	(l/s)	Radius (m)	Flow (m^3/h)	(l/s)	Radius (m)	Flow (m^3/h)	(l/s)
STANDARD	4.1	21.3	4.5	1.24	22.5	5.2	1.45	23.2	6.2	1.71	24.1	7.2	1.99	24.7	8.0	2.23	25.3	8.8	2.45	25.9	9.5	2.65
	4.8	21.6	4.8	1.34	22.7	5.7	1.58	23.8	6.7	1.87	24.7	7.7	2.15	25.6	8.7	2.41	26.2	9.6	2.66	27.1	10.7	2.97
	5.5	22.3	5.2	1.44	23.1	6.1	1.68	24.1	7.2	1.99	25.3	8.2	2.29	26.5	9.3	2.59	26.8	10.2	2.83	28.3	11.1	3.07
	6.2	22.3	5.4	1.50	23.7	6.5	1.80	25.0	7.6	2.10	25.9	8.7	2.42	27.4	9.7	2.70	27.7	10.8	3.00	29.9	11.7	3.26
	6.9	22.6	5.7	1.58	23.7	6.9	1.91	25.0	8.0	2.21	26.8	9.2	2.56	28.0	10.3	2.87	28.7	11.2	3.10	30.8	12.4	3.44

RAIN BIRD

952 Series Rotors

REAR-SPREADER NOZZLES – U.S. PERFORMANCE DATA

Spreader Nozzle Color	Flow (gpm)	Nozzle Range Main (ft)	Nozzle Range Rear (ft)	Flow (gpm)	Nozzle Range Main (ft)	Nozzle Range Rear (ft)	Flow (gpm)	Nozzle Range Main (ft)	Nozzle Range Rear (ft)	Flow (gpm)	Nozzle Range Main (ft)	Nozzle Range Rear (ft)	Flow (gpm)	Nozzle Range Main (ft)	Nozzle Range Rear (ft)	Flow (gpm)	Nozzle Range Main (ft)	Nozzle Range Rear (ft)	Flow (gpm)	Nozzle Range Main (ft)	Nozzle Range Rear (ft)	Flow (gpm)	Nozzle Range Main (ft)	Nozzle Range Rear (ft)
	MAIN NOZZLE #44 – BLUE						MAIN NOZZLE #46 – TAN						MAIN NOZZLE #48 – YELLOW						MAIN NOZZLE #52 – ORANGE					
Pressure (psi)	70			80			70			80			70			80			70			80		
Orange	23.9	69	35	25.4	71	35	28.4	71	33	29.2	73	33	32.1	75	33	34.1	77	33	36.5	80	33	39.0	83	32
Green	27.7	69	52	29.6	70	51	31.0	73	51	32.8	73	49	35.7	75	50	37.8	77	50	39.9	79	50	42.3	81	50
Blue	26.5	69	41	28.2	70	41	30.5	71	45	33.6	73	43	34.4	76	40	37.0	77	39	39.6	81	39	41.9	83	39
Black	28.6	68	43	28.9	71	43	30.9	71	43	32.1	73	45	35.1	75	41	37.5	77	41	39.7	79	40	43.9	80	40
Red	25.9	68	52	27.4	69	51	29.9	71	33	31.6	73	31	34.2	74	51	36.4	77	52	38.4	79	50	40.8	80	51
Blue + Diffuser	24.4	70	35	26.0	70	34	28.2	73	35	29.9	75	35	32.5	75	35	34.7	77	34	37.1	81	35	39.1	83	33
Black + Diffuser	24.2	69	35	25.9	71	33	28.2	73	35	30.0	71	35	33.3	76	34	34.7	78	34	36.9	79	33	39.5	81	33
	MAIN NOZZLE #56 – GREEN						MAIN NOZZLE #60 – BLACK						MAIN NOZZLE #64 – RED											
Pressure (psi)	70			80			70			80			70			80								
Orange	40.6	83	33	43.8	86	33	44.3	85	32	47.4	87	31	48.2	89	33	51.4	92	33						
Green	44.0	80	50	46.8	84	50	47.9	83	49	50.7	85	49	51.8	85	49	53.3	89	50						
Blue	43.7	83	39	46.1	85	39	47.1	85	39	50.3	87	38	50.7	88	39	54.0	92	37						
Black	43.5	81	40	46.5	85	39	47.4	85	39	50.6	87	39	49.9	85	40.7	55	91	39						
Red	42.4	82	50	45.4	84	50	46.1	83	51	49.9	86	50	50.0	87	50	53.1	89	51						
Blue + Diffuser	41.3	82	34	44.2	85	33	45.3	83	33	48.2	85	33	48.5	86	33	52.7	90	35						
Black + Diffuser	41.5	83	34	44.6	86	33	45.3	84	32	48.3	87	32	48.6	87	31	51.7	87	31						

