

Rain Bird 8005

nozzle-set 4-6-8 | 10-12-16-18 | 20-22-24-26

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8005 Nozzle Performance						METRIC	
Pressure bar	Nozzle	Radius m	Flow m ³ /h	Flow l/m	Precip mm/h	Precip mm/h	
3.5	● 4	11.9	0.86	14.38	12	14	
	● 6	13.7	1.28	21.34	14	16	
	● 8	14.9	1.59	25.50	14	16	
4.0	● 4	11.9	0.93	14.38	13	15	
	● 6	13.7	1.37	22.71	15	17	
	● 8	14.9	1.75	30.44	16	18	
4.5	● 4	11.9	1.00	16.18	14	16	
	● 6	13.7	1.45	24.28	15	18	
	● 8	14.9	1.92	32.99	17	20	
5.0	● 4	11.9	1.06	18.08	15	17	
	● 6	13.7	1.54	25.74	16	19	
	● 8	14.9	2.09	34.83	19	22	

NOZZLE SET 4, 6, 8

8005 Nozzle Performance						METRIC	
Pressure bar	Nozzle	Radius m	Flow m ³ /h	Flow l/m	Precip mm/h	Precip mm/h	
3.5	● 10	16.1	2.10	35.43	16	19	
	● 12	17.5	2.52	42.27	16	19	
	● 14	18.0	2.89	48.18	18	21	
	● 16	18.7	3.28	54.59	19	22	
	● 18	19.2	3.69	61.43	20	23	
4.0	● 10	16.3	2.30	37.63	17	20	
	● 12	17.7	2.70	44.74	17	20	
	● 14	18.5	3.17	52.85	19	21	
	● 16	19.6	3.54	58.98	18	21	
	● 18	19.7	3.97	66.10	20	24	
4.5	● 10	16.5	2.40	40.22	18	20	
	● 12	18.0	2.87	47.81	18	20	
	● 14	18.9	3.37	56.12	19	22	
	● 16	20.1	3.77	62.77	19	22	
	● 18	20.1	4.22	70.36	21	24	
5.0	● 10	16.7	2.50	42.68	18	21	
	● 12	18.3	3.05	50.92	18	21	
	● 14	19.2	3.54	58.96	19	22	
	● 16	20.4	3.99	66.44	19	22	
	● 18	20.6	4.47	74.58	21	24	
5.5	● 10	16.8	2.70	44.60	19	22	
	● 12	18.5	3.23	53.66	19	22	
	● 14	19.2	3.72	61.98	20	23	
	● 16	20.4	4.22	70.28	20	23	
	● 18	21.0	4.74	78.97	21	25	
6.0	● 12	18.6	3.30	55.07	19	22	
	● 14	19.6	3.96	66.06	21	24	
	● 16	20.9	4.45	74.12	20	24	
	● 18	21.5	4.95	82.56	21	25	
	6.0	● 14	19.8	4.06	67.75	21	24
● 16		21.0	4.54	75.70	21	24	
● 18		21.7	5.04	84.02	21	25	

NOZZLE SET 10, 12, 14, 16, 18

8005 Nozzle Performance						METRIC	
Pressure bar	Nozzle	Radius m	Flow m ³ /h	Flow l/m	Precip mm/h	Precip mm/h	
3.5	● 20	19.9	4.25	70.83	21	25	
	● 22	20.0	5.08	79.07	25	29	
	● 24	19.3	5.11	85.10	27	32	
	○ 26	20.0	5.57	92.67	28	32	
4.0	● 20	20.3	4.50	74.95	22	25	
	● 22	21.3	5.23	85.94	23	27	
	● 24	20.7	5.50	91.69	26	30	
	○ 26	21.8	6.01	99.26	25	29	
4.5	● 20	21.1	4.79	79.87	22	25	
	● 22	22.0	5.51	91.80	23	26	
	● 24	22.0	5.88	98.08	24	28	
	○ 26	22.6	6.42	106.44	25	29	
5.0	● 20	21.6	5.11	85.08	22	25	
	● 22	22.4	5.84	97.39	23	27	
	● 24	23.0	6.26	104.29	24	27	
	○ 26	23.2	6.80	113.28	25	29	
5.5	● 20	21.6	5.42	90.30	23	27	
	● 22	22.8	6.19	103.15	24	28	
	● 24	23.5	6.62	110.33	24	28	
	○ 26	24.1	7.14	119.05	25	28	
6.0	● 20	22.1	5.65	94.18	23	27	
	● 22	22.9	6.71	108.12	26	30	
	● 24	23.9	6.92	115.31	24	28	
	○ 26	24.1	7.50	125.08	26	30	
6.5	● 20	22.5	5.89	98.19	23	27	
	● 22	23.4	6.84	112.73	25	29	
	● 24	24.1	7.22	120.25	25	29	
	○ 26	24.3	7.91	131.76	27	31	
6.9	● 20	22.9	6.09	101.43	23	27	
	● 22	23.5	6.97	116.19	25	29	
	● 24	24.1	7.45	124.14	26	30	
	○ 26	24.7	8.24	137.39	27	31	

NOZZLE SET 20, 22, 24, 26

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.