



Prestigious International Soccer Tournament, Doha, Qatar

Rain Bird® Provides Superior Irrigation Systems at Six Stadiums for High-Profile Competition

All eyes are on Qatar in 2022 as they host one of the world's most prestigious sporting events. The country has been preparing for this moment since 2010, constructing seven new professional soccer stadiums, upgrading an eighth facility, and renovating large portions of Doha, the capital city.

THE CHALLENGE

Six professional stadiums and 40 training pitches require efficient, durable irrigation systems that meet the highest international standards for player safety. Precise control is needed to customize the range and distribution of water to keep the turf in pristine condition despite Doha's hot, dry climate. Sustainability is also important, and with no margin for error at this high-profile event, and a reliable partner is essential to the project's success.

THE SOLUTION:

Rain Bird has a reputation for delivering high-quality components and executing projects with integrity. They will be able to provide an efficient irrigation system that meets strict standards for player safety and playing conditions while keeping the turf looking great for television. Central Control technology will enable easy, intuitive operation for stadium officials.



8005 Series Rotors

Core Products Used:

- [8005 Series Rotors](#)
- [8005 Sod Cup](#)
- [SiteControl](#)
- [PESB Series Valves](#)
- [Swing Joints](#)
- [PAR+ES Decoder Controller](#)

KEY OBJECTIVES

- ✓ **Adhere to Strict Standards**
- ✓ **Install High-Quality System Components**
- ✓ **Control Watering Range and Distribution**
- ✓ **Support Sustainability Goals**



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APPROACH:

Install World-Class Irrigation Products

Versatile Rain Bird **8005 Series Rotors** will be ideal for the tournament's numerous facilities. These rotors feature an 80-foot radius and will deliver best-in-class distribution uniformity, with arcs that can be adjusted to meet the unique needs of each stadium. Their rugged construction will withstand abuse from the event's 64 professional matches and years of play afterwards. Adding the **8005 Sod Cup** will ensure the systems meet safety standards outlined by the tournament's governing body.

Conserve Water

Doha's desert location means fresh water is scarce and sustainability is a key consideration for stadium officials. The irrigation systems will need to use treated sewage effluent to water the turf. **PESB Series Valves** will be up to the task with innovative scrubber technology that ensures reliable performance despite the reclaimed water.

Enable Ease of Operation

Rain Bird's **SiteControl** central control software will enable easy, precise irrigation at six of the stadiums. Stadium officials will be able to monitor and control each system through an interactive map interface that displays real-time irrigation activity. They will also have the ability to program automatic schedules or turn on watering manually—if needed—using the **PAR+ES Decoder Controller**.



RESULTS:

World-Class Turf for Top-Level Play

Not every team will win their matches in the tournament, but Qatar's sport venues are the real winners with world-class facilities ready for the highest levels of play. The efficient Rain Bird technology meets all requirements for safety and playing conditions while keeping the turf looking beautiful for billions of soccer fans around the world.

