

NELSON**P35/65 PERFORMANCE DATA**

2/01

MODEL P35 (Part Circle) — 3/4" W/ VANE — 27° TRAJECTORY — (Data gathered from sprinkler on 12" riser — no wind)

BASE PSI	5/32"		11/64"		3/16"		13/64"		7/32"	
	GPM	RAD. FT.	GPM	RAD. FT.	GPM	RAD. FT.	GPM	RAD. FT.	GPM	RAD. FT.
30	3.9	41	4.6	44	5.5	44	6.5	46	7.5	46
35	4.2	42	5.0	45	6.0	45	7.0	47	8.0	48
40	4.5	43	5.3	46	6.4	47	7.5	48	8.6	52
45	4.75	44	5.6	47	6.8	48	8.0	49	9.2	53
50	4.9	45	6.0	48	7.2	49	8.4	50	9.6	54
55	5.2	46	6.3	49	7.5	49	8.8	51	10.0	54
60	5.4	47	6.6	50	7.9	50	9.1	54	10.5	55
65	5.6	48	6.9	50	8.2	51	9.5	54	10.9	56
70	5.8	49	7.1	51	8.6	52	9.8	55	11.3	57
75	6.1	50	7.4	52	8.8	52	10.2	55	11.8	57
80	6.3	51	7.6	52	9.1	53	10.5	56	12.1	58

MODEL P65 (Part Circle) — 1" W/ VANE — 24° TRAJECTORY — (Data gathered from sprinkler on 18" riser — no wind)

BASE PSI	7/32"		1/4"		9/32"		19/64"		5/16"		21/64"		11/32"		23/64"		3/8"	
	GPM	RAD. FT.	GPM	RAD. FT.	GPM	RAD. FT.	GPM	RAD. FT.	GPM	RAD. FT.	GPM	RAD. FT.	GPM	RAD. FT.	GPM	RAD. FT.	GPM	RAD. FT.
30	7.6	51	9.9	53	12.4	56	13.7	57	15.3	57	16.5	59	18.0	60	19.6	61	21.0	62
35	8.2	53	10.7	55	13.4	58	14.7	59	16.4	60	17.8	62	19.4	62	21.0	63	22.6	65
40	8.8	55	11.5	57	14.4	61	15.7	63	17.7	63	19.1	65	20.8	65	22.6	66	24.3	68
45	9.3	57	12.1	59	15.1	62	16.7	64	18.7	65	20.2	67	22.0	67	23.9	68	25.7	70
50	9.8	59	12.8	62	15.9	64	17.7	67	19.7	67	21.3	69	23.3	70	25.3	71	27.1	73
55	10.3	60	13.5	63	16.8	66	18.5	68	20.7	69	22.3	71	24.3	72	26.3	73	28.2	74
60	10.8	62	14.1	64	17.6	68	19.3	69	21.6	72	23.3	73	25.4	74	27.5	76	29.3	76
65	11.3	63	14.7	66	18.3	69	20.1	71	22.5	73	24.3	74	26.5	76	28.5	77	30.5	78
70	11.7	65	15.3	68	19.0	71	20.9	73	23.4	75	25.3	75	27.6	78	29.6	79	31.9	81
75	12.1	66	15.8	69	19.6	72	21.7	74	24.1	76	26.1	77	28.6	79	30.7	80	33.0	82
80	12.5	68	16.3	71	20.3	74	22.5	76	24.9	78	27.0	80	29.5	81	31.7	81	34.1	83

NOTE: Stated performance at BASE PRESSURE

PLEASE REFER TO "WARRANTY AND DISCLAIMER" STATEMENT ON PAGE 16

EXHIBIT 4
HEARING EXHIBIT A

EXHIBIT

tabbles®

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