

TG 101

NEW

- Radius: 91' — 178'
- Pressure: 40 — 95 psi

The Toro® TG101 large radius gun-style sprinkler is ideal for applications that require long distance throw, such as irrigation solely from the perimeter of sports fields, or for cleaning and cooling artificial turf. It's unique, automatic breaking system adjusts automatically to varying pressures or nozzle configurations, to ensure a steady rotation speed for uniform coverage.



Features & Benefits

Innovative Drive System

Adjusts automatically, ensuring steady rotation and uniform coverage at varying pressures.

Excellent Uniformity

Using a single nozzle design (spreader nozzles not required).

Dispersed Jet Upon Start-up

Reduces run-off and over-watering.

Self-adjusting Jet Breaker Device

To vary distribution at lower pressures or to increase close-in watering.

No Maintenance

The TG101 is maintenance free.

Sprays

Rotors

Valves

Controllers

Central Control

Micro

Resources

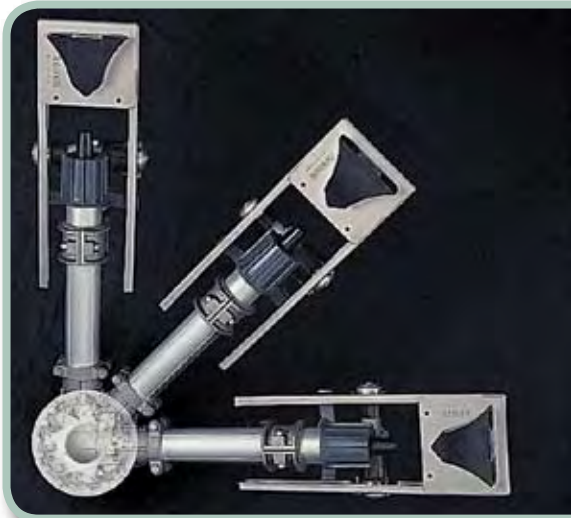


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Energy Savings

The great versatility of the gun is further increased with the dynamic intermittent jet-breaker. Depending on the application, it allows operation at lower pressures, still achieving good irrigation results. For this purpose, one or two individually adjustable dynamic jet-breakers can be mounted on the gun's drive arm. The dynamic jet-breaker allows energy saving and reduction of system operating costs by running an irrigation system at lower pressures.



Distribution

The unique drive system allows a better stream diffusion. An additional advantage of this drive system is that at the start-up procedure of the gun, the normally compact stream is dispersed into a spray before the gun is set in motion. This greatly reduces furrows and run-off.

Adjustable Brake Force

The self-adjusting system adapts its brake force to the existing system pressure. The gun therefore achieves a steady rotation speed over its whole nozzle-pressure range. This is essential for uniform water application. The automatic adjusting brake system contributes significantly to the gun's excellent performance over the entire operating range.



No maintenance

The TG101 gun is maintenance free. The modern design avoids the use of ball bearings, which can seize at contact with moisture, cause failure and result in expensive repairs. Instead parts made of high-quality, durable and maintenance-free materials are used.

Specifications

Model Description

- TG101-NPT Large Radius Gun-Style Sprinkler

Operating Specifications

- Radius: 91-178 feet
- Flow Rate: 42-248 GPM
- Recommended Operating Pressure Range: 40-95 PSI
- Trajectory: 24°
- Two standard nozzle options: 0.70" and 1.02" (additional range of nozzles available for specialty applications)

Additional Features

- Powerful and efficient stream diffusion
- Standard 2" NPT thread connection
- High quality, durable construction
- Full or part-circle operation in one unit
- Adjustable rotation speed

Warranty

- Two-years

Call 877-345-TORO for additional information