



1-1/4" Part/Full Circle - Brass Impact Sprinklers

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AI123

1-1/4" Full or Part Circle Over Under Nozzles

If you need an impact that will reach farther, Buckner by Storm's 1 1/4" impacts are exactly what you need. With a radius up to 111 feet, your large commercial, agricultural, or municipal requirements are easily met. As always, a wide variety of nozzles give extra control over the impact's use, whether they're being permanently installed

Features and Benefits:

- 1-1/4" Male NPT.
- Inner break-up/spreader nozzle provides uniform water distribution.
- Stream straighteners ensure maximum radius, superior high wind performance.
- Brass and stainless steel construction provide strength, durability and corrosion resistance.
- Stainless stops ease arc adjustment (part circle).
- 23° Trajectory
- Five-year warranty.

Operating Ranges:

1-1/4" Male NPT Inlet

Throw:	75' -111' radius 150' - 222' diameter
Flow:	24.9 - 121 gpm
Pressure:	55 - 95 psi
Trajectory:	23°

Specifications:

- 1-1/4" male inlet, National Pipe Thread (NPT).
- Optional, British Standard Thread (BSP).
- Solid brass nozzle.
- Nozzle thread top drive 1" UNEF.
- Lower nozzle 1/8" NPT.

To Specify:

AI	12	3	24	PL
Model	Size	Part Circle	Range Nozzle Code	Plug or Spreader Nozzle Code

NOZZLE CODE		
Code	Inches	mm
PG	Plug	
14	7/32"	5.60
15	15/64"	6.00
16	1/4"	6.40
17	17/64"	6.70
18	9/32"	7.10
20	5/16"	7.90
22	11/32"	8.70
24	3/8"	9.50
26	13/32"	10.30
28	7/16"	11.10
32	1/2"	12.70
34	17/32"	13.50
36	9/16"	14.30
40	5/8"	15.90
PG	Plug	

*or added to a quick
coupler for special
applications.*

MODEL DESCRIPTIONS				
Model No	1-1/4" Male NPT, Brass, Full/Part Circle	Dimension		
		Height	Width	Weight
AI123	Full/part circle, over under nozzle	10.25"	11.25"	4 lbs. 12 oz.
AI123PL	Full/part circle, over under nozzles, with plug instead of inner nozzle			