



WATER APPLICATION SOLUTIONS FOR CENTER PIVOT IRRIGATION



# R35i

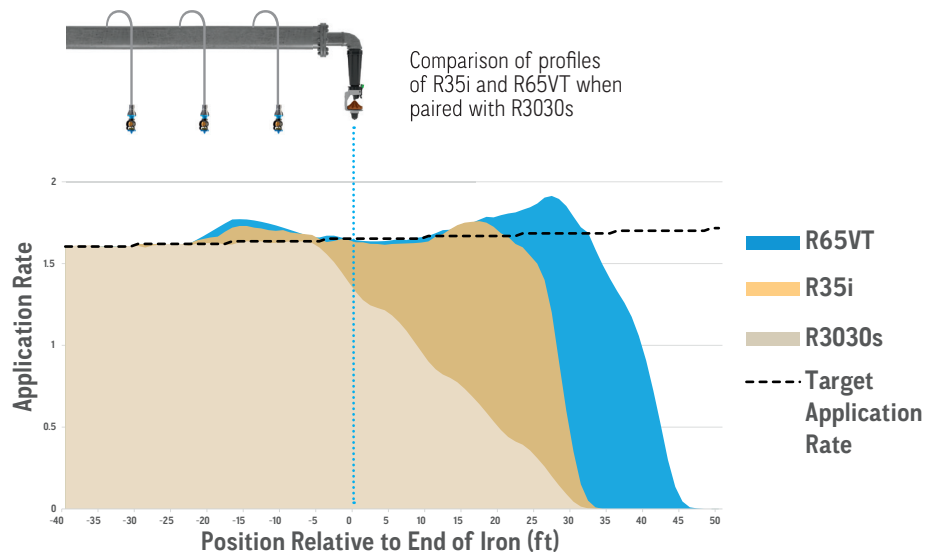
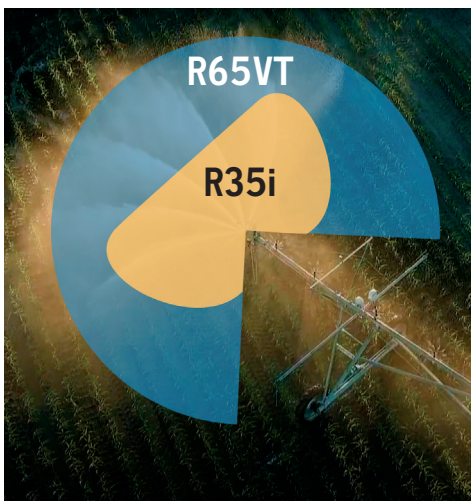
THE NEW, INVERTED R35i IS THE LATEST REFINEMENT TO NELSON'S MULTI-STREAM END-OF-PIVOT SPRINKLER LINE. REFERRED TO AS "THE EDGE", THE R35i TRADES THROW FOR INCREASED UNIFORMITY, IMPROVING YIELD AND GRADE FOR HIGH VALUE CROPS. THE R35i IS PERFECT FOR DEMANDING CROPS AND FIELDS SURROUNDED BY SENSITIVE INFRASTRUCTURE.

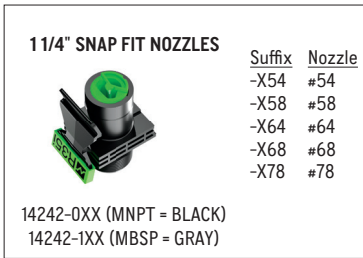
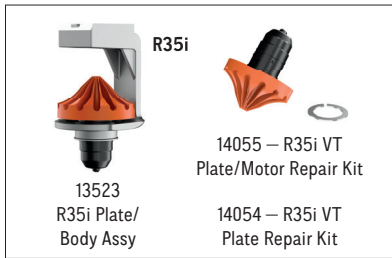
## SPECS :

- 10-40 psi (0.7-2.75 bar) operating pressure
- 17-70 gpm (4-16 m<sup>3</sup>/hr) flow range
- 270-degree water pattern throws water behind the sprinkler to overlap with pivot sprinklers and increase uniformity at the end of iron



The R35i nozzle is engineered to deliver a pattern that complements the last sprinklers on the pivot to deliver maximum uniformity without increasing wetted area.





