



Sports Turf Solutions

Protect your turf. Protect your players. Protect your reputation.



The Intelligent Use of Water.™

COMPLETE YOUR GAME PLAN WITH IRRIGATION



THREE REASONS TO WATER NATURAL TURF

1

KEEP IT HEALTHY

Regularly scheduled watering promotes deep-root growth, leading to firmer footing conditions and a more visually appealing sports field.

2

KEEP IT PLAYABLE

Healthy, resilient turf is able to stand up to the rigors of frequent games and practices.

3

KEEP IT AFFORDABLE

Consistent irrigation prevents hot spots that can require additional care and maintenance, freeing up your crew and budget for other projects.



THREE REASONS TO WATER SYNTHETIC TURF

1

KEEP IT COOL

In a hot climate, irrigation can decrease surface temperature by 33 percent, increasing your players' comfort and reducing odor from recycled rubber.

2

KEEP IT CLEAN

Regular irrigation can deter the development of bacteria, reducing the possibility of player infection.

3

KEEP IT SAFE

Players prefer irrigated playing surfaces, as they offer a softer playing surface with limited friction, which leads to less skin burns and fewer injuries.

BUT THERE'S ONLY ONE COMPLETE SOLUTION: RAIN BIRD

DAY IN AND DAY OUT, RAIN BIRD CAN HELP ENSURE YOUR SPORT TURF PERFORMS AT ITS BEST.

With a complete line of irrigation products and leading support, Rain Bird can help you care for your turf like no other manufacturer can.

Through consistent watering, you and Rain Bird can provide your athletes the best possible playing conditions. Our patented nozzles offer wind-resistant water droplets and even coverage, preventing brown spots and inconsistent footing.

For artificial turf, Rain Bird's long-range performance can help you maintain a cool, clean, and playable field.

ENHANCE SAFETY BY PREVENTING OVERWATERING.

Sloppy field conditions can lead to poor play and even injuries. But a Rain Bird system promotes safe, reliable conditions by watering evenly and shortening your watering window, so your turf is ready for action when your players take the field.

STAY WITHIN BUDGET BY SAVING TIME, MONEY, AND WATER.

You want to cut costs and water use. Rain Bird is uniquely prepared to help. Pressure regulating systems optimize flow rate to conserve water.

Powered by current weather data, Rain Bird controllers only irrigate when the landscape requires it, saving you additional time and water.

BE CONFIDENT WITH INDUSTRY-LEADING SUPPORT.

Our team of experts can help assess your unique challenges and opportunities, then craft a plan that's right for you. We offer a variety of design tools, including blueprints.

Once your system is in place, we'll stand behind it with world-class service and support.



8005 ROTORS

Respects the football Federations standards for installation on playing surface.

- ★ Memory Arc® returns the rotor to its original arc setting.
- ★ Full circle or arc adjustment from 50° to 330° with just a slotted screwdriver.
- ★ Radius up to 24.7 m



UNIT
B8120018
B8140018 stainless steel model

FALCON 6504 ROTORS

Respects the football Federations standards for installation on playing surface.

- ★ High speed model for short runtimes (*clay tennis*)
- ★ Full circle or arc adjustment from 40° to 360°
- ★ Radius up to 19.8 m



UNIT
B65301 part circle
B65311 full circle
B65801 part circle, stainless steel
B65811 full circle, stainless steel
B65841 part circle, stainless steel high speed

WATER JET SPRINKLERS

- ★ Adjustable arc (part and full circle)
- ★ Ideal for artificial grass application and horse arenas.



UNIT
XLR24: 24° Waterjet
XLRADJ: 15-45° Waterjet

ESP-LX SERIES CONTROLLERS

- ★ Compatible with IQ Central Control for remote programming.
- ★ Cycle and soak.
- ★ Adjustable delay between valves.
- ★ ESP-LXME: up to 4 valves can run simultaneously.
- ★ ESP-LXD: up to 8 valves can run simultaneously 2-wire path decoder-based for an easy extension of new fields.



