



CHAMPIONS ARE GROWN



SPORTS TURF
SOLUTIONS

Protect Your Turf.
Protect Your Players.
Protect Your Reputation.

RAIN  **BIRD**®

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.



11000 ROTORS

All rotors meet 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 40° to 345° with just a slotted screwdriver.
- ★ Radius up to 105 feet (32.0 meters)



UNIT

(I)11004: 11004 with 1.5" ACME Inlet

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 81 ft (24.7m)
- ★ Non-potable (NP) versions are available.



8005 & 11000 Sod Cup Kits

UNIT

(I)8005: 8005 Rotor

(I)8005SS: 8005 Rotor with Stainless Steel Riser

FALCON 6504 ROTORS

Respects the football Federations standards for installation on playing surface.

- ★ Full circle or arc adjustment from 50° to 330°
- ★ Radius up to 65 ft (19.8m)



UNIT

(I)6504PC: Falcon 6504 Part Circle
(I)6504FC: Falcon 6504 Full Circle

(I)6504PCSS: Falcon 6504 Part Circle with Stainless Steel Riser
(I)6504FCSS: Falcon 6504 Full Circle with Stainless Steel Riser

VALVES

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



UNIT

(I)100PGA: 1" PGA Valve
(I)150PGA: 1 1/2" PGA Valve
(I)200PGA: 2" PGA Valve

(I)100PEB: 1" PEB Valve*
(I)150PEB: 1 1/2" PEB Valve*
(I)200PEB: 2" PEB Valve*

(I)300PESB: 3" PESB Valve

* Available with scrubber (PESB) and for non-potable applications (PESB-R)

IQ™ 4 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.

ESP-LX SERIES CONTROLLERS

- ★ Compatible with IQ Central Control for remote programming.
- ★ Cycle and soak.
- ★ Adjustable delay between valves.
- ★ ESP-LXIVM PRO and ESP-LXIVM :
 - The "smart solenoid" communicates with controller providing advanced diagnostics
 - Up to 16 valves can run simultaneously
- ★ ESP-LXME2 PRO and ESP-LXME2:
 - Up to 5 valves can run simultaneously.
- ★ ESP-LXD:
 - Up to 8 valves can run simultaneously
 - 2-wire based for an easy extension of new fields



UNIT

ESPLXIVM: Domestic Version 120VC
ESPLXIVMP: Domestic Version (PRO) 120V
IESPLXIVM: International Version 230V
IESPLXIVMP: International Version (PRO) 230V

ILXIVMEU: European Version 230V
ILXIVMEUP: European Version (PRO) 230V
ILXIVMAU: Australian Version 230V
ILXIVMAUP: Australian Version (PRO) 230V

ESPLXME2: US Controller (120V)
ESPLXME2P: US PRO Controller (120V)
IESPLXME2: International Controller (230V)
IESPLXME2P: International PRO Controller (230V)
IESPLXME2AU: Australia Controller (230V)
IESPLXME2PAU: Australia PRO Controller (230V)
IESPLXD: ESP-LXD

WR2RFC: Wireless Rain/Freeze Sensor

WATER JET SPRINKLERS

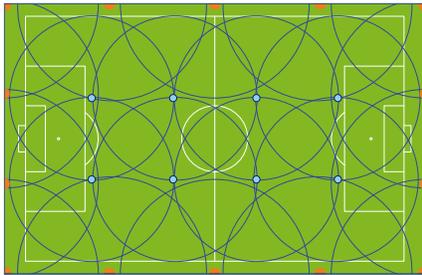
- ★ Adjustable arc (part and full circle)
- ★ Ideal for artificial grass application and equestrian.



UNIT

XLR24: 24° Water Jet

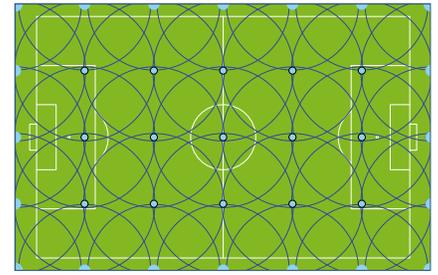
XLRADJ: 15-45° Water Jet



NATURAL GRASS

384 x 240 FT (117 x 73 M)

- ★ Mixed head version
- ★ 8005 (● 8 units) + 11000 Series (● 14 units)
- ★ Water supply: 101 gpm @ 94 psi (23 m³/h @ 6.5 bar)
- ★ Pressure: 80 psi (5.5 bar)
- ★ Flow: Full circle - 24 gpm (5.4 m³/h); Part circle - 47 gpm (11 m³/h)



