

8' (2,4 m) FIXED PATTERN (5° Trajectory - flat)

Pressure		Radius		Discharge		Precipitation Rate <sup>1</sup>		Model	Pressure		Radius		Discharge		Precipitation Rate <sup>1</sup>		
PSI	FT. R	GPM	IN/HR ▲	■	▲	■	▲		BARS	M	MFH	L/min	■	▲	■	▲	
15	6	1.0	2.3	2.8				7284 8F-FLT FULL (360°)	1.1	104	1.8	0.23	3.8	58.4	71.1		
20	7	1.2	2.1	2.6					1.4	138	2.1	0.27	4.5	53.3	66.0		
25	7	1.2	2.0	2.5					1.8	173	2.1	0.27	4.5	50.8	63.5		
30	8	1.5	1.9	2.4				2.1	207	2.4	0.34	5.7	48.2	61.0			
15	6	0.5	2.3	2.8				7282 8H-FLT 1/2 (180°)	1.1	104	1.8	0.11	1.9	58.4	71.1		
20	7	0.6	2.1	2.6					1.4	138	2.1	0.14	2.3	53.3	66.0		
25	7	0.6	2.0	2.5					1.8	173	2.1	0.14	2.3	50.8	63.5		
30	8	0.7	1.9	2.3				2.1	207	2.4	0.16	2.6	48.2	61.0			
15	6	0.3	2.3	2.8				7281 8O-FLT 1/4 (90°)	1.1	104	1.8	0.07	1.1	58.4	71.1		
20	7	0.3	2.1	2.6					1.4	138	2.1	0.07	1.1	53.3	66.0		
25	7	0.3	2.0	2.5					1.8	173	2.1	0.07	1.1	50.8	63.5		
30	8	0.4	1.9	2.3				2.1	207	2.4	0.09	1.5	48.2	61.0			



10' (3,1 m) FIXED PATTERN (15° Trajectory - low angle)

Pressure		Radius		Discharge		Precipitation Rate <sup>1</sup>		Model	Pressure		Radius		Discharge		Precipitation Rate <sup>1</sup>		
PSI	FT. R	GPM	IN/HR ▲	■	▲	■	▲		BARS	M	MFH	L/min	■	▲	■	▲	
15	7	1.2	2.3	2.6				7274 10F-LA FULL (360°)	1.1	104	2.1	0.27	4.5	58.4	66.0		
20	8	1.3	2.0	2.3					1.4	138	2.4	0.30	4.9	50.8	58.4		
25	9	1.4	1.7	2.0					1.8	173	2.7	0.32	5.3	43.2	50.8		
30	10	1.6	1.5	1.8				2.1	207	3.1	0.36	6.1	38.1	45.7			
15	7	0.6	2.3	2.6				7272 10H-LA 1/2 (180°)	1.1	104	2.1	0.14	2.3	58.4	66.0		
20	8	0.6	2.0	2.3					1.4	138	2.4	0.14	2.3	50.8	58.4		
25	9	0.7	1.7	2.0					1.8	173	2.7	0.16	2.6	43.2	50.8		
30	10	0.8	1.5	1.8				2.1	207	3.1	0.18	3.0	38.1	45.7			
15	7	0.3	2.3	2.6				7271 10O-LA 1/4 (90°)	1.1	104	2.1	0.06	1.1	58.4	66.0		
20	8	0.3	2.0	2.3					1.4	138	2.4	0.06	1.1	50.8	58.4		
25	9	0.4	1.7	2.0					1.8	173	2.7	0.09	1.5	43.2	50.8		
30	10	0.4	1.5	1.8				2.1	207	3.1	0.09	1.5	38.1	45.7			



12' (3,7 m) FIXED PATTERN (30° Trajectory - low gallonage)

Pressure		Radius		Discharge		Precipitation Rate <sup>1</sup>		Model	Pressure		Radius		Discharge		Precipitation Rate <sup>1</sup>		
PSI	FT. R	GPM	IN/HR ▲	■	▲	■	▲		BARS	M	MFH	L/min	■	▲	■	▲	
15	9	1.8	2.1	2.5				7374 12F FULL (360°)	1.1	104	2.7	0.40	6.8	53.3	63.5		
20	10	2.1	2.0	2.3					1.4	138	3.1	0.48	7.9	50.8	58.4		
25	11	2.4	1.9	2.2					1.8	173	3.4	0.54	9.1	48.2	55.9		
30	12	2.6	1.7	2.0				2.1	207	3.7	0.59	9.8	43.2	50.8			
15	9	1.4	2.1	2.5				7373 12TQ 3/4 (270°)	1.1	104	2.7	0.32	5.3	53.3	63.5		
20	10	1.6	2.0	2.3					1.4	138	3.1	0.36	6.1	50.8	58.4		
25	11	1.8	1.9	2.2					1.8	173	3.4	0.41	6.8	48.2	55.9		
30	12	2.0	1.7	2.0				2.1	207	3.7	0.45	7.6	43.2	50.8			
15	9	1.2	2.1	2.5				7375 12TT 2/3 (240°)	1.1	104	2.7	0.27	5.5	53.3	63.5		
20	10	1.4	2.0	2.3					1.4	138	3.1	0.32	5.3	50.8	58.4		
25	11	1.6	1.9	2.2					1.8	173	3.4	0.36	6.1	48.2	55.9		
30	12	1.7	1.7	2.0				2.1	207	3.7	0.39	6.4	43.2	50.8			
15	9	0.9	2.1	2.5				7372 12H 1/2 (180°)	1.1	104	2.7	0.20	3.4	53.3	63.5		
20	10	1.1	2.0	2.3					1.4	138	3.1	0.25	4.2	50.8	58.4		
25	11	1.2	1.9	2.2					1.8	173	3.4	0.27	4.5	48.2	55.9		
30	12	1.3	1.7	2.0				2.1	207	3.7	0.30	4.9	43.2	50.8			
15	9	0.6	2.1	2.5				7376 12T 1/3 (120°)	1.1	104	2.7	0.14	2.3	53.3	63.5		
20	10	0.7	2.0	2.3					1.4	138	3.1	0.16	2.6	50.8	58.4		
25	11	0.8	1.9	2.2					1.8	173	3.4	0.18	3.0	48.2	55.9		
30	12	0.9	1.7	2.0				2.1	207	3.7	0.20	3.1	43.2	50.8			
15	9	0.5	2.1	2.5				7371 12Q 1/4 (90°)	1.1	104	2.7	0.11	1.9	53.3	63.5		
20	10	0.5	2.0	2.3					1.4	138	3.1	0.11	1.9	50.8	58.4		
25	11	0.6	1.9	2.2					1.8	173	3.4	0.14	2.3	48.2	55.9		
30	12	0.7	1.7	2.0				2.1	207	3.7	0.16	2.6	43.2	50.8			



