



5000 ENHANCED / 5000 PLUS SERIES

The Next Evolution in Rotor Performance

The World's Best Quality Rotor.

APPLICATIONS

The 5000 Enhanced and 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 Series promises to deliver "the next evolution in Rotor Performance".

FEATURES

• **On 5000 Plus, 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 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.**

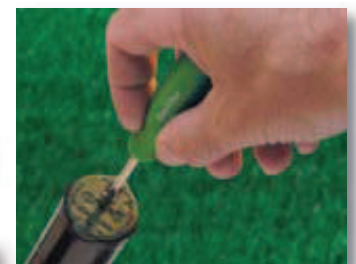
• **Reinforced flow path for additional side load strength.**

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



5000 Enhanced

5000 Plus



5000 Plus, Flow Shut-Off device

• **Optional on 5000 Plus Series :**

- 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)

- 5004/5004 Plus : 10 cm

- 5006 Plus : 15 cm

- 5012 Plus : 30 cm

Overall body height: (popped down)

- 5004/5004 Plus : 18,5 cm

- 5006 Plus : 24,5 cm

- 5012 Plus : 42,9 cm

Exposed surface: 4,1 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 Enhanced / 5000 Plus / 5000 Plus PRS / UPG rotors.

MODELS

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

Full Circle units (FC) are 360° only

5004-PC : Part Circle 5004 Enhanced

5004-PL-FC : Full Circle 5004 Plus.

5004-PL-PC-3.0 : Part Circle with pre-

installed nozzle, size 3.0 5004 Plus.

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.

ACCESSORY :

Rotor Pull up screwdriver