



1/2" - 50 Series - Full Circle - Brass Impact Sprinklers

[Home](#)

[Search](#)

Catalog	Performance Charts	Repair Parts	Printer friendly
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Catalog

- Brass Valves
- Quick Coupler Valves
- Impact Sprinklers
- RainCoach™
- Sprinkler Accessories
- Rotary Sprinklers
- Nozzles and Adapters
- Accessories
- Warranty

Help

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Designed for orchards, nurseries and greenhouse irrigation, the model 50D and 50SD impact sprinklers can also be used for dust control.

50 Series
1/2" Full Circle Impact Sprinkler

Features and Benefits:

- Solid brass construction.
- Stainless steel drive spring.
- "Sure Seal®" sand load bearing assembly (50S models only).
- Bearing assembly hood for longer wear life.
- Chemical resistant bearing seals.
- Stream straightener vane.
- Adjustable diffuser pin(50A and 50SA models only).
- Adjustable deflector plate(50D and 50SD models only).
- 1/2" male inlet, National Pipe thread (NPT).
- Optional, British Standard Thread (BS).
- Solid brass nozzle.
- 50 Series nozzle thread, 3/8 - 24 UNF.

Operating Ranges:

	U.S.	Metric
Pressure:	25 - 60 psi	1.72 - 4.14 bar
Flow:	2.79 - 7.68 gpm	10.56 - 29.3 l/min
Spacing:	32 - 43 feet	9.75 - 13.11 m
Trajectory:	25°	

Specifications:

- 1/2" Male inlet, National Pipe Thread (NPT).
- Solid brass nozzle.
- 50 nozzle thread, 3/8 - 24 UNF.

To Specify:

50SA	10	
Model	Nozzle Code	Options

NOZZLE CODE

Code	Inches	mm
09	9/64"	3.60
10	5/32"	4.00
11	11/64"	4.30
12	3/16"	4.80

MODEL DESCRIPTIONS

Model No	Description
50A	w/adjustable diffuser pin
50D	w/adjustable deflector plate & diffuser pin
50SA	w/Sure Seal® bearing & diffuser pin
50SD	w/Sure Seal® bearing, deflector plate & diffuser pin
OPTION	For BSPT inlet, add (BS) to model number