Performance Data – 570 MPR Series

Nozzle	Pressure	5 Series with 0° Trajectory Red				8 Series with 5° Trajectory Green				10 Series with 12° Trajectory Blue				12 Series with 23° Trajectory Brown				15 Series with 27° Trajectory Black			
Nozzle	kPa	Flow (Lpm)	Radius (m)	Prec. Rate* △ mm/hr	□	Flow (Lpm)	Radius (m)	Prec. Rate* △ mm/hr	□	Flow (Lpm)	Radius (m)	Prec. Rate* △ mm/hr	□	Flow (Lpm)	Radius (m)	Prec. Rate* △ mm/hr	□	Flow (Lpm)	Radius (m)	Prec. Rate* △ mm/hr	□
90°	150	0.22	1.3	36.0	31.2	0.69	2.2	39.5	34.2	1.20	2.8	42.4	36.7	1.58	3.4	37.9	32.8	2.69	4.3	40.3	34.9
	200	0.33	1.5	40.6	35.2	0.88	2.4	42.4	36.7	1.48	3.0	45.5	39.4	1.85	3.6	39.6	34.3	3.15	4.5	43.1	37.3
	250	0.41	1.6	44.3	38.4	0.96	2.5	42.6	36.9	1.75	3.2	47.3	41.0	2.13	3.8	40.9	35.4	3.67	4.8	44.1	38.2
	300	0.49	1.7	47.0	40.7	1.02	2.6	41.8	36.2	2.03	3.5	46.0	39.8	2.31	4.0	40.1	34.7	4.19	4.9	48.4	41.9
	350	0.58	1.8	49.7	43.0	1.11	2.8	39.3	34.0	2.30	3.7	46.5	40.3	2.39	4.0	41.5	35.9	4.71	4.9	54.4	47.1
PC	207-276	0.34	1.5	41.9	36.3	0.83	2.4	40.0	34.6	1.25	3.0	38.5	33.3	1.82	3.7	36.8	31.9	2.84	4.6	37.2	32.2
	276-518	0.38	1.5	46.8	40.5	0.95	2.4	45.7	39.6	1.40	3.0	43.1	37.3	2.01	3.7	40.6	35.2	3.07	4.6	40.2	34.8
120°	150	0.30	1.3	37.0	32.0	0.92	2.2	39.5	34.2	1.66	2.8	44.0	38.1	2.26	3.4	29.1	25.2	3.70	4.2	43.5	37.7
	200	0.44	1.5	40.6	35.2	1.11	2.4	40.1	34.7	1.93	3.0	44.6	38.6	2.67	3.6	42.8	37.1	4.11	4.5	42.1	36.5
	250	0.55	1.6	44.7	38.7	1.28	2.5	42.6	36.9	2.28	3.2	46.3	40.1	3.08	3.8	44.3	38.4	4.64	4.7	43.6	37.8
	300	0.66	1.7	47.5	41.1	1.42	2.6	43.6	37.8	2.59	3.5	44.0	38.1	3.43	3.9	46.9	40.6	5.12	4.7	48.2	41.7
	350	0.77	1.8	49.4	42.8	1.53	2.8	40.5	35.1	2.87	3.7	43.5	37.7	3.70	4.0	48.0	41.6	5.53	4.7	52.1	45.1
PC	207-276	0.45	1.5	41.6	36.0	1.10	2.4	39.7	34.4	1.67	3.0	38.6	33.4	2.42	3.7	36.7	31.8	3.79	4.6	37.2	32.2
	276-518	0.49	1.5	45.3	39.2	1.33	2.4	48.0	41.6	1.89	3.0	43.6	37.8	2.65	3.7	40.2	34.8	4.16	4.6	40.9	35.4
180°	150	0.44	1.3	36.0	31.2	1.49	2.3	39.0	33.8	2.34	2.8	41.3	35.8	3.69	3.4	44.2	38.3	5.37	4.1	44.2	38.3
	200	0.69	1.5	42.5	36.8	1.84	2.4	44.2	38.3	2.65	3.0	40.8	35.3	4.07	3.6	43.5	37.7	6.14	4.5	42.0	36.4
	250	0.81	1.6	43.9	38.0	2.08	2.5	46.1	39.9	3.02	3.2	40.9	35.4	4.62	3.8	44.3	38.4	7.12	4.8	42.8	37.1
	300	0.92	1.7	44.1	38.2	2.29	2.6	47.0	40.7	3.40	3.4	40.8	35.3	5.25	4.1	43.3	37.5	7.81	4.9	45.0	39.0
	350	1.03	1.8	44.0	38.1	2.48	2.8	43.9	38.0	3.79	3.5	42.8	37.1	5.94	4.3	44.6	38.6	8.13	4.9	46.9	40.6
