

STG-900-KIT

The STG-900-KIT has been replaced by the ST-1600-KIT.



- 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°



The **STG-900-KIT** was discontinued in 2024. The recommended replacement for the kit is the [ST-1600-KIT](#), which offers a larger size for easier installation and servicing. It also provides comprehensive coverage of flow ranges as low as 23.3 to 236 GPM (88.2 to 893 l/min).

The obsoleted components included in the STG-900-KIT are listed below, and each is warranted for five years from the manufacturing date code.

STG-900-KIT components being obsoleted:

ST-173026-B Composite Vault

ST-2008-VA PVC Swing Joint

ST-VBVF-K Valves and Fittings

239800 Acme Elbow Fitting

Visit the [ST-1600-KIT page](#) for a list of components to order for replacement.

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

| STG-900 NOZZLE PERFORMANCE DATA | | | | | |
|---------------------------------|-----------------|---------------|-------------|--------------|------|
| Nozzle | Pressure PSI | Radius ft. | Flow GPM | Precip in/hr | |
| | | | | ■ | ▲ |
| 73 • 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 • 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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