



## 65PJ

### 1" 25 mm Full or Part Circle, Brass Impact Sprinkler

Bearing: 1" Female NPT, Brass  
Trajectory Angle: 27°  
Operating Range: 50-80 psi 3.5-5.5 bars  
Flow Rate: 12.9-16.5 GPM 2.93-3.75 m<sup>3</sup>/h  
Radius: 57-65 ft. 17.4-19.8 meters  
One 3/8" Female NPT Nozzle Port

#### Features

- Heavy duty brass construction
- 1" Female NPT Bearing
- "Precision jet" (PJ) arm
- Stainless steel springs and fulcrum pin
- Chemically resistant washers
- ADJN-4 Nozzles include integral to Nozzle break-up pin
- Full or Part Circle operation
- Two-year warranty

#### Benefits

- PJ arm reduces side splash
- Many options provide design and application flexibility
- Corrosion and grit resistant
- Built to last

## U.S. STANDARD DATA | METRIC DATA

### PERFORMANCE DATA

65PJ

#### ADJUSTABLE STRAIGHT BORE NOZZLE (ADJN-4) (Stream Height: 10 ft.)

| PSI @ Nozzle | NOZZLE SIZE US STANDARD |       |
|--------------|-------------------------|-------|
|              | 1/4"                    |       |
|              | Rad.                    | GPM   |
| 50           | 57                      | 12.90 |
| 55           | 57                      | 13.60 |
| 60           | 58                      | 14.20 |
| 65           | 62                      | 14.80 |
| 70           | 63                      | 15.40 |
| 75           | 64                      | 16.00 |
| 80           | 65                      | 16.50 |

Available without Nozzle or assembled with a 1/4" (16) Straight Bore Nozzle.

#### ADJUSTABLE STRAIGHT BORE NOZZLE (ADJN-4) (Stream Height: 3m)

| BARS @ Nozzle | NOZZLE SIZE METRIC |            |                          |
|---------------|--------------------|------------|--------------------------|
|               | 6.35 mm (1/4")     |            |                          |
|               | Rad. (m)           | Flow (lps) | Flow (m <sup>3</sup> /h) |
| 3.5           | 17.4               | 0.82       | 2.93                     |
| 4.0           | 17.9               | 0.88       | 3.16                     |
| 4.5           | 18.5               | 0.93       | 3.37                     |
| 5.0           | 19.2               | 0.99       | 3.55                     |
| 5.5           | 19.8               | 1.04       | 3.75                     |

### Part Numbers and Ordering Information

| Sprinkler Only                                 |                    | Nozzle Only                           |               | XX = Nozzle Size |
|--|--------------------|---------------------------------------|---------------|------------------|
|  |                    | U.S. Standard                         |               | 1/4"             |
|  |                    | Metric                                |               | 6.35 mm          |
| Sprinkler without Nozzle                       | <b>AG2001</b>      | Brass Straight Bore Adjustable Nozzle | <b>ADJN-4</b> | <b>100385-XX</b> |
| Assembled Sprinkler/Nozzle Factory Combination |                    |                                       |               | <b>16</b>        |
| Sprinkler with Nozzle                          | <b>ADJN-4 1/4"</b> |                                       |               |                  |
|  | <b>A4200316</b>    |                                       |               |                  |

Bold nozzle size numbers denote the most common nozzle choices.