UNIT
F44082N ESP-LXME
F43120N ESP-LXD
A553300 Wireless rain/freeze sensor

IQ™ V3.0 CENTRAL CONTROL

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



IQ CENTRAL CONTROL

Save water with intelligent schedule adjustments influenced by local weather.

Give access to trainers through IQ mobile.

You receive alarms and flow monitoring to detect problems faster.

VALVES

- ★ Robust construction endures the most extreme conditions.
- ★ Filtered pilot flow resists debris and clogging.
- ★ Pressure regulating module (*PRS-DIAL*) optional.

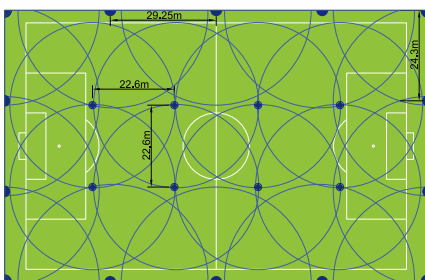


UNIT
B31410 PGA 1"
B31510 PGA 1" 1/2
B31610 PGA 2"
B37073 PESB 1"
B37083 PESB 1" 1/2
B37102 PESB 2"
B33135 PRS- DIAL





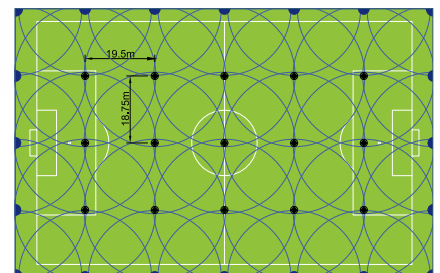
FOOT



NATURAL GRASS

117 x 73 METERS

- ★ Mixt version
- ★ Sprinklers 8005-SS stainless steel riser sleeve (8 units) + Eagle 950 (14 units)
- ★ Water supply: 23 m³/h @ 6.5 bar
- ★ Pressure in bar: 5.5
- ★ Flow in m³/h: full circle 5.42 – part circle 10.72



NATURAL GRASS

117 x 73 METERS

- ★ 7 laterals of 5 sprinklers 8005 stainless steel riser sleeve (35 units)
- ★ Water supply: 20 m³/h @ 7 bar
- ★ Pressure in bar: 5
- ★ Flow in m³/h: full circle 4.47 – part circle 3.05





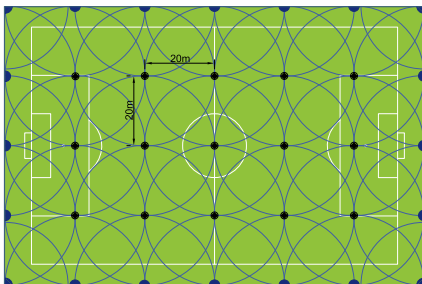
Fifa's recommendation

"Watering is essential in conditions with consistently high temperatures and is generally advisable. Artificial turf and infill granules absorb heat, and for player's comfort, it is advisable to cool down a warm playing surface".

Fifa Football Stadiums Technical Recommendations and Requirements.