NATURAL GRASS

384 x 240 FT (117 x 73 M)

- ★ 8005 (● 35 units)
- ★ Water supply: 88 gpm @ 102 psi (20 m³/h @ 7 bar)
- ★ Pressure: 73 psi (5 bar)
- ★ Flow: Full circle - 20 gpm (4.5 m³/h); Part circle - 13 gpm (3 m³/h)



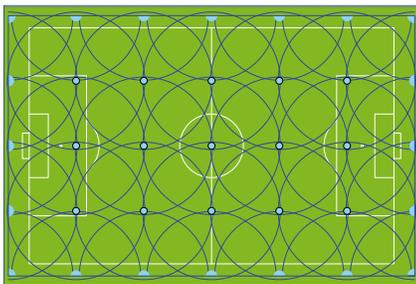
FIFA's Recommendation

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

FIFA Football Stadiums Technical Recommendations and Requirements

R / FOOTBALL

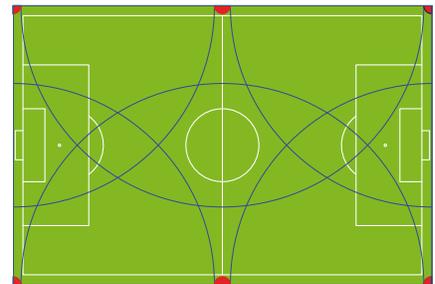
© Lotfi Dakhli



NATURAL GRASS

394 x 263 FT (120 x 80 M)

- ★ 8005 (● 35 units)
- ★ Water supply: 88 gpm @ 102 psi (20 m³/h @ 7 bar)
- ★ Pressure: 73 psi (5 bar)
- ★ Flow: Full cir 20 gpm (4.5 m³/h); Part circle - 13 gpm (3 m³/h)



ARTIFICIAL GRASS

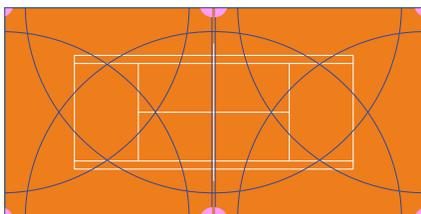
345 x 230 FT (105 x 70 M)

- ★ XLR24 Water Jet, 2" + 3" (5cm + 8cm) riser and concrete base (● 6 units)
- ★ Water supply: 264 gpm @ 94 psi (60 m³/h @ 6.5 bar)
- ★ Pressure: 73 psi (5 bar)
- ★ Flow: 255 gpm (58 m³/h)



TENNIS COURT

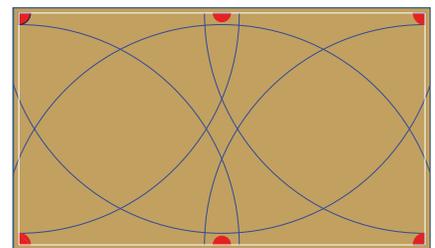
HORSE ARENAS & TRACKS



TENNIS COURT

118 x 59 FT (36 x 18 M)

- ★ Falcon 6504 part circle (● 6 units)
- ★ Water supply: 24 gpm @ 58 psi (5.5 m³/h @ 4 bar)
- ★ Pressure: 44 psi (3 bar)
- ★ Flow: 12 gpm (2.71 m³/h)



HORSE ARENA

230 x 131 FT (70 x 40 M)

- ★ XLR24 Water Jet, 2" + 3" riser and concrete base (● 6 units)
- ★ Water supply: 93 gpm @ 102 psi (21 m³/h @ 7 bar)
- ★ Pressure: 65 psi (4.5 bar)
- ★ Flow in: 91 gpm (20.7 m³/h)



HORSE TRACK

82 FT (25 M) WIDE

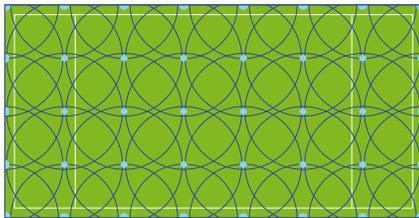
- ★ 11000 Series ●
- ★ Pressure: 80 psi (5.5 bar)
- ★ Flow: 47 gpm (10.7 m³/h)





RUGBY

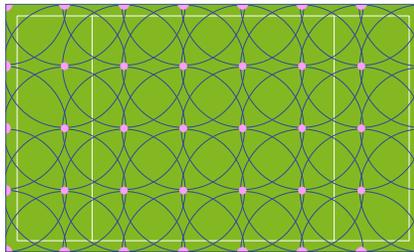
FIELD HOCKEY



RUGBY

495 x 253 FT (151 x 77 M)