# R35i

## U.S. UNITS

Pressure (psi)	"54 Beige (54/128)		"58 Lime (58/128)		"64 Gray (64/128)		"68 Mustard (68/128)		"78 Copper (78/128)	
	Flow (gpm)	Radius (ft)	Flow (gpm)	Radius (ft)	Flow (gpm)	Radius (ft)	Flow (gpm)	Radius (ft)	Flow (gpm)	Radius (ft)
10	17.2	24	20.3	26	26.2	26	28.8	28	35.6	29
15	20.7	28	24.5	29	31.6	30	34.7	31	43.1	32
20	23.9	34	28.3	35	36.5	35	40.2	36	49.9	37
25	26.9	33	31.8	34	41	34	45.2	35	56	36
30	29.5	34	34.9	35	45.1	35	49.6	36	61.4	37
35	31.8	34	37.7	35	48.6	36	53.5	37	66.2	38
40	33.7	35	40.1	36	51.7	37	56.9	38	70.3	39

# R35i

## METRIC UNITS

Pressure (psi)	"54 Beige (54/128)		"58 Lime (58/128)		"64 Gray (64/128)		"68 Mustard (68/128)		"78 Copper (78/128)	
	Flow (m <sup>3</sup> /hr)	Radius (m)	Flow (m <sup>3</sup> /hr)	Radius (m)	Flow (m <sup>3</sup> /hr)	Radius (m)	Flow (m <sup>3</sup> /hr)	Radius (m)	Flow (m <sup>3</sup> /hr)	Radius (m)
0.7	3.9	7.4	4.6	7.8	6	8	6.6	8.4	8.1	8.9
1	4.6	8.4	5.5	8.8	7.1	8.9	7.8	9.3	9.6	9.7
1.5	5.7	9.8	6.7	10.1	8.7	10.2	9.5	10.5	11.8	10.8
2	6.6	10.2	7.8	10.5	10.1	10.5	11.1	10.9	13.7	11.2
2.5	7.3	10.5	8.7	10.9	11.2	10.9	12.4	11.3	15.3	11.7
2.75	7.7	10.7	9.1	11	11.7	11.1	12.9	11.5	16	11.9

**POOR ENTRANCE CONDITIONS DIMINISH PERFORMANCE**

**USE ADAPTER**  
2" MNPT x 1.25" FNPT  
13203-001 (Black)  
2" MBSP x 1.25" FBSP  
13203-002 (Gray)

**OR MINIMUM 6" PIPE NIPPLE**

R35i PERFORMANCE DATA HAS BEEN OBTAINED UNDER IDEAL TEST CONDITIONS AND MAY BE ADVERSELY AFFECTED BY WIND, POOR HYDRAULIC ENTRANCE CONDITIONS OR OTHER FACTORS. TEST RISER HEIGHT OF 9 FEET (2.7 METERS) ABOVE MEASUREMENT SURFACE. NO REPRESENTATION REGARDING DROPLET CONDITION, UNIFORMITY, APPLICATION RATE, OR SUITABILITY FOR A PARTICULAR APPLICATION IS MADE HEREIN.

WARRANTY AND DISCLAIMER: Nelson End of Pivot Sprinklers are warranted for one year from date of original sale to be free of defective materials and workmanship when used within the working specifications for which the products were designed and under normal use and service. The manufacturer assumes no responsibility for installation, removal or unauthorized repair of defective parts. The manufacturer's liability under this warranty is limited solely to replacement or repair of defective parts and the manufacturer will not be liable for any crop or other consequential damages resulting from defects or breach of warranty. THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR PARTICULAR PURPOSES AND OF ALL OTHER OBLIGATIONS OR LIABILITIES OF MANUFACTURER. No agent, employee or representative of the manufacturer has authority to waive, alter or add to the provisions of this warranty, nor to make any representations or warranty not contained herein.

Patent information at [www.nicpat.com](http://www.nicpat.com). Additional patents may be pending in the U.S. and/or in foreign jurisdictions.



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