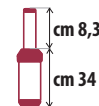


Technical Data

Rain Bird > Medium and Large Throw-Range Rotors

> Eagle Series



DESCRIPTION:

Applications

- EAGLE™ turbine sprinklers have been specifically designed to withstand even harsh conditions such as sports field irrigation systems

Features

- Closed casing models to better protect the internal mechanism from debris
- Water-lubricated turbine mechanism
- The peculiar washing action keeps the suspended substances away from the internal components
- Maintenance can be carried out from above
- Sturdy return spring for the return of the turret
- Full circle and variable sector models (up to 345°)
- Built-in solenoid valve
- Pressure regulator adjustable from above - factory pre-set at 5,5 bar
- 950 models have 4 cascade nozzles (18 to 24) for optimum uniformity and 4 standard nozzles (26 to 32)
- "TSRS™": (Rock Screen™ filter) reachable from above which allows you to remove installation debris or deposits due to deposits over time

Specifications

- Operating pressure: 4,1 ÷ 6,9 bar
- Flow rate: 4,43 ÷ 13,49 m³/h
- Radius for EAGLE™ 900: 19,2 ÷ 29,6 m
- Radius for EAGLE™ 950: 21,3 ÷ 28 m
- Trajectory of the mouthpiece: 25°
- Maximum height of the jet: 6,1 m
- Female threaded connection: 1"½ ACME
- EAGLE™ 900/950 Series
- The Sprinkler that offers durable performance

Electrical Specifications

- Solenoid: 24Vca - 50 Hz
- Absorption at starting: 0,41 A (9,9 VA)
- Absorption in steady state: 0,30 A (7,2 VA)

Dimensions

- Top diameter: 21 cm

Code	Description	Body cm
OID816	Full circle eagle 900	34
OID818	Variable sector eagle 950	34
OAA105	Artificial grass cover for Eagle series sprinkler	
OAA106*	Rubber cover for Eagle 900 series	
OAA107*	Rubber cover for Eagle 950 series	

*While stocks last

OPTIONS RUBBER COVER KIT SYNTHETIC GRASS COVERING KIT for EAGLE™ 900/950 APPLICATIONS

- When the EAGLE™ 950 sprinklers are used in sports fields, these two kits provide greater protection for the players

FEATURES

- 2-piece kit: cover of the nozzle holder turret and nut
- Easy to install

DIMENSIONS

- Ferrule diameter: 19 cm
- Height of the rubber ring: 3,0 cm (add 1,5 cm for the synthetic grass version)



Maintenance can be carried out from above

Code	Description	Box
UR030	Blue mouthp. 44 x Eagle 900-213900-44	10
UR031	Yellow mouthp. 48 x Eagle 900-213900-48	10
UR032	Orange mouthp. 52 x Eagle 900-213900-52	10
UR034	Black mouthp. 60 x Eagle 900-213900-60	10
UR035	Red mouthp. 64 x Eagle 900-213900-64	10
UR036	White mouthp. 18 x Eagle 950-213950- 18	10
UR038	Blue mouthp. 22 x Eagle 950-213950-22	10
UR039	Yellow mouthp. 24 x Eagle 950-213950-24	10
UR040	Orange mouthp. 26 x Eagle 950-213950-26	10
UR043	Brown mouthp. 32 x Eagle 950-213950-32	10

Rain Bird > Medium and Large Throw-Range Rotors

PERFORMANCE NOZZLES EAGLE 900 SERIES

Press. bar	Nozzle	Radius mt	Flow rate		Precipit. mm/h		
			m ³ /h	l/min	■	▲	
4,1	●	44	19,2	4,85	80,83	13	15
4,5		44	19,8	5,11	85,17	13	15
5,0		44	20,7	5,40	90,00	13	15
5,5		44	21,6	5,59	93,17	12	14
6,0		44	21,6	5,90	98,33	13	15
6,5		44	21,9	6,16	102,67	13	15
6,9		44	22,3	6,35	105,83	13	15
6,9		44	22,3	6,35	105,83	13	15
4,1	●	48	22,3	6,56	109,33	13	15
4,5		48	22,3	6,81	113,50	14	16
5,0		48	22,4	7,22	120,33	14	17
5,5		48	22,8	7,72	128,67	15	17
6,0		48	23,3	7,88	131,33	14	17
6,5		48	23,5	8,06	134,33	15	17
6,9		48	23,5	8,22	137,00	15	17
6,9		48	23,5	8,22	137,00	15	17
4,1	●	52	22,9	7,25	120,83	14	16
4,5		52	23,5	7,57	126,17	14	16
5,0		52	24,2	8,00	133,33	14	16
5,5		52	24,7	8,41	140,17	14	16
6,0		52	24,7	8,81	146,83	14	17
6,5		52	24,9	9,19	153,17	15	17
6,9		52	25,3	9,49	158,17	15	17
6,9		52	25,3	9,49	158,17	15	17
4,1	●	60	-	-	-	-	-
4,5		60	26,2	9,47	157,83	14	16
5,0		60	26,8	10,00	166,67	14	16
5,5		60	27,7	10,52	175,33	14	16
6,0		60	27,7	11,03	183,83	14	17
6,5		60	27,7	11,50	191,67	15	17
6,9		60	27,7	11,86	197,67	15	18
6,9		60	27,7	11,86	197,67	15	18
4,1	●	64	-	-	-	-	-
4,5		64	27,4	10,35	172,50	14	16
5,0		64	27,9	10,94	182,33	14	16
5,5		64	28,3	11,56	192,67	14	16
6,0		64	28,8	12,06	201,00	14	17
6,5		64	29,2	12,57	209,50	15	17
6,9		64	29,6	12,97	216,17	15	17
6,9		64	29,6	12,97	216,17	15	17

