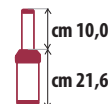


Technical Data

Rain Bird > Medium and Large Throw-Range Rotors

> 6504 Falcon Series



DESCRIPTION:

- Ratcheting stem just like standard spray bodies
- 3-port, colour-coded Rain Curtain nozzles for optimal long range, midrange, and close-in watering
- SAM Seal-A-Matic check valve
- Self-adjusting stator does not require replacement when

Features

- changing nozzles
- Heavy-duty, stainless steel retract spring ensures positive pop-down
- 5 year warranty

Options

- Stainless steel (SS) riser helps deter vandalism on public turf areas
- Purple cover (NP) for non-potable systems
- High Speed (HS) "Tan Top" version for dust suppression

Operating Specifications

- Precipitation rate: $9 \div 32$ mm/h
- Radius: $11,3 \div 19,8$ m
- Pressure: $2,1 \div 6,2$ bar
- Flow: $0,66 \div 4,93$ m³/h - $10,8 \div 82,2$ l/min
- 1" female NPT or BSP threaded inlet
- SAM Seal-A-Matic™ check valve holds up to 3,1 m of elevation
- change
- Rain Curtain™ Nozzles: included with rotor, other sizes available upon request; 10-grey, 12-beige, 14-light green, 16-dark brown, 18-dark blue
- Nozzle outlet trajectory is 25°

Article	Description
OID809	Rotor Falcon PC-SS-HS - B65841; bown cover
OID810	Falcon FC sprinkler - B65311
OID811	Falcon PC sprinkler - B65301

Article	Description
OID812	Falcon FC-SS Inox sprinkler - B65811
OID813	Falcon PC-SS Inox sprinkler - B65801

No mouthpiece included - while placing the order, please specify mouthpiece



Rain Bird > Medium and Large Throw-Range Rotors

FALCON NOZZLE COLOUR SELECTOR

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PERFORMANCE NOZZLES FALCON 6504

Press. bar	Nozzle	Radius mt	Flow rate		Precipit. mm/h	
			m ³ /h	l/min	■	▲
2,1	4	11,9	0,66	10,98	9	11
2,1	6	13,1	0,95	15,90	11	13

Press. bar	Nozzle	Radius mt	Flow rate		Precipit. mm/h	
			m ³ /h	l/min	■	▲
4,5	4	12,5	0,96	15,94	12	14
4,5	6	14,6	1,40	23,33	13	15
4,5	8	15,5	1,95	32,43	16	19
4,5	10	17,1	2,37	39,44	16	19
4,5	12	17,7	2,89	48,17	18	21
4,5	14	18,6	3,32	55,38	19	22
4,5	16	19,2	3,71	61,82	20	23
4,5	18	19,5	4,03	67,12	21	24

2,5	4	12,3	0,72	11,92	10	11
2,5	6	13,5	1,05	17,56	12	13
2,5	8	14,9	1,50	25,20	13	16
2,5	10	15,5	1,84	30,60	15	18
2,5	12	16,2	2,20	36,60	17	19
2,5	14	16,8	2,57	42,60	18	21
2,5	16	16,8	2,86	47,40	20	24
2,5	18	18,0	3,11	51,60	19	22

5,0	4	12,7	1,01	16,84	13	15
5,0	6	14,9	1,47	24,50	13	15
5,0	8	15,7	2,05	34,16	17	19
5,0	10	17,2	2,50	41,64	17	19
5,0	12	18,1	3,04	50,72	19	21
5,0	14	18,6	3,51	58,49	20	23
5,0	16	19,2	3,91	65,11	21	24
5,0	18	19,8	4,23	70,51	22	25

3,0	4	12,5	0,78	13,02	10	12
3,0	6	14,1	1,16	19,34	12	13
3,0	8	15,1	1,56	26,04	14	16
3,0	10	15,8	1,92	31,99	15	18
3,0	12	16,4	2,31	38,44	17	20
3,0	14	17,2	2,68	44,63	18	21
3,0	16	17,4	3,00	49,95	20	23
3,0	18	18,0	3,25	54,11	20	23

5,5	4	13,1	1,04	17,39	12	14
5,5	6	14,9	1,56	25,79	14	16
5,5	8	16,1	2,13	35,54	16	19
5,5	10	16,8	2,63	43,84	19	22
5,5	12	18,6	3,18	52,92	18	21
5,5	14	18,6	3,67	61,23	21	25
5,5	16	19,2	4,10	68,40	22	26
5,5	18	19,8	4,44	74,07	23	26

