



# 1/2" - 90 Series - Part/Full Circle - Brass Impact Sprinklers

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***Manganese Die Cast Drive Arm***



90AT



90SDLC



90A



90D

*The model 90 series impact sprinkler is designed for general landscape irrigation. It is also well suited for nursery and greenhouse use as well as industrial applications.*

**90 Series**

**Features and Benefits:**

- Solid brass construction.
- Manganese bronze die-cast drive arm.
- Patented spray distribution grooves.
- Anti-backsplash arm.
- Stainless steel drive spring and trip assembly.
- Stream straightener vane.
- "Sure Seal®" sand load bearing assembly ("S" models only).
- 20° to 340° arc or full circle.
- Chemical resistant bearing seals.
- Adjustable deflector plate.
- Threaded fulcrum pin for pop-up replacements ("TP" & AT models only).
- Locking collar option (model "DLC" only).
- 1/2" male inlet, National Pipe thread (NPT).
- Optional, British Standard Thread (BS).
- Solid brass nozzle.

**Operating Ranges:**

	U.S.	Metric
Pressure:	25 - 55 psi	1.72 - 3.79 bar
Flow:	2.79 - 7.34 gpm	10.56 - 27.81 l/min

MODEL DESCRIPTIONS	
Model No.	Description
90A	Adjustable diffuser pin
90D	Deflector plate and diffuser pin
90AT	Diffuser pin and threaded fulcrum pin
90SD	Sure Seal® bearing, deflector and diffuser
90SA	Sure Seal® bearing and diffuser pin
90STP	Sure Seal®, deflector, diffuser & threaded fulcrum pin
90SDLC	Sure Seal®, deflector, diffuser & locking collars
OPTIONS:	For BSPT inlet, add (BS) to model number

*To Specify:*

90D	10	
Model	Nozzle Code	Options

<i>Spacing:</i>	33 - 48 feet	11.28 - 14.63 m
<i>Trajectory:</i>	25°	