

Nozzle Performance

Spray Heads



12 Series MPR						
30° Trajectory						
Nozzle	Pressure psi	Radius ft.	Flow GPM	Precip In/h	■ ▲	
	15	9	1.80	2.14	2.47	
	20	10	2.10	2.02	2.34	
	25	11	2.40	1.91	2.21	
	30	12	2.60	1.74	2.01	
	15	9	0.90	2.14	2.47	
	20	10	1.05	2.02	2.34	
	25	11	1.20	1.91	2.21	
	30	12	1.30	1.74	2.01	
	15	9	0.45	2.14	2.47	
	20	10	0.53	2.02	2.34	
	25	11	0.60	1.91	2.21	
	30	12	0.65	1.74	2.01	

15 Series MPR						
30° Trajectory						
Nozzle	Pressure psi	Radius ft.	Flow GPM	Precip In/h	■ ▲	
	15	11	2.60	2.07	2.39	
	20	12	3.00	2.01	2.32	
	25	14	3.30	1.62	1.87	
	30	15	3.70	1.58	1.83	
	15	11	1.30	2.07	2.39	
	20	12	1.50	2.01	2.32	
	25	14	1.65	1.62	1.87	
	30	15	1.85	1.58	1.83	
	15	11	0.65	2.07	2.39	
	20	12	0.75	2.01	2.32	
	25	14	0.82	1.62	1.87	
	30	15	0.92	1.58	1.83	

12 Dual Spray™ Series						
23° Trajectory						
Nozzle	Pressure psi	Radius ft.	Flow GPM	Precip In/h	■ ▲	
	15	9	1.80	2.14	2.47	
	20	10	2.10	2.02	2.34	
	25	11	2.40	1.91	2.21	
	30	12	2.60	1.74	2.01	
	15	9	0.90	2.14	2.47	
	20	10	1.05	2.02	2.34	
	25	11	1.20	1.91	2.21	
	30	12	1.30	1.74	2.01	
	15	9	0.45	2.14	2.47	
	20	10	0.53	2.02	2.34	
	25	11	0.60	1.91	2.21	
	30	12	0.65	1.74	2.01	

8 Series MPR						
10° Trajectory						
Nozzle	Pressure psi	Radius ft.	Flow GPM	Precip In/h	■ ▲	
	15	5	0.54	2.07	2.39	
	20	6	0.75	2.01	2.32	
	25	7	0.82	1.62	1.87	
	30	8	1.05	1.58	1.83	
	15	5	0.27	2.07	2.39	
	20	6	0.38	2.01	2.32	
	25	7	0.41	1.62	1.87	
	30	8	0.52	1.58	1.83	
	15	5	0.13	2.07	2.39	
	20	6	0.19	2.01	2.32	
	25	7	0.21	1.62	1.87	
	30	8	0.26	1.58	1.83	

1300			
Nozzle	Pressure psi	Flow GPM	
	10	1.0	
	20	1.4	
	30	1.7	
	40	1.9	
	50	2.1	
	60	2.3	

SPECIALTY NOZZLES				
Nozzle	Pressure psi	WxL ft.	Flow GPM	
	15	18 x 18	2.68	
	20	19 x 19	3.06	
	25	21 x 21	3.42	
	30	23 x 23	3.73	
	15	4 x 13	0.45	
	20	4 x 14	0.50	
	25	4 x 14	0.56	
	30	4 x 15	0.61	
	15	4 x 26	0.89	
	20	4 x 28	1.00	
	25	4 x 28	1.11	
	30	4 x 30	1.21	
	15	4 x 26	0.89	
	20	4 x 28	1.00	
	25	4 x 28	1.11	
	30	4 x 30	1.21	
	15	9 x 15	1.34	
	20	9 x 16	1.47	
	25	9 x 18	1.60	
	30	9 x 18	1.73	

12 Series AP						
15° Trajectory						
Nozzle	Pressure psi	Radius ft.	Flow GPM	Precip In/h	■ ▲	
	15	9	1.8	2.14	2.47	
	20	10	2.1	2.02	2.34	
	25	11	2.4	1.91	2.21	
	30	12	2.6	1.74	2.01	
	15	9	1.35	2.14	2.47	
	20	10	1.58	2.02	2.34	
	25	11	1.8	1.91	2.21	
	30	12	1.95	1.74	2.01	
	15	9	0.9	2.14	2.47	
	20	10	1.05	2.02	2.34	
	25	11	1.2	1.91	2.21	
	30	12	1.3	1.74	2.01	
	15	9	0.45	2.14	2.47	
	20	10	0.53	2.02	2.34	
	25	11	0.6	1.91	2.21	
	30	12	0.65	1.74	2.01	

15 Series AP						
23° Trajectory						
Nozzle	Pressure psi	Radius ft.	Flow GPM	Precip In/h	■ ▲	
	15	11	2.60	2.07	2.39	
	20	12	3.00	2.01	2.32	
	25	14	3.30	1.62	1.87	
	30	15	3.70	1.58	1.83	
	15	11	1.95	2.07	2.39	
	20	12	2.25	2.01	2.32	
	25	14	2.48	1.62	1.87	
	30	15	2.78	1.58	1.83	
	15	11	1.30	2.07	2.39	
	20	12	1.50	2.01	2.32	
	25	14	1.65	1.62	1.87	
	30	15	1.85	1.58	1.83	
	15	11	0.65	2.07	2.39	
	20	12	0.75	2.01	2.32	
	25	14	0.82	1.62	1.87	
	30	15	0.92	1.58	1.83	

18 Series AP						
26° Trajectory						
Nozzle	Pressure psi	Radius ft.	Flow GPM	Precip In/h	■ ▲	
	15	14	4.21	2.07	2.39	
	20	15	4.70	2.01	2.32	
	25	17	4.86	1.62	1.87	
	30	18	5.32	1.58	1.83	
	15	14	3.16	2.07	2.39	
	20	15	3.52	2.01	2.32	
	25	17	3.65	1.62	1.87	
	30	18	3.99	1.58	1.83	
	15	14	2.11	2.07	2.39	
	20	15	2.35	2.01	2.32	
	25	17	2.43	1.62	1.87	
	30	18	2.66	1.58	1.83	
	15	14	1.05	2.07	2.39	
	20	15	1.17	2.01	2.32	
	25	17	1.22	1.62	1.87	
	30	18	1.33	1.58	1.83	

■ Square spacing based on 50% diameter of throw.
▲ Triangular spacing based on 50% diameter of throw.
Performance data collected in zero wind conditions.
* Turn nozzle screw clockwise to reduce spray distance up to 25%.