

35A-TNT Series

Full- or Part-Circle Impact Sprinkler

Primary Applications:

3/4" (20/27) 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.
- FP trip allows full- or part-circle operation. Adjustable from 20° to 340°.
- Precision Jet tube (PJ™) minimizes side splash.
- Stainless steel distance control diffuser pin and DA distance control flap allow up to 25% radius reduction without changing nozzles.
- Rugged brass and stainless steel construction.

Models:

- 35A-TNT
- 35A-ADJ-TNT
- 35A-PJDA-TNT
- 35A-PJADJ-TNT

Specifications:

- Precipitation Rate: 0.43 to 0.67 inches per hour (11 to 17 mm/h)
- Radius: 42 to 51 feet (12,8 to 15,6 m)
- Pressure: 30 to 60 psi (2,1 to 4,1 Bars)
- Flow: 3.9 to 7.8 GPM (0,89 to 1,77 m³/h; 0,25 to 0,49 l/s)
- 3/4" (20/27) male threaded inlet
- Nozzle outlet trajectory: 27°



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Helpful Tools



[Performance Charts](#)



[Replacement Parts List](#)
(PDF: 94 KB)



[Impact Troubleshooting](#)
Guide (PDF: 128 KB)



[Specification Drawing](#)
(DWG: 94 KB)

35A-ADJ-TNT



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35A-PJDA-TNT



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35A-PJADJ-TNT



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Performance Charts

35A-TNT Series

English					
Pressure (psi)	Nozzle	Radius (ft.)	Flow (GPM)	Precipitation (In/h) ■	Precipitation (In/h) ▲
30	10	42	3.9	0.43	0.49
	11	43	4.6	0.48	0.55
	12 *	44	5.5	0.55	0.63
40	10	44	4.5	0.45	0.52
	11	45	5.4	0.51	0.59
	12 *	47	6.4	0.56	0.64
50	10	45	5	0.48	0.55
	11	47	6	0.52	0.6
	12 *	49	7.2	0.58	0.67
60	10	46	5.4	0.49	0.57
	11	48	6.6	0.55	0.64
	12 *	51	7.8	0.58	0.67

Metric						
Pressure (Bars)	Nozzle	Radius (m)	Flow (m³/h)	Flow (l/s)	Precipitation (mm/h) ■	Precipitation (mm/h) ▲
2,1	10	12,8	0,89	0,25	11	12
	11	13,1	1,04	0,29	12	14
	12 *	13,4	1,25	0,35	14	16
2,5	10	13,1	0,97	0,27	11	13
	11	13,5	1,15	0,32	13	15
	12 *	13,9	1,37	0,38	14	16
3,0	10	13,4	1,05	0,29	12	13
	11	13,9	1,26	0,35	13	15
	12 *	14,5	1,50	0,42	14	17
3,5	10	13,7	1,13	0,31	12	14
	11	14,3	1,37	0,38	13	16
	12 *	15,0	1,63	0,45	15	17
4,0	10	14,0	1,21	0,34	12	14
	11	14,6	1,48	0,41	14	16
	12 *	15,5	1,75	0,49	15	17
4,1	10	14,0	1,23	0,34	12	14

	11	14,6	1,50	0,42	14	16
	12 *	15,6	1,77	0,49	15	17

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 40 to 60 psi (2,1 to 4,0 Bars).

Performance data collected in zero wind conditions.