

## MINIPRO ■ PERFORMANCE DATA

PERFORMANCE			
NOZZLE	PRESSURE PSI	RADIUS FT.	FLOW GPM
#0.75	30	17'	.75
	40	17'	.8
	50	18'	.9
#1	30	20'	.9
	40	21'	1.2
	50	21'	1.3
#1.5	30	23'	1.4
	40	24'	1.7
	50	24'	1.9
#2	30	25'	1.8
	40	27'	2.1
	50	27'	2.4
#3	30	28'	2.7
	40	30'	3.0
	50	30'	3.3

METRIC					
NOZZLE	PRESSURE		RADIUS METERS	FLOW RATE	
	kPa	BARS		L/M	M <sup>3</sup> /H
#0.75	207	2.1	5.1	2.84	.2
	276	2.8	5.1	3.03	.2
	345	3.4	5.4	3.41	.2
#1	207	2.1	6.0	3.41	.2
	276	2.8	6.3	4.54	.3
	345	3.4	6.3	4.92	.3
#1.5	207	2.1	6.9	5.30	.4
	276	2.8	7.2	6.44	.4
	345	3.4	7.2	7.20	.5
#2	207	2.1	7.5	6.82	.5
	276	2.8	8.1	7.95	.5
	345	3.4	8.1	9.09	.6
#3	207	2.1	8.4	10.2	.7
	276	2.8	9.0	11.4	.8
	344	3.4	9.0	12.5	.8

Data represents test results in zero wind. Adjust for local conditions. Radius may be reduced with nozzle retention screw.

### SPECIFICATIONS

- Inlet: 1/2" Threaded NPT
- Arc Adjustment Range: 40° to 360°
- Flow Range: .75-3.3 GPM
- Pressure Rating: 20-70 PSI
- Precipitation Rate: .22 to .41 Inches Per Hour (Depending on Spacing and Nozzle Used)
- Overall Height (Popped Down): 6"
- Recommended Spacing: 17' to 28'
- Radius: 17' to 30'
- Nozzle Trajectory: 26°
- Riser Height: 4", 6" or 12"

### FACT

*K-RAIN pioneered the flat blade screw driver method of rotor adjustment in 1989.*

### K-RAIN MINIPRO™ MODEL 13003



The MiniPro is a gear-driven, rotary type sprinkler, capable of covering an area of 17' to 30' (5.2 to 9.1 M) radius at nozzle pressure of 30 to 50 PSI (2.1 to 3.4 bar) with a discharge rate of .75 to 3.3 GPM (2.84 to 12.5 LPM). The MiniPro is supplied with five (5) numerically coded interchangeable nozzles. Sprinkler nozzle trajectory is 26°. The sprinkler has a stainless steel radius adjustment screw.

The MiniPro provides arc adjustment from 40° to 360°. Sprinkler arc setting adjustment is carried out by rotation of a flat blade screwdriver within top cover adjustment slot. Sprinkler coverage pattern is indicated by degree graduations and an arrow located on top of the sprinkler, and rotate to correspond with arc selected. The MiniPro is adjustable in all phases of installation (i.e., before installation, after installation while static, and after installation while in operation).