15' (4,6 m) FIXED PATTERN (30° Trajectory - standard)

Pressure		Radius		Discharge		Precipitation Rate <sup>1</sup>		Model	Pressure		Radius		Discharge		Precipitation Rate <sup>1</sup>		
PSI	FT. R	GPM	IN/HR ▲	■	▲	■	▲		BARS	M	MFH	L/min	■	▲	■	▲	
15	11	2.6	2.1	2.4				7074 15F FULL (360°)	1.1	104	3.4	0.59	9.8	53.3	60.7		
20	12	3.0	2.0	2.3					1.4	138	3.7	0.68	11.4	50.8	58.4		
25	14	3.3	1.6	1.9					1.8	173	4.3	0.75	12.5	40.6	48.2		
30	15	3.7	1.6	1.8				2.1	207	4.6	0.84	14.0	40.6	45.7			
15	11	2.0	2.1	2.4				7073 15TQ 3/4 (270°)	1.1	104	3.4	0.45	7.6	53.3	60.7		
20	12	2.3	2.0	2.3					1.4	138	3.7	0.52	8.7	50.8	58.4		
25	14	2.5	1.6	1.9					1.8	173	4.3	0.57	9.5	40.6	48.2		
30	15	2.8	1.6	1.8				2.1	207	4.6	0.64	10.6	40.6	45.7			
15	11	1.7	2.1	2.4				7075 15TT 2/3 (240°)	1.1	104	3.4	0.39	6.4	53.3	60.7		
20	12	2.0	2.0	2.3					1.4	138	3.7	0.45	7.6	50.8	58.4		
25	14	2.2	1.6	1.9					1.8	173	4.3	0.50	8.3	40.6	48.2		
30	15	2.5	1.6	1.8				2.1	207	4.6	0.57	9.5	40.6	45.7			
15	11	1.3	2.1	2.4				7072 15H 1/2 (180°)	1.1	104	3.4	0.30	4.9	53.3	60.7		
20	12	1.5	2.0	2.3					1.4	138	3.7	0.34	5.7	50.8	58.4		
25	14	1.7	1.6	1.9					1.8	173	4.3	0.39	6.4	40.6	48.2		
30	15	1.9	1.6	1.8				2.1	207	4.6	0.43	7.2	40.6	45.7			
15	11	0.9	2.1	2.4				7076 15T 1/3 (120°)	1.1	104	3.4	0.20	3.4	53.3	60.7		
20	12	1.0	2.0	2.3					1.4	138	3.7	0.22	3.8	50.8	58.4		
25	14	1.1	1.6	1.9					1.8	173	4.3	0.25	4.2	40.6	48.2		
30	15	1.2	1.6	1.8				2.1	207	4.6	0.27	4.5	40.6	45.7			
15	11	0.7	2.1	2.4				7071 15Q 1/4 (90°)	1.1	104	3.4	0.16	2.6	53.3	60.7		
20	12	0.8	2.0	2.3					1.4	138	3.7	0.18	3.0	50.8	58.4		
25	14	0.8	1.6	1.9					1.8	173	4.3	0.18	3.0	40.6	48.2		
30	15	0.9	1.6	1.8				2.1	207	4.6	0.20	3.4	40.6	45.7			



SPECIAL PATTERN

Pressure		Radius		Discharge		Precipitation Rate <sup>1</sup>		Model	Pressure		Radius		Discharge		Precipitation Rate <sup>1</sup>		
PSI	FT. R	GPM	IN/HR ▲	■	▲	■	▲		BARS	M	MFH	L/min	■	▲	■	▲	
15	18 X 18	2.6	3.1	3.6				7081 15SQ SQUARE	1.1	104	5.5 X 5.5	0.59	9.8	78.7	91.4		
20	20 X 20	3.0	2.9	3.3					1.4	138	6.1 X 6.1	0.68	11.4	73.7	83.3		
25	22 X 22	3.3	2.6	3.0					1.8	173	6.7 X 6.7	0.75	12.5	66.0	76.2		
30	24 X 24	3.7	2.5	2.9				2.1	207	7.3 X 7.3	0.84	14.0	63.5	73.7			
15	4 X 13	0.5	1.7	-				7082 15EST END STRIP	1.1	104	1.2 X 4.0	0.11	1.9	43.2	-		
20	4 X 14	0.5	1.7	-					1.4	138	1.2 X 4.3	0.11	1.9	43.2	-		
25	4 X 14	0.6	1.9	-					1.8	173	1.2 X 4.3	0.14	2.3				