BALL FIELDS

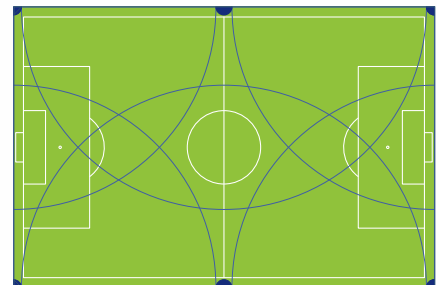
© Lotfi Dakhli



NATURAL GRASS

120 x 80 METERS

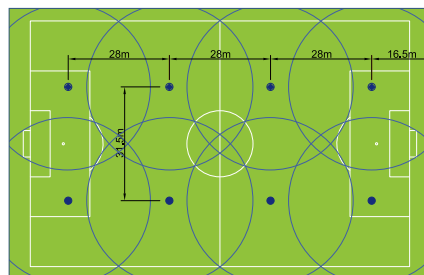
- ★ Sprinklers 8005-SS stainless steel riser sleeve (35 units)
- ★ **Option 1:** every rotor is controlled individually for the most precise watering
- ★ Water supply: 35,7 m³/h @ 7 bar
- ★ Pressure in bar: 5.5
- ★ Flow in m³/h: 7.14
- ★ **Option 2:** part and full circle rotors are circuited separately
- ★ Water supply: 22 m³/h @ 5.5 bar
- ★ Pressure in bar: 4.5
- ★ Flow in m³/h: full circle 7.14 – part circle 4.74



ARTIFICIAL GRASS

105 x 70 METERS

- ★ XLR24 Rain Gun, 2" + 3" riser and concrete base (6 units)
- ★ Water supply: 60 m³/h @ 6,5 bar
- ★ Pressure in bar: 5
- ★ Flow in m³/h: 58



ARTIFICIAL GRASS

105 x 70 METERS

- ★ 117 x 75 meters
- ★ Sprinklers 8005 stainless steel riser sleeve (8 units)
- ★ Water supply: 14 m³/h @ 6 bar
- ★ Pressure in bar: 5
- ★ Flow in m³/h: 6.26

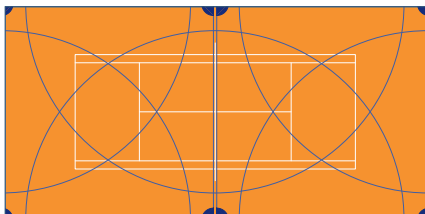


More details about sport fields designs:
www.rainbird.eu/support



TENNIS COURT

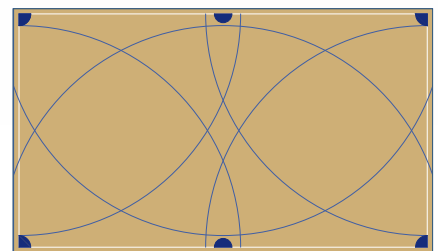
HORSE ARENA & TRACKS



TENNIS COURT

36 x 18 METERS

- ★ Part circles sprinkler Falcon High Speed (8 units)
- ★ Water supply: 5.5 m³/h @ 4 bar
- ★ Pressure in bar: 3
- ★ Flow in m³/h: 2.71



HORSES ARENA

70 x 40 METERS

- ★ XLR24 Rain Gun, 2" + 3" riser and concrete base (40 units)
- ★ Water supply: 21 m³/h @ 7 bar
- ★ Pressure in bar: 4.5
- ★ Flow in m³/h: 20.7



HORSES TRACKS

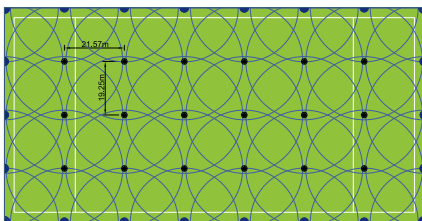
25 METERS WIDE

- ★ Rotors EAGLE 950-E
- ★ Pressure in bar: 5.5
- ★ Flow in m³/h: 10.72





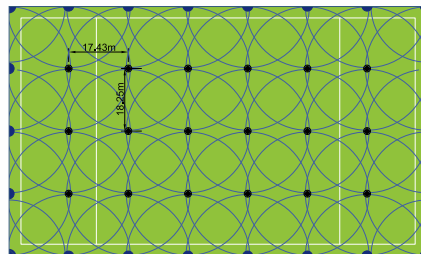
HOCKEY RUGBY FIELD



RUGBY

151 x 77 METERS

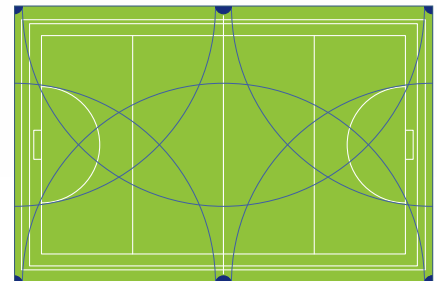
- ★ Sprinklers 8005-SS stainless steel riser sleeve (40 units)
- ★ Water supply: 22 m³/h @ 6.5 bar
- ★ Pressure in bar: 5.5
- ★ Flow in m³/h: full circle 4.74 – part circle 3.72



