

## Performance Data

3.7m (10')					
Arc	kPa	Lpm	Rad. m	Precip Rate (mm/h)	
				□	△
12-60°	138	0.91	3.51	26.6	30.8
	207	0.95	3.66	25.5	29.4
	276	0.99	3.69	26.1	30.1
	345	1.06	3.72	27.6	31.9
12Q	138	1.29	3.66	23.1	26.7
	207	1.40	3.69	24.7	28.6
	276	1.48	3.48	29.4	33.9
	345	1.48	3.66	26.5	30.6
12T	138	1.74	3.51	25.5	29.5
	207	1.86	3.66	25.0	28.8
	276	1.93	3.72	25.1	29.0
	345	1.97	3.75	25.2	29.1
12-150°	138	2.27	3.54	26.2	30.2
	207	2.35	3.66	25.3	29.2
	276	2.39	3.72	24.9	28.7
	345	2.43	3.75	24.8	28.7
12H	138	2.65	3.51	25.9	29.9
	207	2.80	3.66	25.1	29.0
	276	2.99	3.75	25.5	29.5
	345	3.03	3.78	25.5	29.4
12-210°	138	2.88	3.54	23.7	27.4
	207	3.11	3.66	23.9	27.6
	276	3.18	3.75	23.3	26.9
	345	3.22	3.78	23.2	26.8
12TT	138	3.41	3.48	25.4	29.3
	207	3.75	3.66	25.2	29.1
	276	3.94	3.75	25.2	29.1
	345	3.98	3.78	25.1	28.9
12TQ	138	3.98	3.48	26.4	30.4
	207	4.36	3.66	26.1	30.1
	276	4.51	3.72	26.1	30.1
	345	4.62	3.75	26.3	30.4
12F	138	5.12	3.51	25.0	28.8
	207	5.61	3.66	25.1	29.0
	276	6.03	3.78	25.3	29.2
	345	6.06	3.81	25.1	28.9

4.6m (15')					
Arc	kPa	Lpm	Rad. m	Precip Rate (mm/h)	
				□	△
15-60°	138	1.33	4.27	26.2	30.3
	207	1.48	4.57	25.4	29.4
	276	1.52	4.60	25.8	29.7
	345	1.59	4.66	26.3	30.4
15Q	138	2.01	4.33	25.7	29.7
	207	2.20	4.57	25.2	29.1
	276	2.27	4.60	25.8	29.7
	345	2.31	4.66	25.5	29.4
15T	138	2.73	4.36	25.8	29.8
	207	2.92	4.57	25.1	29.0
	276	3.07	4.66	25.4	29.3
	345	3.11	4.70	25.4	29.3
15-150°	138	3.49	4.48	25.0	28.9
	207	3.64	4.57	25.1	28.9
	276	3.79	4.63	25.4	29.3
	345	4.17	4.66	27.6	31.9
15H	138	4.17	4.42	25.6	29.6
	207	4.40	4.57	25.2	29.1
	276	4.74	4.70	25.8	29.8
	345	4.85	4.73	26.1	30.1
15-210°	138	4.36	4.42	22.9	26.5
	207	4.55	4.57	22.4	25.8
	276	4.93	4.73	22.7	26.2
	345	5.31	4.76	24.1	27.9
15TT	138	5.50	4.42	25.3	29.2
	207	5.84	4.57	25.1	29.0
	276	5.99	4.63	25.1	29.0
	345	6.10	4.66	25.2	29.1
15TQ	138	6.52	4.42	26.7	30.8
	207	6.75	4.57	25.8	29.8
	276	6.90	4.57	26.4	30.5
	345	7.20	4.66	26.5	30.6
15F	138	8.34	4.42	25.6	29.6
	207	8.75	4.57	25.1	29.0
	276	8.91	4.63	24.9	28.7
	345	9.10	4.66	25.1	29.0

Special Patterns					
Arc	kPa	Lpm	Rad. m	Precip Rate (mm/h)	
				□	△
4x30 SST	138	2.35	1.2x8.5	27.6	
	207	2.50	1.2x9.1	27.5	
	276	2.54	1.2x9.1	27.9	
	345	2.58	1.2x9.1	28.3	
4x15 LCS	138	1.21	1.2x4.5	27.0	
	207	1.25	1.2x4.5	27.8	
	276	1.29	1.2x4.5	28.6	
	345	1.29	1.2x4.5	28.6	
4x15 RCS	138	1.21	1.2x4.5	27.0	
	207	1.25	1.2x4.5	27.8	
	276	1.29	1.2x4.5	28.6	
	345	1.29	1.2x4.5	28.6	
2x6 SST	138	0.23	0.6x1.8	25.3	
	207	0.23	0.6x1.8	25.3	
	276	0.23	0.6x1.8	25.3	
	345	0.23	0.6x1.8	25.3	
2x3 LCS	138	0.11	0.6x0.9	25.3	
	207	0.11	0.6x0.9	25.3	
	276	0.11	0.6x0.9	25.3	
	345	0.11	0.6x0.9	25.3	
2x3 RCS	138	0.11	0.6x0.9	25.3	
	207	0.11	0.6x0.9	25.3	
	276	0.11	0.6x0.9	25.3	
	345	0.11	0.6x0.9	25.3	
4x18 SST	138	1.36	1.2x5.4	25.3	
	207	1.40	1.2x5.4	26.0	
	276	1.44	1.2x5.4	26.7	
	345	1.44	1.2x5.4	26.7	
4x9 LCS	138	0.68	1.2x2.7	25.3	
	207	0.72	1.2x2.7	26.7	
	276	0.76	1.2x2.7	28.1	
	345	0.76	1.2x2.7	28.1	
4x9 RCS	138	0.68	1.2x2.7	25.3	
	207	0.72	1.2x2.7	26.7	
	276	0.76	1.2x2.7	28.1	
	345	0.76	1.2x2.7	28.1	

△ Precipitation rates are for equilateral triangular spacing based on 50% of the diameter of throw.

□ Precipitation rates are for square spacing based on 50% of the diameter of throw.