



EAGLE™ 705/755 Wind Tolerant Rotors

Effective Wind Tolerance Through Innovative Technology.



Install Confidence®. Install Rain Bird® EAGLE™ 705/755 Wind Tolerant Rotors.



Wind has always been an irrigation challenge on the golf course. Until now.

Introducing Rain Bird EAGLE 705/755 Wind Tolerant Rotors. The first golf course rotors specially engineered to deliver efficient, effective water distribution in the face of persistent wind.

Customer requests got the ball rolling.

Rain Bird was asked to create a wind tolerant rotor to complement its EAGLE 700 Series. The request was made because there was no rotor solution available anywhere that could effectively take on wind head-to-head. Rain Bird got to work and the result is the **EAGLE Wind Tolerant Rotor System**.

Integrating one design innovation after another.

Components of the EAGLE Wind Tolerant Rotor System include:

- Inverse Wedge-shaped Spray Pattern

- Larger Water Droplets
- Patent-pending Flow Channel Design
- Optimum Trajectory



Chris Padget, Superintendent
Ashwood Golf Course
Apple Valley, California

“Wind is generally out of the southwest, and it’s definitely a factor about 200 days a year. The negative impact is when we have to spot water dry areas during the day, and because there’s a new housing development that just went up around the course, it’s a challenge to irrigate up tight to these homes. We needed a solution and couldn’t find anything to help us out. The contractor that’s doing work around here did some research, and recommended the new Rain Bird® EAGLE™ Wind Tolerant Rotors. Since installing these rotors the results have been great. The lower trajectory, the wedge pattern, everything about this new rotor has done the job. Drift into the backyards of the surrounding homes has been significantly reduced, and the homeowners have told us they think this is great. The distribution into the wind has been effective, and without hesitation I’d recommend these rotors to anybody looking for an efficient wind tolerant irrigation solution.”

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Inverse Wedge-shaped Spray Pattern.

The inverse wedge-shaped pattern generated by EAGLE 705/755 Wind Tolerant Rotors delivers a greater water mass up-front, which creates more inertia to contend with wind. This improves distribution efficiency, especially further away from the head.

■ The water distribution profile of a typical standard rotor.

■ The water distribution profile of the wind tolerant rotor.

2



Larger Water Droplets.

The system is designed to produce larger-size droplets that are far less likely to cause misting, fogging or drift, which reduces wind-blown water loss, and places water where you need it.

3

Patent-pending Flow Channel Design.



This unique innovation reduces friction as water moves along the flow path and then out through the nozzle. By decreasing friction, more water is projected further, which maintains the standard radius of throw—even at the optimum 12-degree trajectory—to assure efficient distribution.

4



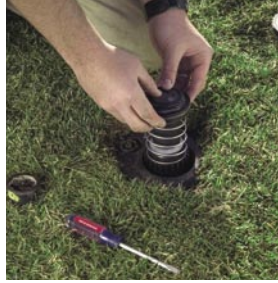
Optimum Spray Trajectory.

After extensive research and testing, Rain Bird engineering determined that a 12-degree trajectory provides effective wind tolerance, without a significant reduction in the distance of throw.



Rotor-ready or Retrofit.

Rain Bird EAGLE 705/755 Wind Tolerant Rotors are available now for new course construction or renovation projects.



A quick and easy Wind Tolerant Retrofit Kit is also available to convert any previously installed EAGLE 700 Series Rotor.

One point to keep in mind.

EAGLE 705/755 Wind Tolerant Rotors are designed to efficiently and effectively distribute water only on courses that experience consistently windy conditions. Consult with your Rain Bird Golf distributor before installing these rotors or retrofitting existing heads.

Take a Stand Against Wind.

If your golf course routinely contends with unrelenting wind, visit www.rainbird.com/windsolution to learn all about this efficient, effective irrigation solution. To arrange a demonstration, contact your Rain Bird Golf distributor.



Powered by Proven and Trusted Performance.

Powering this fully integrated Wind Tolerant System is the same heavy-duty water-lubricated gear-drive assembly found throughout the Rain Bird EAGLE Rotor lineup. Additional performance advantages shared with EAGLE 700/750 Rotors include:

- Patented Top-Serviceable Rock Screen™ and Replaceable Valve Seat allows for the removal of debris at installation or debris that builds up over time.
- True closed-case design with self-flushing action protects internal assembly from debris, which allows the rotor to be set at a grade during installation and ensures reliable performance in all soil conditions.
- 3.25" (8,3 cm) pop-up height raises the stream above surrounding turf to enhance efficient water distribution.
- Color-coded nozzles are easy to identify and are interchangeable for added convenience and flexibility.
- Heavy-duty, two-piece solenoid can be easily removed even if the water line remains pressurized, without contaminating the pressure regulation system with dirt.



**Rain Bird Corporation
Golf Division**
6991 E. Southpoint Road
Tucson, AZ 85706
Phone: (520) 741-6100
Fax: (520) 741-6522
Email: rbgolf@rainbird.com

The Intelligent Use of Water.™ — Visit www.rainbird.com to learn more about our efforts.

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