

640 Series

COMMERCIAL SPRINKLERS

Considered the top-of-the line, proven veteran rotor for sports fields and commercial applications. Perfect for large turf areas, 640 Series sprinklers can be installed 1/2" below grade, lessening liability or the potential for player injury.



DURABILITY

Stainless steel, engineering plastic and brass construction provide dependable performance in the most demanding environments. Standard rubber cover minimizes impact damage.

RELIABILITY

Once the 640 Series sprinkler goes in the ground, it stays there. It's track record illustrates 35 years of reliability with a steel-cased drive assembly and gear drive design. Best of all, it's backed by a five year warranty.

VERSATILITY

The only commercial grade Toro rotor available in a normally open Valve-In-Head body. Selection of two bodies, five nozzles and 12 arcs.



SPECIFICATIONS

640 Series Sprinklers

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Radius: 47' - 67' (14,3 - 20,4 m) Flow Rate: 6.0 - 25.0 GPM (23 - 95 LPM) Recommended Operating Pressure:

40 - 90 psi (2,8 - 6,2 Bar)

Maximum Operating Pressure: 100 psi (7 Bar)

Trajectory: 27°

Pop-up to nozzle: 2 3/8" (60mm) 1" (25 mm) female-threaded inlet Check-O-Matic maintains up to 15'

(4,6m) elevation change

FEATURES

DIMENSIONS

 $1^{3}/_{4}''$ (44mm)

 $2^{1/2}$ " (65mm)

 $3^{1}/_{4}"$ (83mm)

Body Diameter:

Cap Diameter:

Body Height:

Exposed surface diameter when buried 1/2" below grade:

Operational

 Selection of five nozzles and 12 arcs for versatility

Check-O-Matic: 9" (230mm)

Check-O-Matic maintains up to 15'

(4,6m) elevation change

Valve-In-Head: 10 1/2" (267mm)

- A normally open Valve-In-Head selection allows individual head control
- Adjustment screw allows up to 25% radius reduction
- Standard rubber cover minimizes impact damage
- Check valve prevents low-head drainage and keeps laterals charged with water (standard on all models)
- Vandal-resistant cap with locking set screw

Installation

- Small exposed surface diameter
- Stainless steel-encased nozzle and drive assemble
- Gear-drive design for longer life
- Basket filter screen to prevent clogging
- Stainless steel retraction spring
- Durable engineering plastic, brass and stainless steel construction
- Recycled water models available
- Five-year warranty

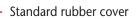


Up to 1/2" below-grade installation for safety

Specifying Information

	64 X 0X	4X	XXX	E	
Arc	Valve Type	Nozzle	Specia	l Arc	Optional
0-Special Arc	1-Normally Open	0	045°	148°	E-Effluent Model
1-90°	Valve-In-Head	1	060°	173°	
2-180°	2–Check-O-Matic	2	108°	192°	
3-270°		3	127°	238°	
4-360°					

Example: A 640 Series Sprinkler with a 90° arc, 40° nozzle and a check valve would be specified as: **641-02-40**



Stainless steel-encased nozzle

Locking set screw to reduce vandalism

Metal bull gear and output gear provides maximum strength and durability

Heavy-duty, stainless steel encased gear-drive design for longer life

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