

## 1300A-F

Adjustable Full-Circle Bubbler

### Features

- Stainless Steel adjustment screw regulates flow and radius for spacing between from 1 to 3 feet (0.3 m to 0.9 m) apart
- Non-corrosive plastic and stainless steel construction for long life
- Shipped with SR-050 1/2" (15/21) inlet filter screen for easy installation and resistance to debris
- Operates over a wide range of pressures
- Five year trade warranty

### Operating Range

- Flow: 1.0 to 2.3 gpm (3.6 to 8.4 l/m)
- Spacing: 1 to 3 feet (0.3 to 0.9 m)<sup>1</sup>
- Pressure: 10 to 60 psi (0.7 to 4.1 bar)<sup>2</sup>

### Model

- 1300A-F

<sup>1</sup> These ranges are based on proper pressure at nozzle

<sup>2</sup> Rain Bird recommends using 1800 PRS Spray Bodies to maintain optimum nozzle performance in higher pressure situations

| 1300A-F |              |          |
|---------|--------------|----------|
| Nozzle  | Pressure psi | Flow gpm |
| F       | 10           | 1.0      |
|         | 20           | 1.4      |
|         | 30           | 1.7      |
|         | 40           | 1.9      |
|         | 50           | 2.1      |
|         | 60           | 2.3      |

| 1300A-F |              |                        | METRIC   |
|---------|--------------|------------------------|----------|
| Nozzle  | Pressure bar | Flow m <sup>3</sup> /h | Flow l/m |
| F       | 0.7          | 0.23                   | 3.6      |
|         | 1.0          | 0.26                   | 4.2      |
|         | 1.5          | 0.30                   | 4.8      |
|         | 2.0          | 0.34                   | 5.4      |
|         | 2.5          | 0.39                   | 6.0      |
|         | 3.0          | 0.43                   | 7.2      |
|         | 3.5          | 0.48                   | 7.8      |
|         | 4.0          | 0.52                   | 8.4      |
|         | 4.1          | 0.53                   | 8.4      |



1300A-F

## 1400 Series

Pressure Compensating Full-Circle Bubblers

### Features

- Low flow rates allow water to be absorbed as needed. Reduces runoff
- Flow will not fluctuate at pressures between 20 and 90 psi (1.4 to 6.2 bar)
- Flow is not adjustable for increased vandal resistance
- Shipped with special SR-050 1/2" (15/21) bubbler filter screen for easy installation and resistance to debris
- Trickle pattern on models 1401 and 1402; umbrella pattern on models 1404 and 1408
- Five-year trade warranty

### Operating Range

- Flow: 0.25 to 2.00 gpm (1.2 to 7.2 l/m)
- Spacing: 1 to 3 feet (0.3 to 0.9 m)\*
- Pressure: 20 to 90 psi (1.4 to 6.2 bar)

### Models

- 1401: 0.25 gpm (0.06 m<sup>3</sup>/h; 0.9 l/m); full-circle, trickle pattern
- 1402: 0.50 gpm (0.11 m<sup>3</sup>/h; 1.8 l/m); full-circle, trickle pattern
- 1404: 1.00 gpm (0.23 m<sup>3</sup>/h; 3.6 l/m); full-circle, umbrella pattern
- 1408: 2.00 gpm (0.46 m<sup>3</sup>/h; 7.2 l/m); full-circle, umbrella pattern

\* These ranges are based on proper pressure at nozzle. Rain Bird recommends using 1800 PRS Spray Bodies to maintain optimum nozzle performance in higher pressure situations.



1400 Series