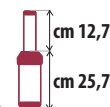


Technical Data

Rain Bird > Medium and Large Throw-Range Rotors

> 8005 Series



DESCRIPTION:

Features

- Vandal resistance, brass reinforced turret for increased resistance to side impact
- Memory Arc® returns the rotor to its original arc setting
- Non-strippable drive mechanism prevents damage from vandals
- Easy, wet, dry arc adjustment with slotted screwdriver through top of rotor from 50° to 330° part-circle, 360° non-reversing
- full-circle; full and part circle operation in one unit
- Left and right side trips adjustable for ease of installation without turning the case and loosening the pipe connection
- SAM Seal-A-Matic check valve
- 3-port, colour-coded Rain Curtain nozzles for optimal long-range, midrange, and close-in watering
- 5 year warranty

Options

- Stainless steel (SS) riser helps deter vandalism on public turf areas
- Purple cover (NP) for non-potable systems
- Optional Sod Cup

Operating Specifications

- Radius: 11,9 ÷ 24,7 m
- Precipitation rate: 12 ÷ 31 mm/h
- Pressure: 3,5 ÷ 6,9 bar
- Flow: 0,86 ÷ 8,24 m³/h - 14,4 ÷ 137,4 l/min
- 1" NPT or BSP female threaded inlet
- SAM Seal-A-Matic™ check valve holds up to 3,1 m of elevation
- change
- Nozzle outlet trajectory is 25°
- Rain Curtain™ Nozzles: included with rotor, other sizes available upon request; 10-grey, 12-beige, 14-light green, 16-dark brown, 18-dark blue

Low Flow Kit



Standard Flow Kit



High Flow Kit



Cutaway

NOZZLES FEATURES

Nozzle N.	Colour	Q m³/h	Nozzle N.	Colour	Q m³/h
4	black	1,06	16	brown	3,99
6	light blue	1,54	18	blue	4,47
8	green	2,09	20	red	5,11
10	grey	2,5	22	yellow	5,84
12	beige	3,05	24	orange	6,26
14	light green	3,54	26	white	6,8

Flow-rate value by 5 bar

Code

Description

OID814	8005 with plastic sleeve
OID815	8005 with stainless steel coating, plastic sleeve
OAA102	8005 series sprinkler sodcup



Sod Cup

Rain Bird > Medium and Large Throw-Range Rotors

8005 SERIES NOZZLE COLOUR SELECTOR

4



6



8



10



12



14



16



18



20



22



24



26



PERFORMANCE NOZZLES 8005

Press. bar	Nozzle	Radius mt	Flow rate		Precipit. mm/h	
			m ³ /h	l/min	■	▲
3,5	4	11,9	0,86	14,38	12	14
3,5	6	13,7	1,28	21,34	14	16
3,5	8	14,9	1,59	25,50	14	16
3,5	10	16,1	2,10	35,43	16	19
3,5	12	17,5	2,52	42,27	16	19
3,5	14	18,0	2,89	48,18	18	21
3,5	16	18,7	3,28	54,59	19	22
3,5	18	19,2	3,69	61,43	20	23
3,5	20	19,9	4,25	70,83	21	25
3,5	22	20,0	5,08	79,07	25	29
3,5	24	19,3	5,11	85,10	27	32
3,5	26	20,0	5,57	92,67	28	32

4,0	4	11,9	0,93	14,38	13	15
4,0	6	13,7	1,37	22,71	15	17
4,0	8	14,9	1,75	30,44	16	18
4,0	10	16,3	2,30	37,63	17	20
4,0	12	17,7	2,70	44,74	17	20
4,0	14	18,5	3,17	52,85	19	21
4,0	16	19,6	3,54	58,98	18	21
4,0	18	19,7	3,97	66,10	20	24
4,0	20	20,3	4,50	74,95	22	25
4,0	22	21,3	5,23	85,94	23	27
4,0	24	20,7	5,50	91,69	26	30
4,0	26	21,8	6,01	99,26	25	29

4,5	4	11,9	1,00	16,18	14	16
4,5	6	13,7	1,45	24,28	15	18
4,5	8	14,9	1,92	32,99	17	20
4,5	10	16,5	2,40	40,22	18	20
4,5	12	18,0	2,87	47,81	18	20
4,5	14	18,9	3,37	56,12	19	22
4,5	16	20,1	3,77	62,77	19	22
4,5	18	20,1	4,22	70,36	21	24
4,5	20	21,1	4,79	79,87	22	25
4,5	22	22,0	5,51	91,80	23	26
4,5	24	22,0	5,88	98,08	24	28
4,5	26	22,6	6,42	106,44	25	29

5,0	4	11,9	1,06	18,08	15	17
5,0	6	13,7	1,54	25,74	16	19
5,0	8	14,9	2,09	34,83	19	22
5,0	10	16,7	2,50	42,68	18	21
5,0	12	18,3	3,05	50,92	18	21
5,0	14	19,2	3,54	58,96	19	22
5,0	16	20,4	3,99	66,44	19	22
5,0	18	20,6	4,47	74,58	21	24
5,0	20	21,6	5,11	85,08	22	25
5,0	22	22,4	5,84	97,39	23	27
5,0	24	23,0	6,26	104,29	24	27
5,0	26	23,2	6,80	113,28	25	29

5,5	4	11,9	1,13	18,90	16	18
5,5	6	13,7	1,62	26,84	17	20
5,5	8	14,9	2,25	37,02	20	23
5,5	10	16,8	2,70	44,60	19	22
5,5	12	18,5	3,23	53,66	19	22
5,5	14	19,2	3,72	61,98	20	23
5,5	16	20,4	4,22	70,28	20	23
5,5	18	21,0	4,74	78,97	21	25
5,5	20	21,6	5,42	90,30	23	27
5,5	22	22,8	6,19	103,15	24	28
5,5	24	23,5	6,62	110,33	24	28
5,5	26	24,1	7,14	119,05	25	28

Press. bar	Nozzle	Radius mt	Flow rate		Precipit. mm/h	
			m ³ /h	l/min	■	▲
6,0	12	18,6	3,30	55,07	19	22
6,0	14	19,6	3,96	66,06	21	24
6,0	16	20,9	4,45	74,12	20	24
6,0	18	21,5	4,95	82,56	21	25
6,0	20	22,1	5,65	94,18	23	27
6,0	22	22,9	6,71	108,12	26	30
6,0	24	23,9	6,92	115,31	24	28
6,0	26	24,1	7,50	125,08	26	30

6,2	14	19,8	4,06	67,75	21	24
6,2	16	21,0	4,54	75,70	21	24
6,2	18	21,7	5,04	84,02	21	25

6,5	20	22,5	5,89	98,19	23	27
6,5	22	23,4	6,84	112,73	25	29
6,5	24	24,1	7,22	120,25	25	29
6,5	26	24,3	7,91	131,76	27	31

6,9	20	22,9	6,09	101,43	23	27
6,9	22	23,5	6,97	116,19	25	29
6,9	24	24,1	7,45	124,14	26	30
6,9	26	24,7	8,24	137,39	27	31

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 taken in zero wind conditions
 Performance data derived from tests that conform with ASABE Standards; ASABE S398.1