

SF-5202
02/2013

RIDING AREA
SPRINKLERS 85EWH (6)

60 x 30 m

Water supply : 15 m³/h @ 7 bar

LIST OF MATERIAL

| | <u>Description</u> | <u>Quantity *</u> |
|--------------|---|-------------------|
| 85EWH-Less | 1¼" 85EWH less nozzle, with plug + 2" riser | 6 u |
| Falcon PC-SS | - | u |
| Falcon FC-SS | - | u |
| 950E | - | u |
| B99500 | - | u |
| 103043-32 | Nozzle for 85EWH size 32 | 6 u |
| B81600-14 | - | u |
| SJ-12-100-22 | - | u |
| SJ-12-150-23 | - | u |
| 150-PGA | - | u |
| 200-PGA | 2" (50x60) electric valve globe/angle w/ manual isol. valve | 6 u |
| 300-BPE | - | u |
| VB-JMB-H | Rectangular valve box: L. 70.1, W. 53.3, H. 30.7 cm | 6 u |
| VB-JMB-6EXT | Extension for Jumbo valve box, 17.1 cm | 6 u |
| DBRY | 30V Waterproof wire connectors | 20 u |
| IESP4MEEU | ESP-ME 4-station controller | 1 u |
| ESP-SM3 | 3-station extension module | 1 u |
| ESP-LXMe | - | u |
| ESP-LX-M-SM8 | - | u |
| RSD-BEx | - | u |
| Ø40 | - | m |
| Ø50 | - | m |
| Ø63 | Ø63 HDPE pipes (10 bar) including fittings | 190 m |
| Ø75 | Ø75 HDPE pipes (10 bar) including fittings | 50 m |
| Ø90 | - | m |
| Ø110 | - | m |
| DI 115 | 1x1.5 mm ² electric cable, double insulation | 780 m |
| RB15-7 | VFD/Soft Start Pump station (15 m ³ /h at 7 bar) | 1 u |

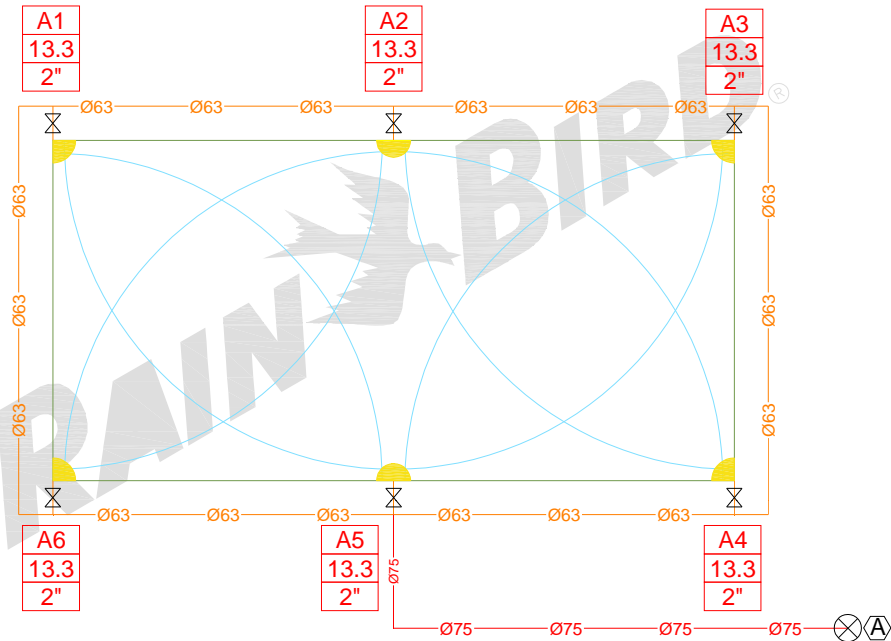
| | 90° | 180° |
|---|-------------|-------|
| Valve number: | A1, 3, 4, 6 | A2, 5 |
| Precipitation rate in mm/h | 59,1 | 29,5 |
| Irrigation run time per valve for an amount of 5 mm | 5 | 10 |

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

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RIDING AREA
 SPRINKLERS 85EWHD (6)

60 x 30 m



Legend and technical data

- Controller and point of connexion with isolation valve
- Electric valve

| | | | | | |
|---|--------|---|----|------|----|
| Sprinkler: | 85EWHD | | | | |
| Nozzle: | #32 | | | | |
| Pressure in bar: | 5,0 | | | | |
| Radius in m: | 29,0 | | | | |
| Flow in m ³ /h: | 13,29 | | | | |
| 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.