

SF-1603
02/2013

FOOTBALL FIELD
8005 SPRINKLER (30)

112 x 65 m
[100 + (2 x 6)] x 65 m

Low flow version

Water supply : 11 m³/h @ 7 bar

LIST OF MATERIAL

	<u>Description</u>	<u>Quantity *</u>
8005-SS	Sprinkler 8005-SS stainless steel riser sleeve	30 u
Falcon PC-SS	-	u
Falcon FC-SS	-	u
950E	-	u
B99500	-	u
B81600-18	Nozzle for 8005 size 14, light green	26 u
B81600-12	Nozzle for 8005 size 10, grey	4 u
SJ-12-100-22	1" (26x34) Swing joint - length : 30 cm BSP/BSP	30 u
SJ-12-150-23	-	u
150-PGA	1"1/2 (40x49) electric valve globe/angle w/ manual isol. valve	10 u
200-PGA	-	u
300-BPE	-	u
VB-JMB-H	Rectangular valve box: L. 70.1, W. 53.3, H. 30.7 cm	10 u
VB-JMB-6EXT	Extension for Jumbo valve box, 17.1 cm	10 u
DBRY	30V Waterproof wire connectors	20 u
IESP4MEEU	ESP-ME 4-station controller	1 u
ESP-SM3	3-station extension module	2 u
ESP-LXMe	-	u
ESP-LX-M-SM8	-	u
RSD-BEx	Rain sensor	1 u
Ø40	Ø40 HDPE pipes (10 bar) including fittings	250 m
Ø50	Ø50 HDPE pipes (10 bar) including fittings	130 m
Ø63	Ø63 HDPE pipes (10 bar) including fittings	180 m
Ø75	Ø75 HDPE pipes (10 bar) including fittings	220 m
Ø90	-	m
Ø110	-	m
DI 115	1x1.5 mm ² electric cable, double insulation	1300 m
RB10-10	VFD/Soft Start Pump station (11 m ³ /h at 7 bar)	1 u

Valve number:	A1,A2,A5,A8-A10	A3,A4,A6,A7
Precipitation rate in mm/h	20,3	10,2
Irrigation run time per valve for an amount of 5 mm	15	30

* ---- For a water supply and a controller located at 50 m from the field ----

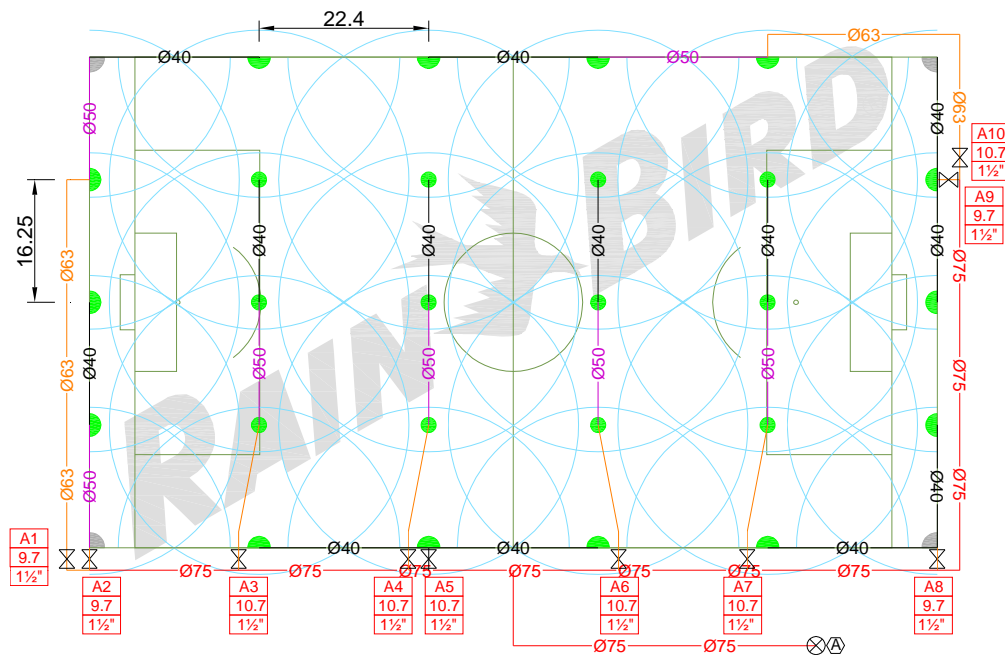
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FOOTBALL FIELD

112 x 65 m

8005 SPRINKLER (30)

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Legend and technical data

- Controller and point of connexion with isolation valve
- Electricvalve

Sprinkler:	8005-SS	8005-SS
Nozzle:	#14	#10
Pressure in bar:	5,5	5,5
Radius in m:	19,2	16,8
Flow in m ³ /h:	3,72	2,70

Controller/Station/Flow/Size of the valve	<table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td>A3</td></tr> <tr><td>20.5</td></tr> <tr><td>2"</td></tr> </table>	A3	20.5	2"
A3				
20.5				
2"				

Note :

HIGH DENSITY POLYETHYLENE PIPES: PE63 PN10 - ADDITIONAL LATERALS OUTSIDE PLAY FIELD AREA MAY BE INSTALLED PROVIDED HYDRAULIC CAPABILITY OF SUPPLY IS NOT EXCEEDED - SPRINKLER LOCATIONS ARE TO SCALE. PIPE LOCATIONS ARE DIAGRAMMATIC.

Rain Bird presents this plan as a typical sports field layout. Rain Bird offers no indemnity, expressed or implied, for projects installed from this plan. Since each site and system contains many variables, Rain Bird expressly recommends the use of a qualified irrigation designer.