































Performance Data







1.5m "O" Nozzle					
Arc	kPa	Radius (m)	Flow (lpm)	Precip.Rate ■ (mm/hr.)	Precip.Rate ▲ (mm/hr.)
5Q 	275	1.4	0.24	30.0	34.6
	350	1.6	0.31	29.5	34.0
	450	1.8	0.41	30.3	35.0
5T 	275	1.3	0.26	28.1	32.4
	350	1.5	0.43	34.3	39.6
	450	1.7	0.65	40.4	46.6
5H 	275	1.3	0.38	26.8	30.9
	350	1.5	0.50	26.5	30.6
	450	1.7	0.66	27.6	31.8
5TT 	275	1.3	0.54	28.6	33.1
	350	1.5	0.77	30.8	35.6
	450	1.7	1.08	33.6	38.8
5TQ 	275	1.3	0.58	27.3	31.5
	350	1.5	0.81	28.7	33.2
	450	1.8	1.12	27.6	31.9
5F 	275	1.2	0.63	26.2	30.2
	350	1.5	0.91	24.3	28.1
	450	1.8	1.29	23.9	27.6

2.4m "O" Nozzle					
Arc	kPa	Radius (m)	Flow (lpm)	Precip.Rate ■ (mm/hr.)	Precip.Rate ▲ (mm/hr.)
8Q 	275	2.1	0.52	28.1	32.4
	350	2.3	0.64	28.8	33.3
	450	2.7	0.80	26.2	30.2
8T 	275	2.3	0.77	26.1	30.1
	350	2.4	0.92	28.6	33.0
	450	2.6	1.12	29.7	34.3
8H 	275	2.1	0.98	26.6	30.7
	350	2.3	1.25	28.3	32.7
	450	2.6	1.61	28.6	33.0
8TT 	275	2.1	1.27	26.0	29.9
	350	2.4	1.64	25.6	29.6
	450	2.7	2.13	26.3	30.3
8TQ 	275	2.2	1.54	25.4	29.3
	350	2.4	1.82	25.3	29.2
	450	2.7	2.20	24.2	27.9
8F 	275	2.1	2.09	28.4	32.8
	350	2.3	2.49	28.2	32.6
	450	2.5	3.02	29.0	33.4

3.0m "O" Nozzle					
Arc	kPa	Radius (m)	Flow (lpm)	Precip.Rate ■ (mm/hr.)	Precip.Rate ▲ (mm/hr.)
10Q 	275	2.9	0.99	28.4	32.7
	350	3.0	1.06	28.3	32.7
	450	3.3	1.15	25.4	29.3
10T 	275	2.9	1.16	24.8	28.6
	350	3.0	1.36	27.2	31.4
	450	3.3	1.63	27.0	31.1
10H 	275	3.0	1.81	24.2	27.9
	350	3.1	2.00	25.0	28.8
	450	3.2	2.25	26.4	30.4
10TT 	275	2.9	2.37	25.4	29.3
	350	3.0	2.66	26.6	30.7
	450	3.1	3.04	28.4	32.8
10TQ 	275	2.9	2.70	25.7	29.6
	350	3.0	2.93	26.1	30.1
	450	3.2	3.24	25.3	29.2
10F 	275	2.9	3.59	25.6	29.6
	350	3.0	4.03	26.8	31.0
	450	3.2	4.61	27.0	31.2

3.6m "O" Nozzle					
Arc	kPa	Radius (m)	Flow (lpm)	Precip.Rate ■ (mm/hr.)	Precip.Rate ▲ (mm/hr.)
12Q 	275	3.7	1.28	22.5	25.9
	350	3.7	1.47	25.8	29.7
	450	3.8	1.72	28.6	33.0
12T 	275	3.5	1.74	25.6	29.5
	350	3.6	1.91	26.5	30.6
	450	3.7	2.13	28.0	32.3
12H 	275	3.5	2.64	25.8	29.8
	350	3.6	2.84	26.3	30.3
	450	3.7	3.11	27.3	31.5
12TT 	275	3.5	3.39	24.9	28.8
	350	3.5	3.93	28.8	33.3
	450	3.5	4.64	34.1	39.3
12TQ 	275	3.5	3.96	25.9	29.9
	350	3.6	4.33	26.7	30.8
	450	3.7	4.82	28.2	32.5
12F 	275	3.5	5.11	25.0	28.9
	350	3.6	5.69	26.3	30.4
	450	3.7	6.46	28.3	32.7

