# **ST-90**

The ST-90 synthetic turf rotor is designed for installation in natural turf adjacent to the playing surface — the perfect solution for small and midsize fields.

## ةيساسألا تازيملا

- Flexible arc adjustment from 40° to 360° offers narrow-to-wide coverage
- QuickCheck™ Arc Mechanism lets you verify the arc setting without waiting for the sprinkler to finish its rotation
- Through-the-top arc adjustment allows you to easily set the arc at the sprinkler head
- Water-lubricated gear drive delivers reliable operation without clogging
- Factory-installed rubber logo cap increases athlete safety on the field
- Nozzle trajectory: 22.5°



### **OPERATING SPECIFICATIONS**

Radius: 103' to 120'Flow: 74.5 to 92.0 GPM

Operating pressure range: 100 to 120 PSI
Precipitation rate: 1.25 in/hr approximately
Warranty period: 5 years for component parts

#### **USER-INSTALLED OPTIONS**

• Rubber Cover Kit ST-90: P/N 234200

| STG-900 NOZZLE PERFORMANCE DATA |          |                            |             |              |          |
|---------------------------------|----------|----------------------------|-------------|--------------|----------|
| Nozzle                          | Pressure | Pressure Radius<br>PSI ft. | Flow<br>GPM | Precip in/hr |          |
|                                 | PSI      |                            |             |              | <b>A</b> |
| 73 •<br>Orange                  | 100      | 103                        | 74.5        | 1.35         | 1.56     |
|                                 | 110      | 109                        | 77          | 1.25         | 1.44     |
|                                 | 120      | 115                        | 79.6        | 1.16         | 1.34     |
| 83 °<br>Tan                     | 100      | 112                        | 84.2        | 1.29         | 1.49     |
|                                 | 110      | 116                        | 88.1        | 1.26         | 1.46     |
|                                 | 120      | 120                        | 92          | 1.23         | 1.42     |

#### Notes:

All precipitation rates calculated for 180 degree operation. For precipitation rate of 360 degree sprinkler divide by 2. Requires minimum 100 PSI dynamic pressure supplied to swing joint inlet.

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