



**1 1/4" Full/Part Circle**



**1 1/4" Full Circle**

## Applications

- All crops irrigated by overhead irrigation, ideal for large landscape and turf irrigation, mining and dustin control.
- For Efficient irrigation of fields edges and at end of center pivots.

## Features & Benefits

- Available in 1 1/4" BSP/NPT male threaded.
- Durable bronze body, arm and trip assembly.
- Heavy duty brass nut, tube and nozzles.
- Stainless steel pivot pin, springs and part circle pin.
- Bearing assembly protected by cap for longevity.
- PU thrust pad for impact wear resistance.
- Recommended pressure 50-85 psi.
- Recommended spacing up to 98 ft. for higher distribution uniformity.
- Trajectory Angle: 23°

**Note: For center pivot end application 18° trajectory model also available.**

## Materials

Body & Arm	Bronze
Bearing Sleeve & Nipple	Brass
Springs & Pivot Pin	Stainless Steel
Washers	Neoprene Rubber /PTFE/ High performance PE
Trip Mechanism (75-27PC)	Stainless Steel

**1 1/4" Full/Part Circle AQ-40BPC**

Nozzle Pressure	3/8" x 7/32"		13/32" x 7/32"		1/2" x 1/4"		5/8" x 1/4"	
psi	gpm	ft.	gpm	ft.	gpm	ft.	gpm	ft.
50.00	35.30	143.00	44.32	151.00	62.00	160.83	89.50	171.67
60.00	37.50	149.80	46.70	159.30	66.70	170.00	92.45	183.67
70.00	40.00	156.17	50.00	167.50	71.74	180.00	103.33	192.30
80.00	43.30	163.50	53.33	177.55	75.00	188.67	109.35	206.33
90.00	46.70	174.60	57.97	184.30	82.05	196.00	117.30	214.60