

STG-900-KIT

The STG-900-KIT has been replaced by the ST-1600-KIT.

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- 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 warrantied 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-VBF-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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