

Rain Bird Falcon 6504

nozzle-set 4-6-8 | 10-12-16-18

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Falcon® 6504 Nozzle Performance						METRIC	
Pressure bar	Nozzle	Radius m	Flow m³/h	Flow l/m	Precip mm/h	Precip mm/h	
2.5	● 4	12.3	0.72	11.92	10	11	
	● 6	13.5	1.05	17.56	12	13	
	● 8	14.9	1.50	25.20	13	16	
3.0	● 4	12.5	0.78	13.02	10	12	
	● 6	14.1	1.16	19.34	12	13	
	● 8	15.1	1.56	26.04	14	16	
3.5	● 4	12.5	0.85	14.09	11	13	
	● 6	14.9	1.26	20.96	11	13	
	● 8	15.5	1.69	28.24	14	16	
4.0	● 4	12.5	0.89	14.91	11	13	
	● 6	14.4	1.34	22.33	13	15	
	● 8	15.5	1.83	30.44	15	17	
4.5	● 4	12.5	0.96	15.94	12	14	
	● 6	14.6	1.40	23.33	13	15	
	● 8	15.5	1.95	32.43	16	19	
5.0	● 4	12.7	1.01	16.84	13	15	
	● 6	14.9	1.47	24.50	13	15	
	● 8	15.7	2.05	34.16	17	19	
5.5	● 4	13.1	1.04	17.39	12	14	
	● 6	14.9	1.56	25.79	14	16	
	● 8	16.1	2.13	35.54	16	19	

NOZZLE SET 4, 6, 8

Falcon® 6504 Nozzle Performance						METRIC	
Pressure bar	Nozzle	Radius m	Flow m³/h	Flow l/m	Precip mm/h	Precip mm/h	
2.5	● 10	15.5	1.84	30.60	15	18	
	● 12	16.2	2.20	36.60	17	19	
	● 14	16.8	2.57	42.60	18	21	
	● 16	16.8	2.86	47.40	20	24	
	● 18	18.0	3.11	51.60	19	22	
3.0	● 10	15.8	1.92	31.99	15	18	
	● 12	16.4	2.31	38.44	17	20	
	● 14	17.2	2.68	44.63	18	21	
	● 16	17.4	3.00	49.95	20	23	
	● 18	18.0	3.25	54.11	20	23	
3.5	● 10	16.2	2.08	34.70	16	18	
	● 12	16.8	2.52	41.98	18	21	
	● 14	18.0	2.91	48.45	18	21	
	● 16	18.6	3.27	54.53	19	22	
	● 18	18.1	3.53	58.78	22	25	
4.0	● 10	16.6	2.23	37.17	16	19	
	● 12	17.3	2.72	45.28	18	21	
	● 14	18.5	3.12	52.01	18	21	
	● 16	19.1	3.50	58.37	19	22	
	● 18	19.0	3.81	63.45	21	24	
4.5	● 10	17.1	2.37	39.44	16	19	
	● 12	17.7	2.89	48.17	18	21	
	● 14	18.6	3.32	55.38	19	22	
	● 16	19.2	3.71	61.82	20	23	
	● 18	19.5	4.03	67.12	21	24	
5.0	● 10	17.2	2.50	41.64	17	19	
	● 12	18.1	3.04	50.72	19	21	
	● 14	18.6	3.51	58.49	20	23	
	● 16	19.2	3.91	65.11	21	24	
	● 18	19.8	4.23	70.51	22	25	
5.5	● 10	16.8	2.63	43.84	19	22	
	● 12	18.6	3.18	52.92	18	21	
	● 14	18.6	3.67	61.23	21	25	
	● 16	19.2	4.10	68.40	22	26	
	● 18	19.8	4.44	74.07	23	26	
6.0	● 18	19.8	4.79	79.77	24	28	
6.2	● 18	19.8	4.93	82.13	25	29	

NOZZLE SET 10, 12, 14, 16, 18



Precipitation rates based on half-circle operation
 ■ Square spacing based on 50% diameter of throw
 ▲ Triangular spacing based on 50% diameter of throw
 Performance data collected in zero wind conditions

Performance data derived from tests that conform with ASABE Standards; ASABE S398.1.
 See page 198 for complete ASABE Test Certification Statement.