RUGBY

122 x 73 METERS

- ★ Falcon 6504 sprinklers (22 units part circle – 18 units full circle)
- ★ Water supply: 21 m³/h @ 4.5 bar
- ★ Pressure in bar: 3
- ★ Flow in m³/h: full circle 3.25 – part circle 2.3



HOCKEY

105 x 70 METERS

- ★ XLR24 Rain Gun, 2" + 3" riser and concrete base (6 units)
- ★ Water supply: 45.5 m³/h @ 7 bar
- ★ Pressure in bar: 6
- ★ Flow in m³/h: 45.2

More details about sport fields designs:
www.rainbird.eu/support

The Best Playing Surfaces in the World Choose Rain Bird



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FOOTBALL

- ★ King Power - Leicester City F. C.
- ★ Stamford Bridge - Chelsea F.C.
- ★ Anfield - Liverpool F.C.
- ★ Old Trafford - Manchester United
- ★ Training grounds Arsenal F. C.
- ★ Juventus Stadium - Juventus FC
- ★ San Siro Stadium - AC Milan and Inter Milan
- ★ Stade des Lumières - Olympique Lyonnais
- ★ Allianz Riviera - OGC Nice
- ★ La Beaujoire - FC Nantes Atlantique
- ★ Signal Iduna Park - Borussia Dortmund
- ★ Veltins Arena - Schalke 04
- ★ Olympiastadion Berlin - Hertha Berlin
- ★ Estadio de Riázar - R.C. Deportivo de La Coruña
- ★ La Rosaleda - Málaga CF
- ★ Estádio da Luz - SL Benfica
- ★ Estádio do Dragão - FC Porto
- ★ Baku Olympia Stadium - Azerbaïdjan
- ★ Kayseri Kadir Has Stadium - Turkey
- ★ Antalya Stadium - Turkey
- ★ Besiktas Vodafone Arena - Turkey
- ★ Stadion Energa Gdańsk - Poland

RUSSIA 2018

- 8 stadiums relied on Rain Bird irrigation systems
- ★ Otkrytie Arena - Moscow
 - ★ Luzhniki - Moscow
 - ★ Rostov Arena - Rostov on Don
 - ★ Volgograd Arena - Volgograd
 - ★ Kaliningrad Stadium - Kaliningrad
 - ★ Samara Arena - Samara
 - ★ Mordovia Arena - Saransk
 - ★ Nizhny Novgorod Stadium - Nizhny Novgorod

BRAZIL 2014

- 11 stadiums relied on Rain Bird irrigation systems
- ★ Maracanã
 - ★ Pernambuco
 - ★ Mineirão
 - ★ Castelão
 - ★ Mané Garrincha
 - ★ Corinthians
 - ★ Natal
 - ★ Pantanal
 - ★ Curitiba
 - ★ Manaus
 - ★ Fonte Nova

RUGBY

- ★ Stade Ernest Wallon - Stade Toulousain
- ★ Stade des Alpes - FC Grenoble
- ★ Athletic and rugby stadium - Sport Center of Gdansk

TENNIS

- ★ Deauville - Lawn Tennis Club Deauville

HORS TRACKS

- ★ Chantilly, Compiègne, Longchamp*, St-Cloud*, Auteuil*
- ★ La Zarzuela - Madrid

MISC

- ★ INSEP-Paris: The French National Institute of Sport, expertise and performance
- ★ Sporting Hockey Club Calais

And many more references (contact us)

*(Central Control)

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