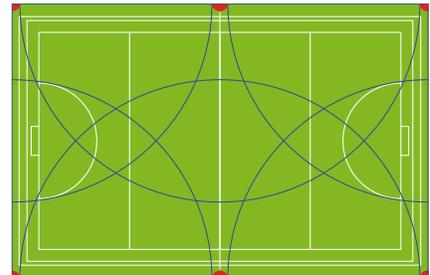
- ★ 8005 (● 40 units)
- ★ Water supply: 97 gpm @ 94 psi (22 m³/h @ 6.5 bar)
- ★ Pressure: 80 psi (5.5 bar)
- ★ Flow: Full circle - 21 gpm (4.7 m³/h); Part circle - 16 gpm (3.7 m³/h)



RUGBY

400 x 240 FT (122 x 73 M)

- ★ Falcon 6504 sprinklers (● 22 units part circle – ● 18 units full circle)
- ★ Water supply: 93 gpm @ 65 psi (21 m³/h @ 4.5 bar)
- ★ Pressure: 44 psi (3 bar)
- ★ Flow: Full circle - 14 gpm (3.3 m³/h); Part circle - 10 gpm (2.3 m³/h)



FIELD HOCKEY

345 x 230 FT (105 x 70 M)

- ★ XLR24 Water Jet, 2" + 3" riser and concrete base (● 6 units)
- ★ Water supply: 200 gpm @ 102 psi (45.5 m³/h @ 7 bar)
- ★ Pressure: 87 psi (6 bar)
- ★ Flow: 199 gpm (45 m³/h)

THE BEST PLAYING SURFACES IN THE WORLD CHOOSE RAIN BIRD



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SOCCKER / FOOTBALL

- ★ Stamford Bridge - Chelsea F.C.
- ★ Old Trafford - Manchester United
- ★ Training grounds Arsenal F. C.
- ★ Vitality Stadium – Bournemouth
- ★ St James Park - Newcastle United
- ★ Molineux – Wolverhampton Wanderers
- ★ Craven Cottage – Fulham FC
- ★ St. Georges Park, England Training Ground
- ★ Juventus Stadium - Juventus FC
- ★ Stade des Lumières - Olympique Lyonnais
- ★ Allianz Riviera - OGC Nice
- ★ La Beaujoire - FC Nantes Atlantique
- ★ Roazhon Park - Rennes FC
- ★ Stadium Lille Métropole - Lille OSC
- ★ Stade Océane - Le Havre AC
- ★ Stade MMAréna - Le Mans
- ★ Stade Raymond Kopa - SCO Angers
- ★ Stade Gaston Petit - LB Châteauroux
- ★ Signal Iduna Park - Borussia Dortmund
- ★ Veltins Arena - Schalke 04
- ★ Olympiastadion Berlin - Herta Berlin
- ★ Estadio de Riazor - R.C. Deportivo de La Coruña
- ★ La Rosaleda - Málaga CF
- ★ Estádio da Luz - SL Benfica
- ★ Estádio do Dragão - FC Porto
- ★ AC Sparta Praha – Czech Rep.
- ★ SK Slavia Praha – Czech Rep.
- ★ Baku Olympia Stadium - Azerbaïdjan
- ★ Kayseri Kadir Has Stadium - Turkey
- ★ Antalya Stadium - Turkey
- ★ Besiktas Vodafone Arena - Turkey
- ★ Stadion Energa Gdańsk - Poland
- ★ Toulouse - France

QATAR 2022

6 stadiums relied on Rain Bird irrigation systems

- ★ Lusail Stadium - Lusail
- ★ Al Bayt Stadium - Al Khor
- ★ Ahmad Bin Ali Stadium - Al-Rayyan
- ★ Education City Stadium - Al-Rayyan
- ★ Stadium 974 - Doha
- ★ Khalifa International Stadium - Al Rayyan

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

HORSE TRACKS

- ★ Chantilly, Compiègne, Longchamp*, St-Cloud*, Auteuil*
- ★ La Zarzuela - Madrid
- ★ Chuchle Arena Praha – Czech Rep.

OTHER

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

*(Central Control)

And many more references (contact us)

CHECK OUT OUR SPORTS SOLUTIONS TODAY!

- Baseball • Tennis
- Football • Lacrosse
- Soccer • Cricket

Scan to learn more



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