PERFORMANCE NOZZLES EAGLE 950 SERIES

Press. bar	Nozzle	Radius mt	Flow rate		Precipit. mm/h		
			m ³ /h	l/min	■	▲	
4,1	○	18-C	21,3	4,43	73,83	19	23
4,5		18-C	21,7	4,64	77,33	20	23
5,0		18-C	22,1	4,93	82,17	20	23
5,5		18-C	22,5	5,19	86,50	20	24
6,0		18-C	22,8	5,44	90,67	21	24
6,5		18-C	23,0	5,68	94,67	21	25
6,9		18-C	23,2	5,86	97,67	22	25
6,9		18-C	23,2	5,86	97,67	22	25
4,1	●	20-C	21,9	5,22	87,00	22	25
4,5		20-C	22,3	5,48	91,33	22	26
5,0		20-C	22,7	5,81	96,83	23	26
5,5		20-C	23,2	6,12	102,00	23	26
6,0		20-C	23,6	6,40	106,67	23	27
6,5		20-C	24,0	6,69	111,50	23	27
6,9		20-C	24,4	6,93	115,50	23	27
6,9		20-C	24,4	6,93	115,50	23	27
4,1	●	22-C	22,6	6,02	100,33	24	27
4,5		22-C	22,9	6,29	104,83	24	28
5,0		22-C	23,5	6,66	111,00	24	28
5,5		22-C	24,4	7,01	116,83	23	27
6,0		22-C	24,8	7,34	122,33	24	28
6,5		22-C	25,3	7,64	127,33	24	28
6,9		22-C	25,6	7,86	131,00	24	28
6,9		22-C	25,6	7,86	131,00	24	28
4,1	●	24-C	23,2	7,00	116,67	26	30
4,5		24-C	23,8	7,32	122,00	26	30
5,0		24-C	24,7	7,75	129,17	25	29
5,5		24-C	25,6	8,16	136,00	25	29
6,0		24-C	26,5	8,56	142,67	24	28
6,5		24-C	27,1	8,93	148,83	24	28
6,9		24-C	27,4	9,20	153,33	24	28
6,9		24-C	27,4	9,20	153,33	24	28
4,1	●	26	23,8	8,18	136,33	29	34
4,5		26	24,4	8,50	141,67	29	33
5,0		26	25,1	8,95	149,17	28	33
5,5		26	25,6	9,41	156,83	29	33
6,0		26	26,0	9,73	162,17	29	33
6,5		26	26,5	10,18	169,67	29	33
6,9		26	26,8	10,61	176,83	29	34
6,9		26	26,8	10,61	176,83	29	34
4,1	●	28	-	-	-	-	-
4,5		28	25,2	9,44	157,33	30	35
5,0		28	25,8	10,00	166,67	30	35
5,5		28	26,2	10,72	178,67	31	36
6,0		28	26,9	10,93	182,17	30	35
6,5		28	27,4	11,37	189,50	30	35
6,9		28	27,7	11,86	197,67	31	36
6,9		28	27,7	11,86	197,67	31	36
4,1	●	30	-	-	-	-	-
4,5		30	25,2	10,44	174,00	33	38
5,0		30	25,8	10,92	182,00	33	38
5,5		30	26,2	11,43	190,50	33	39
6,0		30	27,1	11,85	197,50	32	37
6,5		30	27,7	12,30	205,00	32	37
6,9		30	28,0	12,67	211,17	32	38
6,9		30	28,0	12,67	211,17	32	38
4,1	●	32	-	-	-	-	-
4,5		32	25,3	11,17	186,17	35	41
5,0		32	25,7	11,60	193,33	35	41
5,5		32	25,9	12,05	200,83	36	42
6,0		32	26,6	12,46	207,67	35	41
6,5		32	27,3	13,00	216,67	35	41
6,9		32	28,0	13,49	224,83	34	40
6,9		32	28,0	13,49	224,83	34	40