PC	207-276	0.68	1.5	41.8	36.2	1.67	2.4	40.2	34.8	2.50	3.0	38.5	33.3	3.63	3.7	36.7	31.8	5.68	4.6	37.2	32.2
	276-518	0.76	1.5	46.8	40.5	1.89	2.4	45.5	39.4	2.84	3.0	43.8	37.9	4.00	3.7	40.5	35.1	6.25	4.6	40.9	35.4
240°	150	0.63	1.3	38.8	33.6	2.21	2.2	47.5	41.1	2.86	2.8	37.9	32.8	4.46	3.4	40.1	34.7	7.02	4.3	39.5	34.2
	200	0.91	1.5	42.0	36.4	2.60	2.4	46.9	40.6	3.57	3.0	41.2	35.7	5.36	3.6	43.0	37.2	8.17	4.5	41.9	36.3
	250	1.06	1.6	43.1	37.3	2.89	2.5	48.0	41.6	3.98	3.1	43.1	37.3	5.91	3.8	42.5	36.8	9.42	4.8	42.5	36.8
	300	1.20	1.7	43.2	37.4	3.13	2.6	48.2	41.7	4.28	3.3	40.9	35.4	6.40	3.9	43.8	37.9	10.31	4.9	44.6	38.6
	350	1.34	1.8	43.0	37.2	3.35	2.8	44.5	38.5	4.53	3.4	40.8	35.3	6.86	4.0	44.6	38.6	10.80	4.9	46.8	40.5
PC	207-276	0.87	1.5	40.2	34.8	2.23	2.4	40.3	34.9	3.40	3.0	39.3	34.0	4.85	3.7	36.8	31.9	7.57	4.6	37.2	32.2
	276-518	1.02	1.5	47.1	40.8	2.65	2.4	47.8	41.4	3.79	3.0	43.8	37.9	5.30	3.7	40.2	34.8	8.33	4.6	40.9	35.4
270°	150	0.82	1.3	42.0	36.4	2.47	2.2	44.2	38.3	3.25	2.8	35.9	31.1	4.31	3.3	34.3	29.7	8.28	4.1	42.6	36.9
	200	1.06	1.5	40.8	35.3	2.83	2.4	42.5	36.8	3.85	3.0	37.1	32.1	5.68	3.6	38.0	32.9	9.65	4.5	41.2	35.7
	250	1.22	1.6	41.2	35.7	3.11	2.5	43.1	37.3	4.32	3.1	38.9	33.7	6.10	3.8	36.6	31.7	10.79	4.7	42.3	36.6
	300	1.37	1.7	41.1	35.6	3.35	2.6	42.8	37.1	4.74	3.3	37.6	32.6	6.44	3.9	36.6	31.7	11.89	4.8	44.7	38.7
	350	1.63	1.8	43.5	37.7	3.54	2.8	39.1	33.9	5.15	3.4	38.6	33.4	6.86	4.0	37.2	32.2	12.98	4.9	46.8	40.5
PC	207-276	0.98	1.5	37.8	32.7	2.42	2.4	36.4	31.5	3.75	3.0	47.7	41.3	5.45	3.7	34.5	29.9	8.71	4.6	35.7	30.9
	276-518	1.10	1.5	42.4	36.7	2.65	2.4	39.8	34.5	4.13	3.0	39.7	34.4	6.06	3.7	38.3	33.2	9.47	4.6	38.8	33.6
360°	150	1.03	1.3	42.3	36.6	2.97	2.2	42.5	36.8	4.45	2.7	42.3	36.6	6.67	3.4	40.0	34.6	11.29	4.1	46.5	40.3
	200	1.39	1.5	42.8	37.1	3.69	2.4	44.3	38.4	5.50	3.0	42.4	36.7	8.09	3.6	43.3	37.5	13.34	4.5	45.6	39.5
	250	1.60	1.6	43.3	37.5	4.16	2.5	46.1	39.9	5.92	3.1	42.7	37.0	8.67	3.8	41.6	36.0	15.05	4.8	45.3	39.2
	300	1.81	1.7	43.4	37.6	4.58	2.6	47.0	40.7	6.41	3.3	40.8	35.3	9.36	3.9	42.6	36.9	16.40	4.9	47.3	41.0
	350	2.03	1.8	43.4	37.6	4.96	2.8	43.9	38.0	7.07	3.4	42.4	36.7	10.32	4.0	44.7	38.7	17.45	4.9	50.3	43.6
PC	207-276	1.33	1.5	41.0	35.5	3.22	2.4	38.7	33.5	5.04	3.0	38.8	33.6	7.27	3.7	36.8	31.9	11.36	4.6	37.2	32.2
	276-518	1.48	1.5	45.6	39.5	3.79	2.4	45.6	39.5	5.72	3.0	44.0	38.1	7.95	3.7	40.2	34.8	12.49	4.6	40.9	35.4

