



5000 Plus Series The Next Evolution in Rotor Performance

APPLICATIONS

The 5000 Plus Series mid-range rotor complements Rain Bird's already strong Top Adjust Rotor Family, by offering greater durability, high quality standards and performance. Whether used in a residential or commercial application, the 5000 Plus Series promises to deliver "the next evolution in Rotor Performance".

FEATURES

• **Stream Control™ Technology (SCT) with Flow Shut-off capabilities:**

- Flow Shut-Off device (cone valve) integrated into the flow path of the rotor assures maximum stream efficiency.
- Flow Path to Nozzle Bore transition radius minimizes pressure loss and assures peak nozzle performance.
- Smoothed Flow Path entrance of the rotor increases the maximum flow capabilities.

• **Enhanced Rain Curtain™ Nozzles:**

- Increased radius range with less flow per nozzle.
- New Micro-Ramps for Superior Close-in Watering.
- Nozzle Extraction Feature for easy rotor maintenance.

• **Standard Green Rubber Cover.**

• **Tree of nozzles including low angle and standard angle Rain Curtain™ Nozzles.**

• **Heavy-duty cover assembly for extra durability in residential or commercial applications.**

• **Debris Sentry™ integrated into the turret of the rotor, protects the internals from debris.**

• **Heavy-duty retract spring assures positive pop-down.**

• **Top-adjustment arc requiring only a flat-blade screwdriver.**

• **Water-lubricated gear-drive design for durable, reliable operation.**

• **40-360° Arc Rotation for reversing Full and Part Circle in one (a non-reversing Full circle only unit is also available).**

• **Radius adjustment screw allows up to 25% radius reduction without changing nozzles.**

• **True 10,15 and 30 cm pop-up from the case cover to the nozzle.**

• **Pressure activated multifunction wiper seal protects internals from debris and assures positive pop-up and retraction.**

• **Reinforced flow path for additional side load strength.**

• **Additional o-rings and seals for extra protection in "gritty" water.**

• **Optional:**

- Stainless Steel riser sleeve on SS models.
- Seal-A-Matic (SAM™) check valve holds up to 2,1m of elevation change.



SPECIFICATIONS

- Radius: 7,6 to 15,2 m
- Radius with radius reduction screw: 5,7 m
- Pressure: 1,7 to 4,5 bar
- Flow rate: 0,17 to 2,19 m³/h
- Angle of trajectory :
 - Standard angle Rain Curtain™ nozzles : 25°.
 - Low angle Rain Curtain™ nozzles : 10°.
- 3/4" female bottom threaded inlet.

DIMENSIONS

- Pop-up height: (from the cover to center of nozzle)
 - 5004 Plus : 10 cm
 - 5006 Plus : 15 cm
 - 5012 Plus : 30 cm
- Overall body height: (popped down)
 - 5004 Plus : 18,5 cm
 - 5006 Plus : 24,5 cm
 - 5012 Plus : 42,9 cm
- Exposed surface: 4,5 cm

OPTION

Matched Precipitation Rate (MPR) nozzles simplify the design process by allowing sprinklers with various arcs and radii to be mixed in the same circuit. Fit Rain Bird 5000 Plus rotors.

MODELS

Part Circle units (PC) are adjustable from 40-360°.

Full Circle units (FC) are 360° only

5004-PL-FC : Full Circle.

5004-PL-PC-3.0 : Part Circle with pre-installed nozzle, size 3.0.

5004-PL-PC-SS-SAM-3.0 : Part Circle, stainless steel covered riser stem, SAM check valve and pre-installed nozzle, size 3.0.

5006-PL-PC : Part Circle.

5006-PL-PC-SS-SAM : Part Circle, Stainless steel covered riser stem, SAM check valve.

5012-PL-PC : Part Circle.

5000-S-PL-PC : Part Circle, shrub.



ROTORS



PERFORMANCE

5000 Plus Standard Angle Rain Curtain™ Nozzles

Nozzles	bar	m	m ³ /h	■ mm/h	▲ mm/h
1,5	1,7	10,1	0,25	5	6
	2,0	10,2	0,28	5	6
	2,5	10,4	0,31	6	7
	3,0	10,6	0,34	6	7
	3,5	10,7	0,37	7	8
	4,0	10,6	0,40	7	8
	4,5	10,4	0,42	8	9
2,0	1,7	10,7	0,34	6	7
	2,0	10,8	0,36	6	7
	2,5	11,0	0,41	7	8
	3,0	11,2	0,45	7	8
	3,5	11,3	0,49	8	9
	4,0	11,1	0,52	8	10
2,5	1,7	10,7	0,41	7	8
	2,0	10,9	0,44	7	9
	2,5	11,3	0,50	8	9
	3,0	11,3	0,56	9	10
	3,5	11,3	0,60	9	11
	4,0	11,3	0,64	10	12
3,0	1,7	11,0	0,51	8	10
	2,0	11,2	0,55	9	10
	2,5	11,2	0,62	9	11
	3,0	12,1	0,69	9	11
	3,5	12,2	0,74	10	12
	4,0	12,2	0,80	11	12
4,0	1,7	11,3	0,66	10	12
	2,0	11,6	0,71	11	12
	2,5	12,3	0,81	11	13
	3,0	12,7	0,89	11	13
	3,5	12,8	0,97	12	14
	4,0	12,8	1,04	13	15
5,0	1,7	11,9	0,84	12	14
	2,0	12,1	0,91	12	14
	2,5	12,7	1,03	13	15
	3,0	13,5	1,13	12	14
	3,5	13,7	1,23	13	15
	4,0	13,7	1,32	14	16
6,0	1,7	11,9	0,97	14	16
	2,0	12,4	1,05	14	16
	2,5	13,2	1,21	14	16
	3,0	13,9	1,34	14	16
	3,5	14,2	1,45	14	17
	4,0	14,9	1,55	15	17
8,0	1,7	11,0	1,34	22	26
	2,0	11,8	1,45	21	24
	2,5	13,3	1,63	19	21
	3,0	14,1	1,79	18	21
	3,5	14,9	1,93	18	20
	4,0	15,2	2,06	18	21
4,5	15,2	2,19	19	22	

5000 Plus Low Angle Rain Curtain™ Nozzles

Nozzles	bar	m	m ³ /h	■ mm/h	▲ mm/h
1,0	1,7	7,6	0,17	6	7
	2,0	8,0	0,18	6	6
	2,5	8,6	0,20	5	6
	3,0	8,8	0,22	6	7
	3,5	8,8	0,24	6	7
	4,0	8,8	0,26	7	8
1,5	1,7	8,2	0,26	8	9
	2,0	8,6	0,28	8	9
	2,5	9,2	0,32	8	9
	3,0	9,4	0,35	8	9
	3,5	9,4	0,38	9	10
	4,0	9,4	0,41	9	11
2,0	1,7	8,8	0,33	9	10
	2,0	9,1	0,36	9	10
	2,5	9,5	0,41	9	10
	3,0	9,7	0,45	10	11
	3,5	9,9	0,49	10	11
	4,0	10,1	0,52	10	12
3,0	1,7	8,8	0,51	13	15
	2,0	9,3	0,55	13	15
	2,5	10,1	0,62	12	14
	3,0	10,6	0,68	12	14
	3,5	10,8	0,74	13	15
	4,0	11,0	0,80	13	15
4,5	11,0	0,84	14	16	

■ 50%
 ▲ 50%

5000 Plus Series Rotor

