

RAIN BIRD SWING JOINT SERIES

Innovative elbow design reduces pressure losses by 50%

APPLICATIONS

Featuring superior flow characteristics and excellent structural integrity, these swing joints are designed to deliver the performance you expect from Rain Bird. They are the perfect complement to our Eagle™ and Impact Series rotors

FEATURES

- Superior flow characteristics through an innovative swept elbow design that reduces pressure loss by 50% over other swing joints
- Excellent structural integrity from the swept elbow design reduces the costs associated with fatigue-related failures
- Double o-ring protection provides a better seal ensuring joints are kept clean and can be repositioned more easily
- Color-coding and distinct size markings reduce costs by eliminating errors and improving installation efficiency with quick size

- identification at the job site
- Threaded inlets are oversized making hand tightening and blind installations (under water) easier. This also reduces the risk of potential damage caused by over-tightening with a wrench

SPECIFICATIONS

Pressure rating : 21,7 bars at 22,8°C
 Diameters : 1" (26/34) and 1,5" (40/49)
 Length : 12" (30,5cm) and 18" (45,7cm)
 Inlet thread type : BSP
 Outlet thread type : BSP

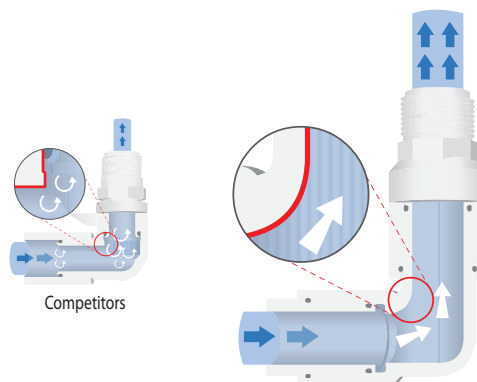
MODELS

SJ-12-100-22 : 30,5cm length, 1" (26/34) diameter Swing Joints
 SJ-12-150-22 : 30,5cm length, 1,5" (40/49) diameter Swing Joints
 SJ-18-100-22 : 45,7cm length, 1" (26/34) diameter Swing Joints
 SJ-18-150-22 : 45,7cm length, 1,5" (40/49) diameter Swing Joints



Friction Loss

Flow, l/s	1" models		1,5" models	
	SJ-12-100-22 bar	SJ-18-100-22 bar	SJ-12-150-22 bar	SJ-18-150-22 bar
1,1	0,1	0,1		
1,5	0,2	0,2		
2,5			0,03	0,03
4,5			0,1	0,1



The rain Bird TSJ Swing Joint's innovative swept elbow design **Significantly reduces pressure loss**

41017

Pitot Tube

APPLICATIONS

- Used in conjunction with a pressure gauge to read pressure at the nozzle of a sprinkler in operation

MODEL

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