



RPS50® Performance Data

Model Number: RPS50® • Arc Adjust: 40-360 • Drive Type: Gear • Warranty: 5 years • Trajectory: 26 degrees

Standard Performance Data:

Nozzle	Pressure (PSI)	Radius (ft)	Flow (GPM)	Precip (IN/HR)	Precip (IN/HR)
				■	▲
#0.75	30	17	0.75	0.25	0.29
	40	17	0.8	0.27	0.31
	50	18	0.9	0.27	0.31
#1	30	20	0.9	0.22	0.25
	40	21	1.2	0.26	0.30
	50	21	1.3	0.28	0.33
#1.5 Pre Installed	30	23	1.4	0.25	0.29
	40	24	1.7	0.28	0.33
	50	24	1.9	0.32	0.37
#2	30	25	1.8	0.28	0.32
	40	27	2.1	0.28	0.32
	50	27	2.4	0.32	0.37
#3	30	28	2.7	0.33	0.38
	40	30	3.0	0.32	0.37
	50	30	3.3	0.35	0.41

Metric Performance Data:

Nozzle	Pressure (bar)	Radius (meter)	Flow (l/m)	Precip (mm/hr)	Precip (mm/hr)
				■	▲
#0.75	2.0	5.2	2.8	6.3	7.3
	3.0	5.2	3.0	6.8	7.8
	3.5	5.5	3.4	6.8	7.8
#1	2.0	6.1	3.4	5.5	6.4
	3.0	6.4	4.5	6.7	7.7
	3.5	6.4	4.9	7.2	8.3
#1.5 Pre Installed	2.0	7.0	5.3	6.5	7.5
	3.0	7.3	6.4	7.2	8.3
	3.5	7.3	7.2	8.1	9.3
#2	2.0	7.6	6.8	7.0	8.1
	3.0	8.2	8.0	7.0	8.1
	3.5	8.2	9.1	8.0	9.3
#3	2.0	8.5	10.2	8.4	9.7
	3.0	9.1	11.4	8.1	9.4
	3.5	9.1	12.5	9.0	10.4

All precipitation rates are calculated at 360 degrees. For precipitation rates at 180 degrees, multiply by 2. Data represents test results in zero wind. Adjust for local conditions. Radius may be reduced with nozzle retention screw.