4.6m "O" Nozzle					
Arc	kPa	Radius (m)	Flow (lpm)	Precip.Rate ■ (mm/hr.)	Precip.Rate ▲ (mm/hr.)
15Q 	275	4.3	2.0	26.2	30.2
	350	4.4	2.2	27.9	32.2
	450	4.5	2.6	30.3	35.0
15T 	275	4.4	2.7	25.2	29.1
	350	4.5	2.9	25.9	29.9
	450	4.7	3.2	26.0	30.0
15H 	275	4.4	4.2	25.9	29.9
	350	4.4	4.6	28.3	32.7
	450	4.3	5.1	33.1	38.2
15TT 	275	4.4	5.5	25.6	29.5
	350	4.5	6.0	26.6	30.7
	450	4.6	6.6	28.2	32.5
15TQ 	275	4.3	6.1	26.2	30.3
	350	4.4	6.5	26.7	30.9
	450	4.5	7.0	27.7	32.0
15F 	275	4.4	8.3	25.8	29.8
	350	4.5	9.0	26.6	30.7
	450	4.6	9.9	28.0	32.3

Special Patterns					
Arc	kPa	Radius (m)	Flow (lpm)	Precip.Rate ■ (mm/hr.)	Precip.Rate ▲ (mm/hr.)
4X30 SST 	275	1.2 x 9.1	2.34	25.8	29.7
	350	1.2 x 9.1	2.45	26.9	31.1
4X15 LCS 	275	1.2 x 4.5	1.20	26.6	30.7
	350	1.2 x 4.5	1.24	27.5	31.7
4X15 RCS 	275	1.2 x 4.5	1.29	28.6	33.0
	350	1.2 x 4.5	1.29	28.6	33.0
4X18 SST 	275	1.2 x 5.4	1.35	25.0	28.9
	350	1.2 x 5.4	1.39	25.7	29.7
4X9 LCS 	275	1.2 x 2.7	0.67	24.7	28.6
	350	1.2 x 2.7	0.71	26.1	30.2
4X9 RCS 	275	1.2 x 2.7	0.76	28.0	32.3
	350	1.2 x 2.7	0.76	28.0	32.3

Specifications

- Radius 1.5 – 4.6m
- Radius reduction: 25% maximum
- Operating pressure range: 275 – 500 kPa
- Recommended Pressure: 350 kPa
- Flow Rate: 0.2 – 9.9 Lpm
- Nozzle trajectory: 1.5m: 5° 2.4m: 10° 3.0m: 15° 3.6m: 20° 4.6m: 27°
- Corner and side strips: 20°
- 2 Year Warranty

Model List

1.5m "O" Nozzle (Red)			2.4m "O" Nozzle (Green)			3.0m "O" Nozzle (Blue)		
Male	Female	Description	Male	Female	Description	Male	Female	Description
O-T-5-QP	O-5-QP	90° Arc	O-T-8-QP	O-8-QP	90° Arc	O-T-10-QP	O-10-QP	90° Arc
O-T-5-TP	O-5-TP	120° Arc	O-T-8-TP	O-8-TP	120° Arc	O-T-10-TP	O-10-TP	120° Arc
O-T-5-HP	O-5-HP	180° Arc	O-T-8-HP	O-8-HP	180° Arc	O-T-10-HP	O-10-HP	180° Arc
O-T-5-TTP	O-5-TTP	240° Arc	O-T-8-TTP	O-8-TTP	240° Arc	O-T-10-TTP	O-10-TTP	240° Arc
O-T-5-TQP	O-5-TQP	270° Arc	O-T-8-TQP	O-8-TQP	270° Arc	O-T-10-TQP	O-10-TQP	270° Arc
O-T-5-FP	O-5-FP	360° Arc	O-T-8-FP	O-8-FP	360° Arc	O-T-10-FP	O-10-FP	360° Arc
3.6m "O" Nozzle (Brown)			4.6m "O" Nozzle (Black)			Special Patterns		
Male	Female	Description	Male	Female	Description	Male	Female	Description
O-T-12-QP	O-12-QP	90° Arc	O-T-15-QP	O-15-QP	90° Arc	O-T-4X9-RCS	O-4X9-RCS	Right Corner
O-T-12-TP	O-12-TP	120° Arc	O-T-15-TP	O-15-TP	120° Arc	O-T-4X9-LCS	O-4X9-LCS	Left Corner
O-T-12-HP	O-12-HP	180° Arc	O-T-15-HP	O-15-HP	180° Arc	O-T-4X18-SST	O-4X18-SST	Side Strip
O-T-12-TTP	O-12-TTP	240° Arc	O-T-15-TTP	O-15-TTP	240° Arc	O-T-4X15-RCS	O-4X15-RCS	Right Corner
O-T-12-TQ	O-12-TQ	270° Arc	O-T-15-TQP	O-15-TQP	270° Arc	O-T-4X15-LCS	O-4X15-LCS	Left Corner
O-T-12-FP	O-12-FP	360° Arc	O-T-15-FP	O-15-FP	360° Arc	O-T-4X30-SST	O-4X30-SST	Side Strip