

## Case Study: Soccer's Biggest Stage Comes to Brazil



### The Challenge:

Installing systems in 11 stadiums throughout Brazil, Rain Bird had to adjust to varying climate regions and grass types. Uniform and precise irrigation is a key factor in creating consistent playing conditions.

### The Result:

An IQ™ v2.0 Central Control system with ESP-LX series controllers, wireless rain sensors and soil moisture sensors gave each stadium the flexibility needed during installation, ongoing cultivation of the field, and continued management of irrigation schedules.

*"Rain Bird products provided excellent water application uniformity and the ability to easily manage the system, plus the expertise provided by Rain Bird was very beneficial to the project."*

Fabio Camara  
Technical Director, World Sports Company



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## The Championship Formula for World Class Sports Turf Stadiums



# See Why the Best Playing Surfaces in the World Choose the Rain Bird® Championship Formula.

With more than 80 years as the industry leader, Rain Bird provides a worry-free solution for any sports turf. That's why eleven stadiums in Brazil recently chose state-of-the-art technology from Rain Bird to create ideal conditions for the world's biggest soccer tournament. And with affordable and customizable packages, you can too.

## 8005 Rotors

- Memory Arc® returns the rotor to its original arc setting.
- Adjust arc from 50° to 330° with just a slotted screwdriver.



# OF UNITS	UNIT #
16 Part-Circle + 8 Full-Circle	B8120018
Stainless-Steel 16+8	B8140018

## PGA Valves

- Water-tight seal endures the most extreme conditions.
- Filtered pilot flow resists debris and clogging.



# OF UNITS	UNIT #
4	B31510

## ESP-LX Series Controllers

- Designed to maintain the ease of programming of the ESP-Series controllers.
- Offers a 2-wire path for decoder-based irrigation.

# OF UNITS	UNIT #
1	F44082
1	F43120



## IQ™ v2.0 Central Control

- Easy-to-use interface puts you in charge of state-of-the-art control features.
- Perfect irrigation control solution for sports fields and stadiums.

# OF UNITS	UNIT #
1	IQ200601



## World-Class Systems: Letzigrund Stadion Zurich



### Championship Formula 16+8 Configuration

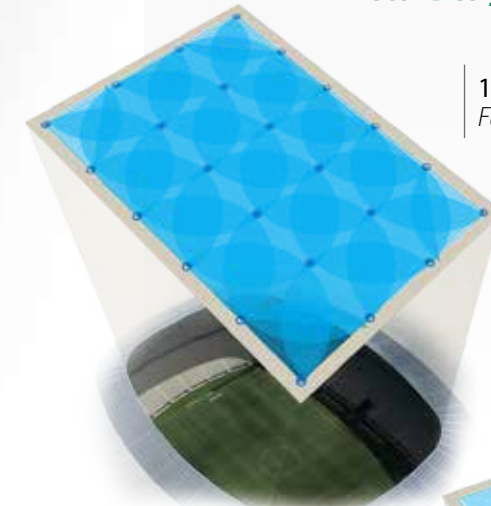
#### 24-rotor design:

- 16 part-circle rotors
- 8 full-circle rotors

#### Field dimension:

- 105 meters x 68 meters

### 24-Rotor Design vs. 13-Rotor Design



16+8 Rotor Design:  
Full, even coverage



10+3 Rotor Design:  
Brown spots and dry areas

#### • Also available:

35-rotor configuration  
(7 rows of 5 rotors).