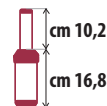


Technical Data

Rain Bird > Medium Throw-Range Rotors

> 3504 Series



3504 SERIES

Code	Box*
01D890	20

3504 SERIES/VALV. SAM

Code	Box*
01D901	20

*Loose sprinklers on request

DESCRIPTION:

Features

- Rain Curtain™ nozzles deliver even distribution over the entire radius including large wind resistant droplets and gentle close-in watering resulting in greener turf using less water
- Oversized wiper seal prevents leaks and protects internals from debris
- Arc adjustment through the top of the rotor requiring only a flat-blade screwdriver
- 3 year trade warranty

Options

- SAM Seal-A-Matic™ check valve holds up to 2,1 m of elevation change
- Purple Cover (NP) for non-potable water

Operating Specifications

- Precipitation rate: 9 ÷ 21 mm/h
- Radius: 4,6 ÷ 10,7 m
- Radius may be reduced up to 25% with radius reduction screw
- Pressure: 1,7 ÷ 3,8 bar
- Flow rate: 2,0 ÷ 17,4 l/min
- ½ NPT female bottom threaded inlet
- Reversing full- and part-circle adjustment 40° - 360°
- Nozzle trajectory of 25°

PERFORMANCE NOZZLES 3504 SERIES

Press. bar	Nozzle	Radius mt	Flow rate		Precipit. mm/h		Press. bar	Nozzle	Radius mt	Flow rate		Precipit. mm/h	
			m³/h	l/min	■	▲				m³/h	l/min	■	▲
1,7	0,75	4,6	0,12	2,04	12	14	3,0	0,75	5,2	0,17	2,86	13	15
1,7	1,00	6,1	0,17	2,91	9	11	3,0	1,00	6,4	0,24	3,93	12	13
1,7	1,50	7,0	0,24	4,01	10	11	3,0	1,50	7,3	0,33	5,49	12	14
1,7	2,00	8,2	0,32	5,30	9	11	3,0	2,00	8,2	0,43	7,17	13	15
1,7	3,00	8,8	0,49	8,21	13	15	3,0	3,00	9,4	0,67	11,13	15	17
1,7	4,00	9,4	0,67	11,24	15	17	3,0	4,00	10,6	0,92	15,32	16	19
2,0	0,75	4,8	0,13	2,24	12	13	3,5	0,75	5,4	0,19	3,09	13	15
2,0	1,00	6,2	0,19	3,14	10	11	3,5	1,00	6,6	0,26	4,27	12	14
2,0	1,50	7,0	0,26	4,35	11	12	3,5	1,50	7,3	0,36	5,97	13	15
2,0	2,00	8,2	0,34	5,74	10	12	3,5	2,00	8,4	0,47	7,79	13	15
2,0	3,00	9,1	0,53	8,87	13	15	3,5	3,00	9,6	0,71	11,90	15	18
2,0	4,00	9,7	0,73	12,17	16	18	3,5	4,00	10,7	1,00	16,66	18	20
2,5	0,75	5,2	0,16	2,58	12	13	3,8	0,75	5,5	0,19	3,22	13	15
2,5	1,00	6,4	0,21	3,55	10	12	3,8	1,00	6,7	0,27	4,47	12	14
2,5	1,50	7,0	0,30	4,94	12	14	3,8	1,50	7,3	0,37	6,25	14	16
2,5	2,00	8,2	0,39	6,51	12	13	3,8	2,00	8,5	0,49	8,14	13	15
2,5	3,00	9,4	0,60	10,03	13	16	3,8	3,00	9,8	0,74	12,30	16	18
2,5	4,00	10,1	0,83	13,82	16	19	3,8	4,00	10,7	1,04	17,41	18	21

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