REAR-SPREADER NOZZLES – METRIC PERFORMANCE DATA

Spreader Nozzle Color	Flow (m^3/h)	Flow (l/s)	Nozzle Range Main (m)	Nozzle Range Rear (m)	Flow (m^3/h)	Flow (l/s)	Nozzle Range Main (m)	Nozzle Range Rear (m)	Flow (m^3/h)	Flow (l/s)	Nozzle Range Main (m)	Nozzle Range Rear (m)	Flow (m^3/h)	Flow (l/s)	Nozzle Range Main (m)	Nozzle Range Rear (m)	Flow (m^3/h)	Flow (l/s)	Nozzle Range Main (m)	Nozzle Range Rear (m)	Flow (m^3/h)	Flow (l/s)	Nozzle Range Main (m)	Nozzle Range Rear (m)	Flow (m^3/h)	Flow (l/s)	Nozzle Range Main (m)	Nozzle Range Rear (m)	Flow (m^3/h)	Flow (l/s)	Nozzle Range Main (m)	Nozzle Range Rear (m)
	MAIN NOZZLE #44 – BLUE								MAIN NOZZLE #46 – TAN								MAIN NOZZLE #48 – YELLOW								MAIN NOZZLE #52 – ORANGE							
Pressure (bar)	4.8				5.5				4.8				5.5				4.8				5.5				4.8				5.5			
Orange	5.4	1.51	21.1	10.6	5.8	1.60	21.7	10.8	6.3	1.79	21.6	10.1	6.6	1.84	22.3	10.1	7.3	2.02	23.0	10.2	7.7	2.15	23.6	10.2	8.3	2.30	24.4	10.0	8.9	2.46	25.4	9.8
Green	6.3	1.75	20.9	15.8	6.7	1.87	21.3	15.6	6.9	1.96	22.3	15.5	7.4	2.07	22.3	14.9	8.1	2.25	23.0	15.2	8.6	2.39	23.4	15.2	9.1	2.52	24.2	15.2	9.6	2.67	24.8	15.2
Blue	6.0	1.67	21.1	12.6	6.4	1.78	21.3	12.6	6.8	1.92	21.6	13.7	7.6	2.12	22.3	13.1	7.8	2.17	23.2	12.2	8.4	2.34	23.6	12.0	9.0	2.50	24.6	12.0	9.5	2.64	25.2	11.8
Black	6.5	1.81	20.7	13.0	6.6	1.82	21.5	13.2	6.9	1.95	21.6	13.1	7.3	2.03	22.3	13.7	8.0	2.22	23.0	12.4	8.5	2.37	23.6	12.4	9.0	2.51	24.0	12.2	10.0	2.77	24.4	12.2
Red	5.9	1.63	20.7	15.8	6.2	1.73	20.9	15.6	6.7	1.89	21.6	10.1	7.2	1.99	22.3	9.4	7.8	2.15	22.6	15.6	8.3	2.30	23.4	15.8	8.7	2.42	24.0	15.2	9.3	2.57	24.4	15.4
Blue + Diffuser	5.5	1.54	21.3	10.8	5.9	1.64	21.3	10.4	6.3	1.78	22.3	10.7	6.8	1.89	22.9	10.7	7.4	2.05	23.0	10.6	7.9	2.19	23.6	10.4	8.4	2.34	24.6	10.6	8.9	2.47	25.2	10.2
Black + Diffuser	5.5	1.52	21.1	10.6	5.9	1.64	21.7	10.2	6.3	1.78	22.3	10.7	6.8	1.89	21.6	10.7	7.6	2.10	23.2	10.4	7.9	2.19	23.8	10.4	8.4	2.33	24.0	10.0	9.0	2.49	24.8	10.0
	MAIN NOZZLE #56 – GREEN								MAIN NOZZLE #60 – BLACK								MAIN NOZZLE #64 – RED							
Pressure (bar)	4.8				5.5				4.8				5.5				4.8				5.5			
Orange	9.2	2.56	25.4	10.2	9.9	2.76	26.2	10.2	10.1	2.80	25.8	9.8	10.8	2.99	26.6	9.6	10.9	3.04	27.0	10.0	11.7	3.24	28.0	10.2								
Green	10.0	2.77	24.4	15.2	10.6	2.95	25.6	15.2	10.9	3.02	25.2	14.8	11.5	3.20	26.0	15.0	11.8	3.26	26.0	15.0	12.1	3.36	27.2	15.2								
Blue	9.9	2.75	25.4	12.0	10.5	2.91	26.0	11.8	10.7	2.97	25.8	11.8	11.4	3.18	26.6	11.6	11.5	3.20	26.8	11.8	12.3	3.40	28.0	11.4								
Black	9.9	2.74	24.8	12.2	10.6	2.93	25.8	12.0	10.8	2.99	25.8	11.8	11.5	3.19	26.4	12.0	11.3	3.15	26.0	12.4	12.4	3.44	27.6	11.8								
Red	9.6	2.68	25.0	15.2	10.3	2.86	25.6	15.2	10.5	2.91	25.4	15.4	11.3	3.15	26.2	15.2	11.4	3.15	26.4	15.2	12.1	3.35	27.0	15.4								
Blue + Diffuser	9.4	2.60	25.0	10.4	10.0	2.79	25.8	10.2	10.3	2.85	25.3	10.1	10.9	3.04	25.9	10.1	11.0	3.06	26.2	10.2	12.0	3.32	27.4	10.6								
Black + Diffuser	9.4	2.62	25.2	10.4	10.1	2.81	26.2	10.2	10.3	2.86	25.6	9.8	11.0	3.05	26.6	9.8	11.0	3.07	26.6	9.6	11.7	3.26	26.6	9.6								