

# 65PJADJ-TNT

## Full- or Part-Circle Impact Sprinkler

### Primary Applications:

1" (26/34) riser-mounted impact head used for slope or large, non-turf-area applications.

### Features and Benefits:

- Proven impact drive.
- Long-wearing TNT bearing.
- Straight-through flow for superior performance in dirty water.
- Full-circle or adjustable arc 20° to 340°.
- Precision Jet tube (PJ™) minimizes side splash.
- Stainless steel distance control diffuser pin allows up to 25% radius reduction.
- Rugged brass, bronze and stainless steel construction.
- FP trip for full- or part-circle operation.

### Models:

- 65PJADJ-TNT
- 65PJADJ-TNT-BSP: BSP model

### Specifications:

- Precipitation Rate: 0.76 to 0.94 inches per hour (19 to 23 mm/h)
- Radius: 57 to 65 feet (17,4 to 19,8 m)
- Pressure: 50 to 80 psi (3,5 to 5,5 Bars)
- Flow: 12.9 to 16.5 GPM (2,93 to 3,75 m<sup>3</sup>/h; 0,81 to 1,04 l/s)
- 1" (26/34) female NPT or BSP threaded inlet
- For standard nozzle at normal operating pressure, the highest point of stream is 10 feet (3,1 m) above nozzle
- Nozzle outlet trajectory: 27°



# Performance Charts

## 65PJADJ-TNT

English					
Pressure (psi)	Nozzle	Radius (ft.)	Flow (GPM)	Precipitation (In/h) ■	Precipitation (In/h) ▲
50	16	57	12.9	0.76	0.88
60	16	58	14.2	0.81	0.94
70	16	63	15.4	0.75	0.86
80	16	65	16.5	0.75	0.87

Metric						
Pressure (Bars)	Nozzle	Radius (m)	Flow (m³/h)	Flow (l/s)	Precipitation (mm/h) ■	Precipitation (mm/h) ▲
3,5	16	17,4	2,93	0,81	19	22
4,0	16	17,9	3,16	0,88	20	23
4,5	16	18,5	3,35	0,93	19	23
5,0	16	19,2	3,55	0,99	19	22
5,5	16	19,8	3,75	1,04	19	22

Precipitation Rates based on half-circle operation.  
■ Square spacing based on 50% diameter of throw.  
▲ Triangular spacing based on 50% diameter of throw.  
\* Standard Nozzle Size  
Optimum water distribution achieved at 60 to 80 psi (4,1 to 5,5 Bars).  
Performance data collected in zero wind conditions.