

# 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.



- 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<br>PSI | Radius<br>ft. | Flow<br>GPM | Precip in/hr |      |
|                                                                                                                                                                                                                       |                 |               |             | ■            | ▲    |
| 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 |
| <b>Notes:</b><br>All precipitation rates calculated for 180 degree operation. For precipitation rate of 360 degree sprinkler divide by 2.<br>Requires minimum 100 PSI dynamic pressure supplied to swing joint inlet. |                 |               |             |              |      |

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