3,5	4	12,5	0,85	14,09	11	13
3,5	6	14,9	1,26	20,96	11	13
3,5	8	15,5	1,69	28,24	14	16
3,5	10	16,2	2,08	34,70	16	18
3,5	12	16,8	2,52	41,98	18	21
3,5	14	18,0	2,91	48,45	18	21
3,5	16	18,6	3,27	54,53	19	22
3,5	18	18,1	3,53	58,78	22	25

6,0	18	19,8	4,79	79,77	24	28
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4,0	4	12,5	0,89	14,91	11	13
4,0	6	14,4	1,34	22,33	13	15
4,0	8	15,5	1,83	30,44	15	17
4,0	10	16,6	2,23	37,17	16	19
4,0	12	17,3	2,72	45,28	18	21
4,0	14	18,5	3,12	52,01	18	21
4,0	16	19,1	3,50	58,37	19	22
4,0	18	19,0	3,81	63,45	21	24

6,2	18	19,8	4,93	82,13	25	29
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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

Technical Data

Rain Bird > Medium and Large Throw-Range Rotors

FALCON NOZZLE COLOUR SELECTOR

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PERFORMANCE FALCON 6504 HIGH SPEED NOZZLES

Press. bar	Nozzle	Radius mt	Flow rate		Precipit. mm/h	
			m³/h	l/min	■	▲
2,1	4	11,3	0,68	11,35	11	12
2,1	6	11,9	0,98	15,90	14	16

Press. bar	Nozzle	Radius mt	Flow rate		Precipit. mm/h	
			m³/h	l/min	■	▲
4,5	4	12,5	1,00	16,69	13	15
4,5	6	13,4	1,48	24,46	16	19
4,5	8	14,6	1,97	32,81	18	21
4,5	10	15,3	2,42	40,40	21	24
4,5	12	16,5	2,95	49,13	22	25
4,5	14	16,2	3,36	55,94	26	30
4,5	16	17,1	3,73	62,22	26	30
4,5	18	18,0	4,07	67,89	25	29

2,5	4	12,0	0,75	12,54	10	12
2,5	6	12,7	1,22	20,16	15	18
2,5	8	14,2	1,49	25,20	15	17
2,5	10	14,2	1,83	30,60	18	21
2,5	12	14,8	2,24	37,20	20	24
2,5	14	16,0	2,58	43,20	20	23
2,5	16	15,4	2,85	47,40	24	28
2,5	18	16,0	3,15	52,80	24	28

5,0	4	12,3	1,06	17,70	14	16
5,0	6	13,1	1,56	25,74	18	21
5,0	8	15,1	2,08	34,73	18	21
5,0	10	15,4	2,57	42,78	22	25
5,0	12	16,8	3,12	51,96	22	26
5,0	14	16,2	3,54	59,06	27	31
5,0	16	17,5	3,96	65,96	26	30
5,0	18	18,0	4,30	71,74	27	31

3,0	4	12,5	0,81	13,51	10	12
3,0	6	13,3	1,33	22,18	15	17
3,0	8	14,5	1,57	26,18	15	17
3,0	10	14,5	1,93	32,12	18	21
3,0	12	15,4	2,35	39,20	20	23
3,0	14	16,2	2,71	48,09	21	24
3,0	16	15,8	3,00	49,95	24	28
3,0	18	16,4	3,29	54,87	25	28

5,5	4	11,9	1,11	18,52	16	18
5,5	6	13,1	1,61	26,84	19	22
5,5	8	15,5	2,20	36,65	18	21
5,5	10	14,9	2,70	44,97	24	28
5,5	12	16,8	3,27	54,43	23	27
5,5	14	16,2	3,74	62,35	29	33
5,5	16	18,0	4,17	69,53	26	30
5,5	18	18,0	4,53	75,58	28	32

3,5	4	12,5	0,85	14,15	11	13
3,5	6	13,7	1,28	21,37	14	16
3,5	8	14,9	1,72	28,62	16	18
3,5	10	14,9	2,11	35,11	19	22
3,5	12	16,2	2,56	42,74	20	23
3,5	14	16,2	2,95	49,20	23	26
3,5	16	16,2	3,27	54,53	25	29
3,5	18	16,9	3,57	59,51	25	29

6,0	18	18,4	4,75	79,16	28	32
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4,0	4	12,5	0,93	15,52	12	14
4,0	6	13,7	1,38	23,02	15	17
4,0	8	14,4	1,85	30,81	18	21
4,0	10	14,9	2,27	37,86	20	24
4,0	12	16,2	2,76	46,03	21	24
4,0	14	16,2	3,17	52,77	24	28
4,0	16	16,6	3,50	58,37	25	29
4,0	18	17,7	3,83	63,90	24	28

6,2	18	18,6	4,84	80,62	28	32
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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