Performance Data – 570 MPR Series

Special Patterns Orange					
Nozzle	Pressure (kPa)	Flow (Lpm)	Special Patterns (W x L) (m x m)	Prec. Rate* △ mm/hr	□
	150	1.48	1.0 x 3.8	26.9	23.3
	200	1.68	1.2 x 4.5	21.5	18.6
	250	1.89	1.4 x 5.1	18.3	15.9
	300	2.10	1.6 x 5.7	15.9	13.8
	350	2.29	1.9 x 6.1	13.7	11.8
PC	207-276	1.63	1.2 x 4.4	21.4	18.5
	276-518	1.89	1.2 x 4.4	24.8	21.4
	150	2.94	1.0 x 7.6	26.8	23.2
	200	3.35	1.2 x 9.0	21.5	18.6
	250	3.74	1.2 x 9.1	23.7	20.5
	300	4.10	1.2 x 9.3	25.4	22.0
	350	4.43	1.2 x 9.5	26.9	23.3
PC	207-276	3.26	1.2 x 9.1	20.6	17.9
	276-518	3.79	1.2 x 9.1	24.0	20.8

Special Patterns Orange					
Nozzle	Pressure (kPa)	Flow (Lpm)	Special Patterns (W x L) (m x m)	Prec. Rate* △ mm/hr	□
	150	3.92	2.7 x 5.5	18.3	15.8
	200	4.47	2.7 x 5.5	20.8	18.0
	250	4.97	2.7 x 5.9	21.6	18.7
	300	5.45	2.8 x 6.3	21.4	18.5
	350	5.92	3.1 x 6.8	19.4	16.8
PC	207-276	4.16	2.7 x 5.5	19.4	16.8
	276-518	4.54	2.7 x 5.5	21.1	18.3
	150	2.63	1.2 x 7.6	19.9	17.3
	200	3.31	1.2 x 9.0	21.2	18.4
	250	3.74	1.2 x 9.5	22.7	19.7
	300	4.10	1.3 x 9.9	22.0	19.1
	350	4.43	1.5 x 10.1	20.2	17.5
PC	207-276	3.33	1.2 x 9.1	21.1	18.3
	276-518	3.79	1.2 x 9.1	24.0	20.8

Special Patterns Orange					
Nozzle	Pressure (kPa)	Flow (Lpm)	Special Patterns (W x L) (m x m)	Prec. Rate* △ mm/hr	□
	150	0.31	0.6 x 1.6	22.3	19.3
	200	0.34	0.6 x 1.8	21.8	18.9
	250	0.36	0.6 x 2.0	20.8	18.0
	300	0.41	0.7 x 2.1	19.3	16.7
	350	0.46	0.9 x 2.1	16.8	14.6
PC	207-276	0.34	0.6 x 1.8	21.8	18.9
	276-518	0.38	0.6 x 1.8	24.3	21.1
	150	1.80	1.2 x 5.2	20.0	17.3
	200	2.05	1.2 x 5.5	21.5	18.6
	250	2.27	1.2 x 5.7	23.0	19.9
	300	2.49	1.3 x 5.8	22.8	19.8
	350	2.71	1.5 x 5.8	21.5	18.7
PC	207-276	1.89	1.2 x 5.5	19.8	17.2
	276-518	2.23	1.2 x 5.5	23.4	20.2

Precipitation rates are for triangular spacing, shown in millmetres per hour, calculated at 50% of diameter.
Precipitation rates are for square spacing, shown shown in millmetres per hour, calculated at 50% of diameter.
All performance specifications are based on the stated working pressure available at the base of the sprinkler.

See Technical Section for precipitation rate calculations.